ENG

CATALOGUE **2018**

KLIMA KONCEPT
www.klimakoncept.hr

Italian Company Since 1956

OLIMPIA SPLENDID
HOME OF COMFORT

OLIMPIA SPLENDID, HOME OF COMFORT

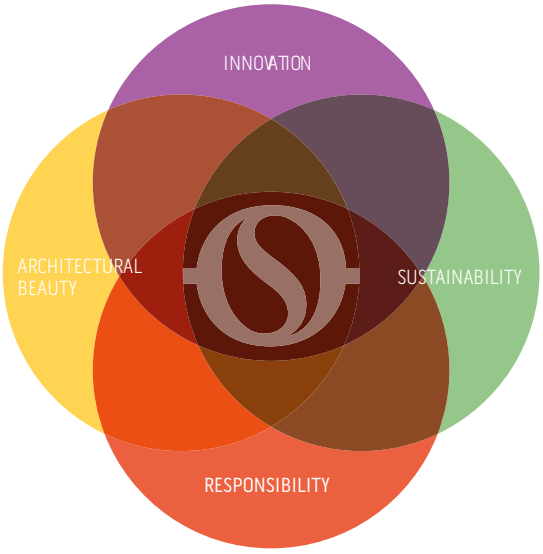
For over 60 years Olimpia Splendid has presented its made in Italy products on the international markets. Innovation, responsibility, environmental friendliness and enthusiasm are the values on which the Company has created its history.
The Group today counts on over 11 registered patents, and aims towards a range of integrated systems for the home climate, with its customary dedication towards the development of efficient, innovative and renewable solutions.

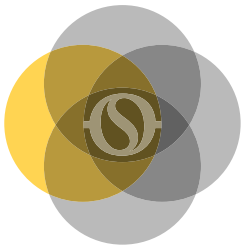
OLIMPIA SPLENDID
HOME OF COMFORT

Company

360° comfort

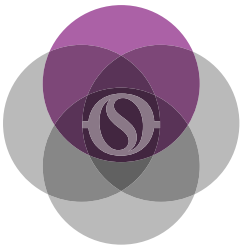
Design and build products with high aesthetic finishing, using
THE BEST TECHNOLOGIES and which RESPECT THE ENVIRONMENT.





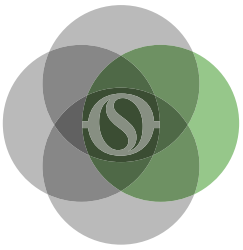
ARCHITECTURAL BEAUTY

Italy is the country of beauty.
We live in a very special environment where art and technology are blended together. Olimpia Splendid is committed to design its product to respect this heritage and to preserve the art of our history. From this cultural background come the idea of UNICO, the air contitioner without outdoor unit: for us UNICO is more than a product, it is a mission.



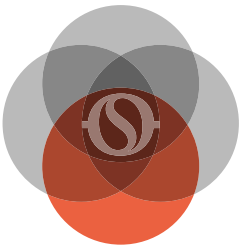
INNOVATION

Innovation for us is not just technological: our idea of innovation combines technology, beauty and efficiency.
In our laboratory we inItaly, we invent and produce engineering solutions in line with state-of-the-art technologies and the strictest of product protocols.



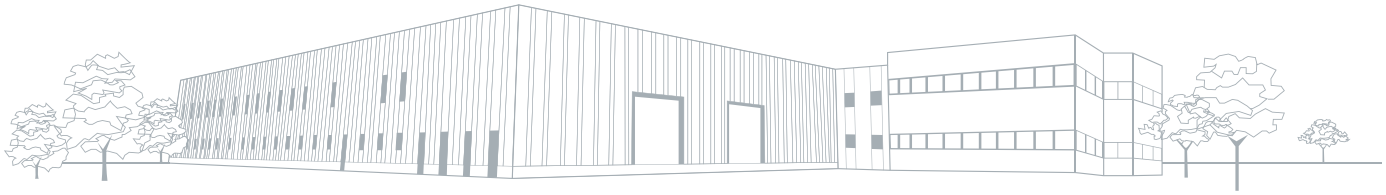
SUSTAINABILITY

In Olimpia Splendid we have a strong commitment to efficiency and to reduce the environmental impact. Olimpia Splendid ranges ensure the best performances with the lowest consumption.
We obviously consider innovation in the technological sense of the term, but less obviously, we also feel it has strong cultural connotations: wellness that technology provides cannot come at the expense of the environment we live in.



RESPONSABILITY

Olimpia Splendid was founded in 1956 as a family company.
In our 60° years history we created our organization devoloping technology and managerial skills, but we have always based our activity on mutual respect, long term view and reliability typical of a family company. Those are the values on which our organization is based, those are our cultural attitudes.



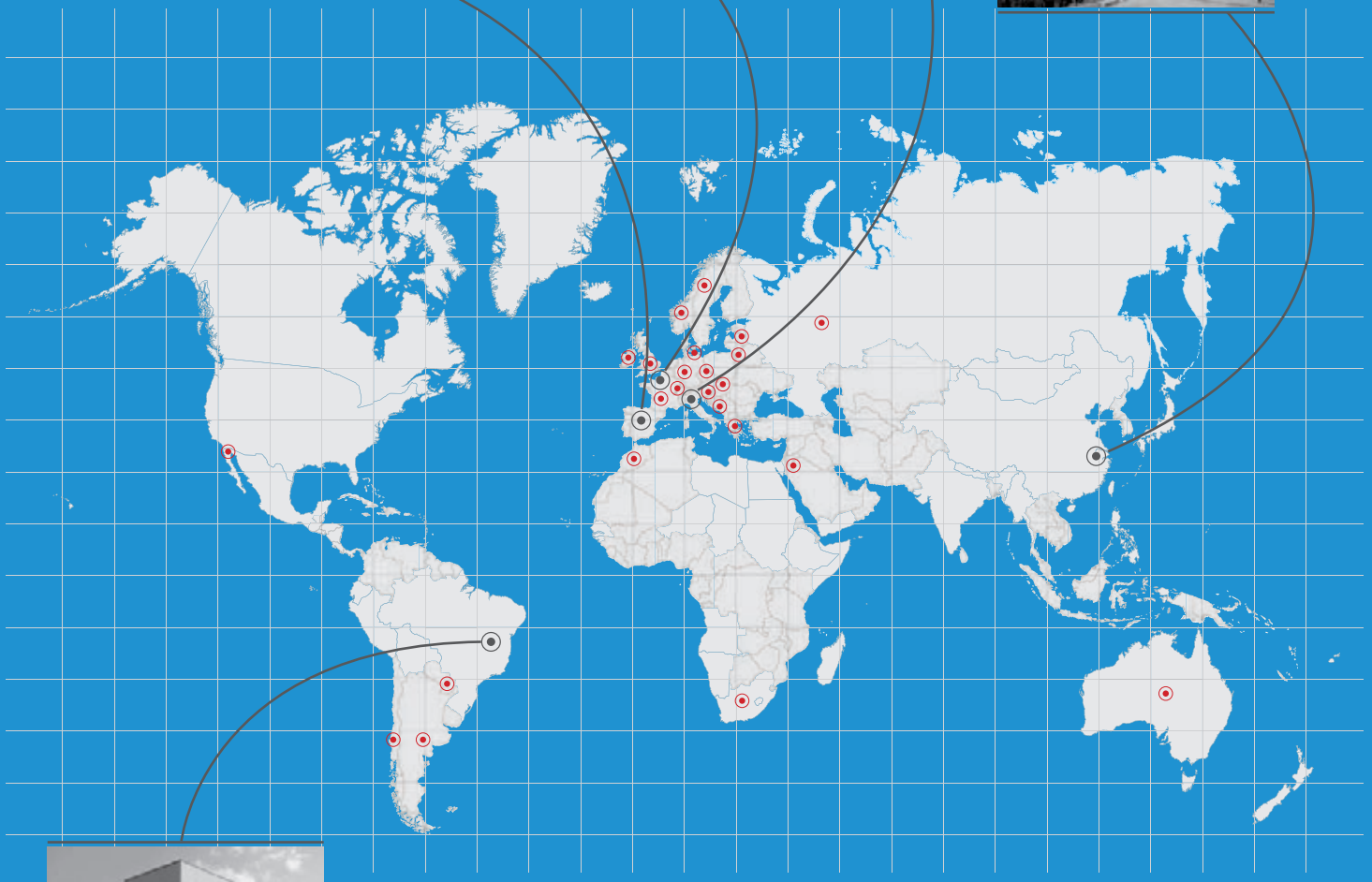
Italian Company Since 1956

Cellatica, BS
Headquarters and manufacturing site

Paris, France
Commercial branch

Madrid, Spain
Commercial branch

Shanghai, China
Commercial branch



Saõ Paulo, Brasil
Commercial branch

OLIMPIA SPLENDID
HOME OF COMFORT

Partner
KlimaHaus

EcoGreen

With Olimpia Splendid you are making the right choice: selected raw materials, efficient low-consumption products, designed to minimize environmental impact after disposal.

OS Founding Member and Supporter of:

ECO PED CONSORZIO NAZIONALE RICICLO PICCOLI ELETTRODOMESTICI

ridomus consorzio riciclo condizionatori per uso domestico

The Ridomus Consortium was established in 2006 to promote environmental protection, guarantee correct handling and safe storage of dangerous substances and materials, as well as the recycling of reusable material.
Our membership in the consortium guarantees controlled disposal of our products.

INDEX

ALPHABETICAL INDEX

SiOS

SiOS

SHERPA

air-water **SPLIT** heat pump

SHERPA

SHW®

Water heater in **HEAT PUMP** mode

SHERPA

AQUADUE®

air-water split heat pump **MULTIFUNCTIONAL**

Si

hydronic systems

SHERPA

AQUADUETOWER®

air-water split heat pump **MULTIFUNCTIONAL**
with **BOILER 150 L INTEGRATED**

SHERPA

MONOBLOC®

air-water heat pump **MONOBLOC**

range
SHERPA HEAT PUMP

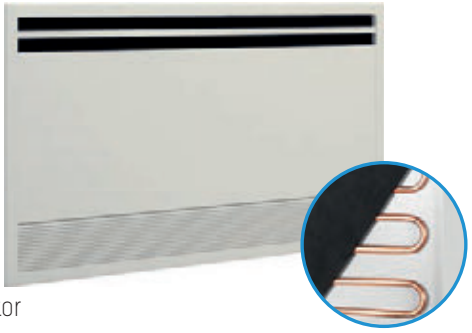
range
Bi2 TERMINAL UNIT

OLIMPIA SPLENDID
HOME OF COMFORT

Bi2 wall
Fan coil **WALL INVERTER** ultraslim

Bi2
INVERTER TOTAL FLAT fan coil radiator with heating panel

Bi2 naked
INVERTER RECESSED fan coil radiator with heating panel



OSi
Olimpia Splendid

AQUADUE® CONTROL

APP SiOS

Management and **control** system

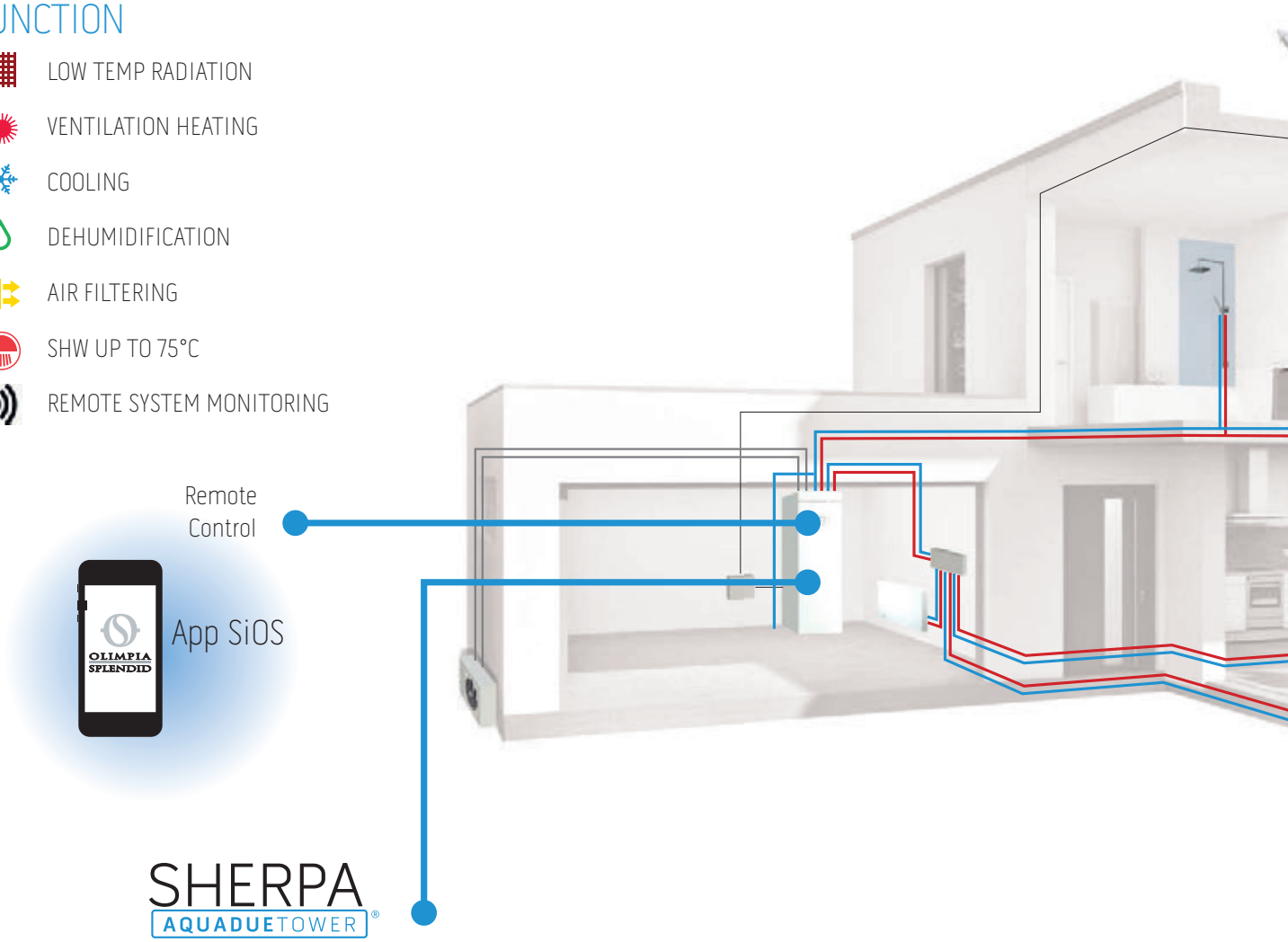
SiOS Plant Solution

The system is composed of:

- Sherpa Heat Pump
- Bi2 terminal Unit
- Aquadue Domotic Control

FUNCTION

- LOW TEMP RADIATION
- VENTILATION HEATING
- COOLING
- DEHUMIDIFICATION
- AIR FILTERING
- SHW UP TO 75°C
- REMOTE SYSTEM MONITORING

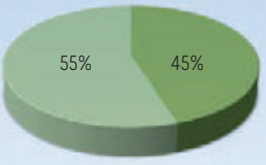


SHERPA
AQUADUETOWER®

HEATING, COOLING AND DHW AT 75°C ALL FROM RENEWABLE SOURCES

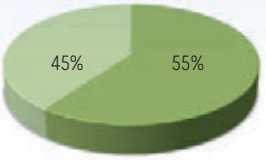
- **75°C DOMESTIC HOT WATER**
- **DHW AND COMFORT AT THE SAME TIME**
- **ANTILEGIONELLA CYCLES AVOIDABLE**
- **TOUCH SCREEN USER INTERFACE**
- **150 LT INTEGRATED BOILER**

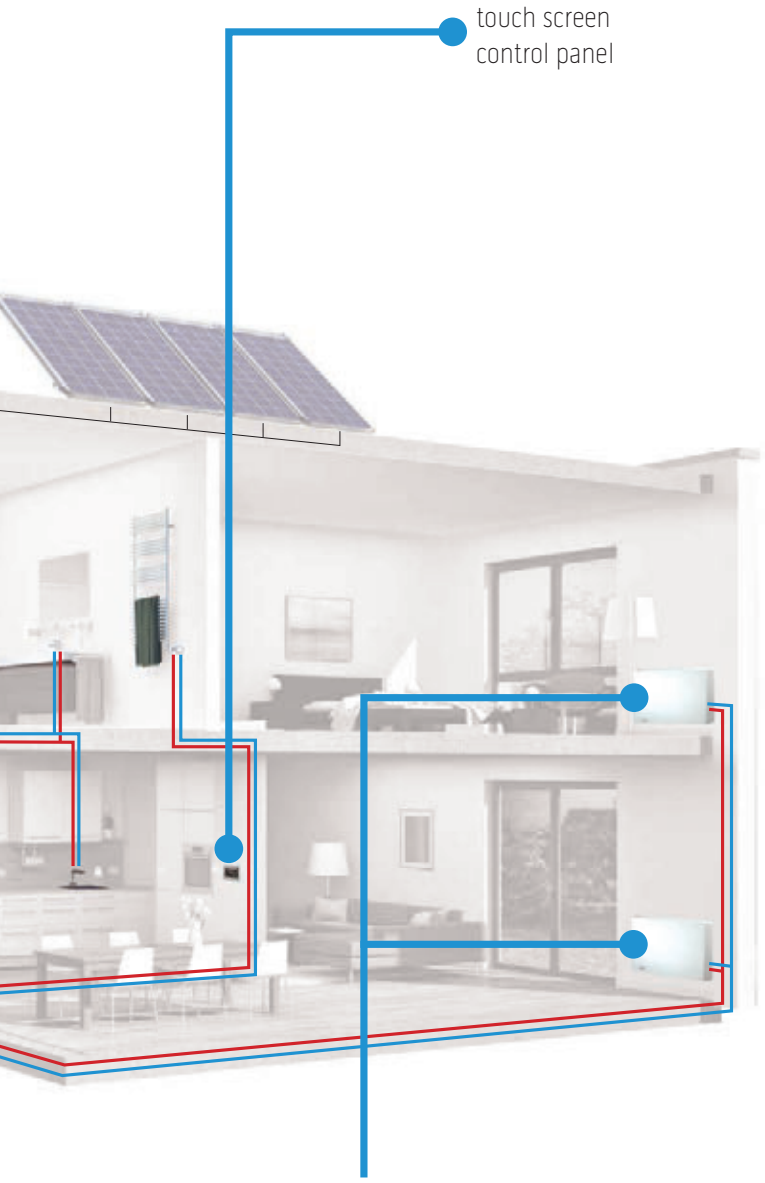
traditional heat pump



Renewable share
Non renewable share

Sherpa AQUADUE® Tower heat pump





FEATURES

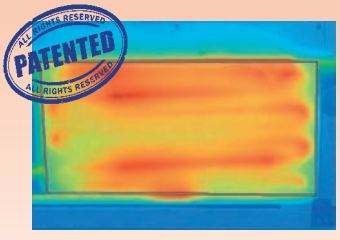
- Configuration management and control of the plant (Laptop, smartphone and tablet)
- Cooling, Heating, Production and stocking of high temperature SHW up to 75°C*
- Complete comfort: simultaneous air conditioning and production of DHW*
- Production of high temperature DHW guaranteed independently from outdoor climatic conditions and without the need for integration
- 40°C SHW supply up to 3,6 days**
- Heating via radiation or ventilation
- Summer air conditioning and dehumidification
- deuhumidification (also combined with floor heating***)

* Only Sherpa Aquadue e Sherpa Aquadue Tower model
** Qref 2,1 kWh / day/boiler 150lt regulation EN16147, 2015 only Sherpa Aquadue Tower model
*** Floor heating not included in the system

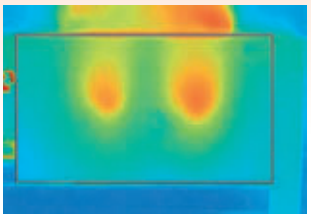
Bi2
TERMINAL FOR ANNUAL AIR CONDITIONING WITH RADIANT PANEL

Radiant technology: comparison with other systems:

- An average higher surface temperature that means greater radiation capacity
- Greater uniformity in surface warming and therefore a wider radiating surface
- Amplification of natural convection
- A reduction of water content for a faster system flow



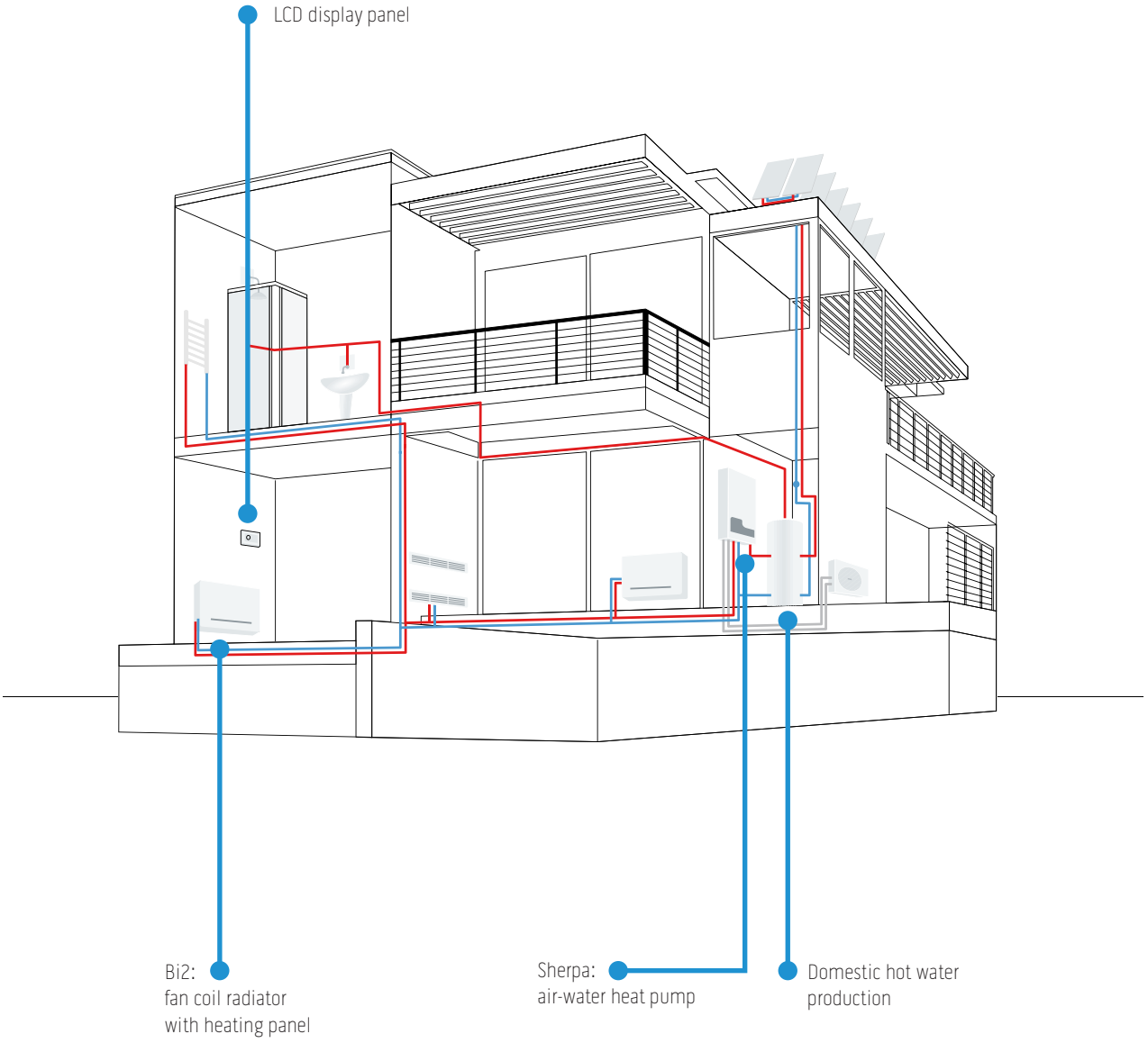
Tubular heating panel OS



non-hydronics radiant systems

Aquadue **C**ontrol

Management and **control** system of Olimpia Splendid's Heat Pump installations.



The Aquadue® system integrates all OS heat pumps and Bi2 terminals. It also allows the management of potential back-up thermal groups or other elements of the installation, such as circulators. Aquadue®Control combines the efficiency of the heat pump inverter systems with the effectiveness of the Bi2 terminals, equipped with DC brushless motor and a radiant heating panel.

The Aquadue® system manages:

- Heat Pumps Summer and Winter set points
- Thermal loads
- Air flow of Bi2 fan coil units
- Time band programming at different set-points.

Aquadue Control

Management and **control** system of the air-conditioning/heating installation and domestic hot water production.

WHAT IS AQUADUE® CONTROL ?

It is the home automation management system designed by Olimpia Splendid for highly energy-efficient residential installations. It integrates all Olimpia Splendid's hydronic systems: Bi2, the ultraslim terminals with heating panels, and Sherpa inverter heat pumps are more integrated and efficient.
AQUADUE® CONTROL can autoconfigure, control, and manage all its functions:
- ventilated or irradiated heating
- cooling
- dehumidification
- hot water production

AQUADUE® CONTROL integrates the energy advantages of the heat pump generators with the comfort advantages of the Bi2 terminals adding the possibility to manage each unit locally, as well as remotely.

DOMOTIC CONTROL TO MAXIMIZE COMFORT

- climate integration between heat pump generators and FAN COIL RADIATOR system terminals
- Selection of dedicated comfort zones
- Weekly programming
- 3 "special programs" for diverse comfort needs
- Up to 192 units under control
- Remotization from smartphone / tablet using APP for iOS and Android

MULTIZONE , MULTICOMFORT

Thanks to the icon interface, the access to heat pump generators and to terminal units is immediate and extremely simple, and
their management is integrated and under control..

AUTOPLAY

Independently identifies system units organizing them by type and environment and also groups and renames them according to user needs.

AQUADUE® CONTROL

MULTIZONE, MULTICONTROL

For each group of generators or system terminals you can check and adjust:
- Operation mode
- Set points
- Temperatures levels of the water system
- Levels of ambient temperatures and climatic curves
- Programs

OLIMPIA SPLENDID
HOME OF COMFORT

FEATURES

Compatible with the full Olimpia Splendid hydronic range - Bi2 and Sherpa heat pumps
Multiple access levels: single access levels with password ensure different editing and intervention access
Multi-zone control: heat pump generators control, control of each individual system terminal or system terminal groups
Management of potential back-up thermal groups or other elements, such as circulators
Operating modes display and alarms
Clock thermostat with weekly or daily programming
Heat pump generators climate curve integration with configured comfort levels
Simplified interconnection thanks to CPU board contacts
Integration with BACnet module
Management of up to 192 units
Remote system supervision **via app**
CPU containing **Ethernet TCP/IP**

CPU CONTROL

The CPU has two Ethernet ports for connection to a personal computer or a TCP / IP network or router / switch for remote management, including preconfigured OS application.

AQUADUE TOUCH

7" touch screen wall interface.
Optional device.

LIVING COMFORT, MAXIMUM ENERGY SAVING

With Aquadue control you can select five modes of operation with optimized algorithms with climatic heat pump curves which maximize energy savings
- heating comfort
- heating economy
- cooling comfort
- cooling economy
- automatic

Thanks to the interactive calendar these operations can be inserted
In weekly and hourly programming.

At the single unit system level you can supervise and configure:
- Ambient Temperature Display
- Set point temperature
- Operating mode (heat, cold, auto)
- Speed ventilation: minimum, maximum, modulated
- Night Function (eliminates ventilation and maintains temperature thanks to irradiation, ensuring maximum comfort and zero noise)
- Direct terminal switch off

HEAT PUMPS

The SHERPA Range

	MULTIFUNCTIONAL		TRADITIONAL	
	integrated boiler	external boiler	integrated boiler	external boiler
COMFORT + DHW – SPLIT	Aquadue Tower pag. 26  - DHW 75°C - heating/cooling and DHW at the same time; it avoids interruptions in the domestic comfort supply	Sherpa Aquadue pag. 20  - DHW 75°C - heating/cooling and DHW at the same time; it avoids interruptions in the domestic comfort supply		Sherpa pag. 34  - DHW 60°C - Comfort or DHW
COMFORT + DHW – MONOBLOC				Monobloc pag. 30  - DHW 60°C - Comfort or DHW
DHW BASAMENTO			Sherpa SHW pag. 42  - DHW 65°C	

Compatibility accessories and boilers for heat pumps

	Description	Code kit	SHERPA	SHERPA AQUADUE TOWER	SHERPA AQUADUE	SHERPA MONOBLOC
CONTROLS AND ACCESSORIES KIT	Remote control	**B0812**				X
	heating cable kit	**B0665**	X	X	X	
	3-way valve kit for domestic hot water	**B0622**	X			X
	Outdoor air temperature sensor kit	**B0814**				X
	Outdoor air temperature sensor kit	**B0623**	X	Included standard	Included standard	
	DHW boiler sensor kit	**B0624**	X	Included standard	Included standard	
BOILER	DHW boiler 200 lt standard	**01193**	X		X	X
	DHW boiler 300 lt standard	**01194**	X		X	X
	DHW boiler 200 lt high efficency	**01804**	X		X	X
	DHW boiler 300 lt high efficency	**01805**	X		X	X
	DHW boiler 300 lt high efficency and solar	**01806**	X		X	X
	DHW boiler 300 lt hybrid	**01807**	X		X	X
	DHW boiler 300 lt hybrid and solar	**01808**	X		X	X
	Resistance for boiler 2kW	**B0618**	X			X
	Resistance for boiler 3kW	**B0666**	X			X
	Puffer inertial tank 50 lt	**01199**	X	X	X	X
	Puffer inertial tank 100 lt	**01200**	X	X	X	X

SHERPA AQUADUE®

The **multifunctional** air-water split heat pump.

PATENTED TECHNOLOGY

The combination of an inverter air-water heat pump together with a water-water heat pump allows heating/cooling and high temperature DHW production, independently from the outside weather conditions.

COP > 4 | DHW 75°C

Energy class: 35° A+ 55° A+

FEATURES

DHW (Domestic Hot Water) production at a high temperature, up to 75 ° C.

DHW management: a group of water-water heat pumps integrated in the indoor unit provides domestic hot water at a high temperature regardless of external weather conditions.

Continuous absolute availablity of DHW: guaranteed by the redundance of the double refrigerating circuit system.

Antilegionella cycles avoidable using the refrigeration cycle at high temperature.

2-stage electric heater: single or double strength activation to support the heat pump through a simple configuration of the electronic control.
Each stage is activated according to the actual need of thermal power in order to optimize power consumption.

Configurable points: two set points in cooling mode Three set points in heating mode (one of them for DHW): the set points are also selectable by remote contact.

Weekly programmer DHW, holidays and daily with night mode.

Climatic curves with outside air temperature sensor: two curves are available, one for cooling and one for heating. Climatic curves allow you to modify system water temperature supply depending on climate conditions, adapting the heat requirements of the building in order to obtain energy savings.

Refrigerant gas: R410A* for the reversible circuit dedicated to air-conditioning and R134a** for the high temperature circuit dedicated to DHW production.

DHW AND COMFORT AT THE SAME TIME

The two interconnected refrigerator cycles allow the decoupling of the heating/cooling from the DHW production, enabling them to operate in parallel, avoiding thus interruptions in the domestic comfort supply.

DHW 75°

75°C DOMESTIC HOT WATER

High temperature DHW storage allows a reduction of the boiler volume up to 30%, to heat bathroom heater radiators and avoids highly energyconsumpting anti-legionella cycles that are normally performed through the use of electrical resistances.

TOUCH SCREEN USER INTERFACE

Sherpa AQUADUE® control is extremely flexible and configurable, and it allows to:

- customize the response limits of the two cycles at installation
- customize comfort and DHW needs at installation
- optimize energy performances by managing the operation of the double refrigeration circuit.

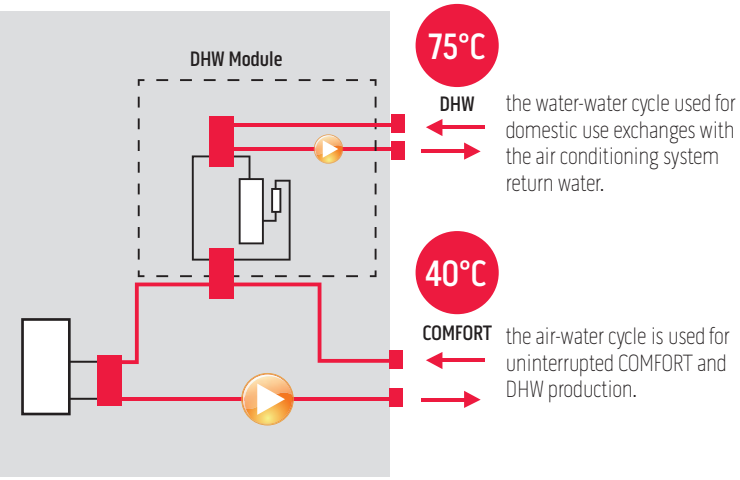
Compatible with:

AQUADUE® CONTROL

* non hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088 - ** non hermetically sealed equipment containing fluorinated gas with GWP equivalent 1430

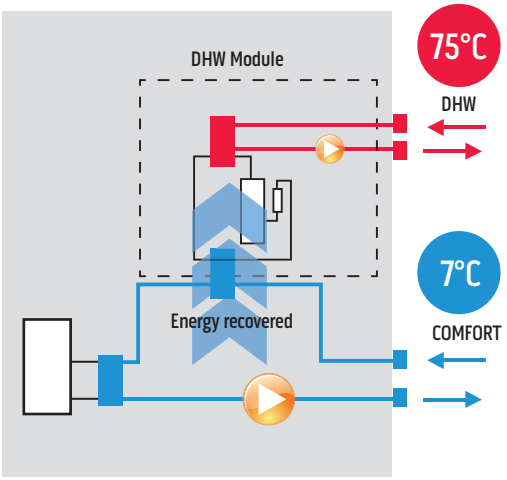
HEATING MODE
+ DHW at high temperature

DHW production is guaranteed independently from the outside temperature for an optimal operation throughout the year, which is not guaranteed by traditional heat pumps.



COOLING MODE
+ DHW at a high temperature with energy recovery

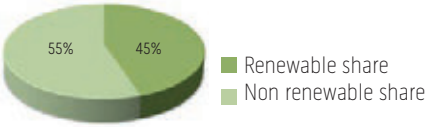
The energy normally dissipated outside is recovered and used to produce DHW up to 75 ° C.



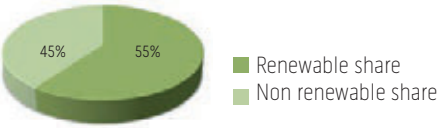
RENEWABLE SHARE COVERAGE FOR DHW PRODUCTION WITHOUT ADDITIONAL EQUIPMENT - RES DIRECTIVE

AQUADUE® technology thanks to efficient heat management guarantees, in buildings of a high energy class, the coverage share from renewable energy (Legislative Decree 28/2011) without the installation of additional devices.

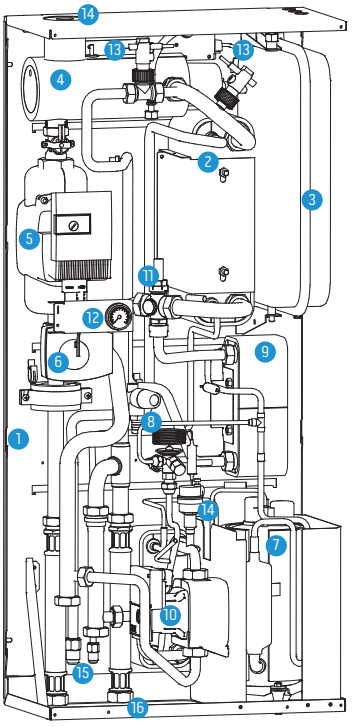
Traditional heat pump



Sherpa AQUADUE® heat pump



1. Support structure
2. Primary circuit system heat exchanger
3. Expansion tank system circuit
4. Electric resistors collector
5. Primary circuit electronic circulation pump
6. 3-way valve
7. Secondary circuit compressor (DHW)
8. Expansion valve circuit DHW
9. Heat exchanger circuit DHW
10. DHW circuit electronic circulation pump
11. Flow regulator
12. Gauge
13. Flow gauge
14. Automatic safety vent
15. Refrigerant connections
16. Water connections (system and external boiler)



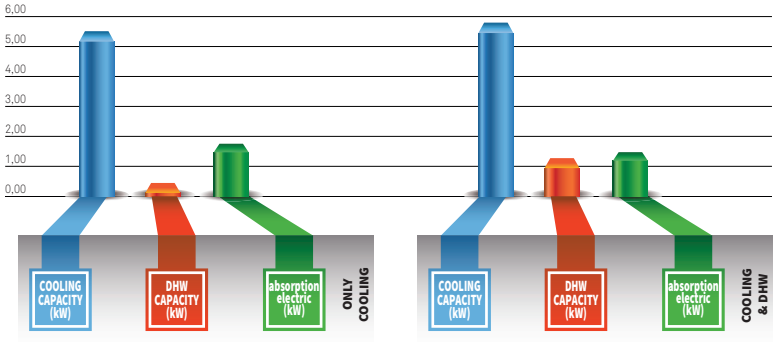
STANDARD EQUIPMENT:
- Outside temperature sensor kit
- DHW boiler sensor kit

SHERPA AQUADUE®

		AQUADUE 7	AQUADUE 11	AQUADUE 13	AQUADUE 13T	AQUADUE 16	AQUADUE 16T
Indoor unit	Code	599510A		599506A			
Outdoor Unit S1	Code	OS CESHH24EI	OS CESHH36EI	OS CESHH48EI	OS CESTH48EI	OS CESHH60EI	OS CESTH60EI
refrigerant/water exchanger		Brazed plates	Brazed plates	Brazed plates	Brazed plates	Brazed plates	Brazed plates
Heating capacity (a)	kW	6,50	10,50	12,50	12,50	14	16
COP (a)	W/W	4,12	4,14	4,12	4,12	4,11	4,11
Heating capacity (b)	kW	4,30	7,20	8	8	8,50	9,20
COP (b)	W/W	2,60	2,65	2,70	2,70	2,40	2,50
Heating capacity (c)	kW	6,50	9,90	12,50	12,50	13,30	14
COP (c)	W/W	3,40	3,14	3,21	3,21	3,10	3,10
Heating capacity (d)	kW	3,80	6,20	7,20	7,20	8,50	9
COP (d)	W/W	2,30	2	2,10	2,10	2,10	2,10
Cooling capacity (e)	kW	7,90	11,80	12,30	12,50	13,50	15
EER (e)	W/W	4,50	4,40	4	4,10	3,80	4
Cooling capacity (f)	kW	5,60	8,10	10,40	10,40	11,30	12,80
EER (f)	W/W	3,10	3,08	3	3	2,70	2,80
Energy efficiency class heating mode 35°/55 °C		A+ A+	A+ A+	A+ A+	A+ A+	A+ A+	A+ A+
DHW circuit heating capacity (g)	kW	2,15	2,15	2,15	2,15	2,15	2,15
COP (g)	W/W	3,12	3,12	3,12	3,12	3,12	3,12
DHW circuit heating capacity (h)	kW	1,60	1,60	1,60	1,60	1,60	1,60
COP (h)	W/W	2,58	2,58	2,58	2,58	2,58	2,58
Sound pressure of indoor unit (i)	dB(A)	35	35	35	35	35	35
Sound power indoor unit	dB(A)	41	41	41	41	41	41
Sound power of indoor unit in heat. or cool. and DHW mode	dB(A)	47	47	47	47	47	47
Sound pressure outdoor unit (l)	dB(A)	54/55	56/58	60/60	60/60	60/60	60/62
Sound power outdoor unit	dB(A)	64/65	66/68	70/70	70/70	70/70	70/72
Diameter refrigerant connections	"	3/8-5/8	3/8-5/8	3/8-5/8	3/8-5/8	3/8-5/8	3/8-5/8
Circulator absorption DHW	W	16-43	16-43	16-43	16-43	16-43	16-43
System circulator absorption	W	40-130	40-130	40-130	40-130	40-130	40-130
Capacity of expansion vessel	l	8	8	8	8	8	8
Power supply of indoor unit	V/ph/ Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
maximum current absorption indoor unit (electrical heaters activated)	A	18,0	18,0	31,0	31,0	31,0	31,0
maximum current absorption indoor unit(electrical heaters deactivated)	A	5,0	5,0	5,0	5,0	5,0	5,0
Additional electrical heater elements	kW	1,5 + 1,5	1,5 + 1,5	3 + 3	3 + 3	3 + 3	3 + 3
Hydraulic connections	"	1	1	1	1	1	1
Outdoor unit power supply	V/ph/ Hz	230/1/50	230/1/50	230/1/50	400/3/50	230/1/50	400/3/50
Outdoor unit maximum absorbed current	A	13,50	22	28	8,15	28	11,50
refrigerant gas (system circuit) (m)		R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant gas charge (outdoor unit)	Kg	1,95	3,20	4,00	4,00	4,00	4,30
Refrigerant gas (DHW circuit) (n)		R134a	R134a	R134a	R134a	R134a	R134a

(a) Heating mode, inlet/outlet water temperature 30°C/35°C, outdoor air temperature 7°C d.b./6°C w.b.
(b) Heating mode, inlet/outlet water temperature 30°C/35°C, outdoor air temperature -2°C d.b./-1°C w.b.
(c) Heating mode, inlet/outlet water temperature 40°C/45°C, outdoor air temperature 7°C d.b./6°C w.b.
(d) Heating mode, inlet/outlet water temperature 40°C/45°C, outdoor air temperature -2°C d.b./-1°C w.b.
(e) Cooling mode, inlet/outlet water temperature 23°C/18°C, outdoor air temperature 35°C
(f) Cooling mode, inlet/outlet water temperature 12°C/7°C, outdoor air temperature 35°C
(g) Water outlet temperature 55°C/water temperature heating circuit 35°C
(h) Water outlet temperature 55°C/water temperature heating circuit 12°C
(i) Sound pressure values measured at a distance of 4 m in a free field
(l) Sound pressure values measured at a distance of 1 m in semi-anechoic chamber
(m) Equipment not hermetically sealed containing fluorinated gases with an equivalent GWP of 2088
(n) Equipment hermetically sealed containing fluorinated gases with an equivalent GWP of 1430

	7				11				13				13T				16				16T			
	cooling capacity(kW)	Dhw capacity (kW)	Absorption (kW)	EER COP	cooling capacity(kW)	Dhw capacity (kW)	Absorption (kW)	EER COP	cooling capacity(kW)	Dhw capacity (kW)	Absorption (kW)	EER COP	cooling capacity(kW)	Dhw capacity (kW)	Absorption (kW)	EER COP	cooling capacity(kW)	Dhw capacity (kW)	Absorption (kW)	EER COP	cooling capacity(kW)	Dhw capacity (kW)	Absorption (kW)	EER COP
Cooling W7 A35	5,60	0,00	1,81	3,1	8,10	0,00	2,63	3,1	10,40	0,00	3,47	3,0	10,40	0,00	3,47	3,0	11,30	0,00	4,19	2,7	12,80	0,00	4,57	2,8
Dhw W65/W12	0,64	1,28	0,56	2,3	0,64	1,28	0,56	2,3	0,64	1,28	0,56	2,3	0,64	1,28	0,56	2,3	0,64	1,28	0,56	2,3	0,64	1,28	0,56	2,3
Cooling W7 A35 and DHW W65/W12	5,60	1,28	1,55	3,6	8,10	1,28	2,35	3,4	10,40	1,28	3,16	3,3	10,40	3,16	3,16	3,3	11,30	1,28	3,65	3,1	12,80	1,28	4,23	3,0



COOLING + DHW WITH ENERGY RECOVERY

During summer operation in cooling mode, the cycle dedicated to DHW production extracts heat from return water from the system circuit.

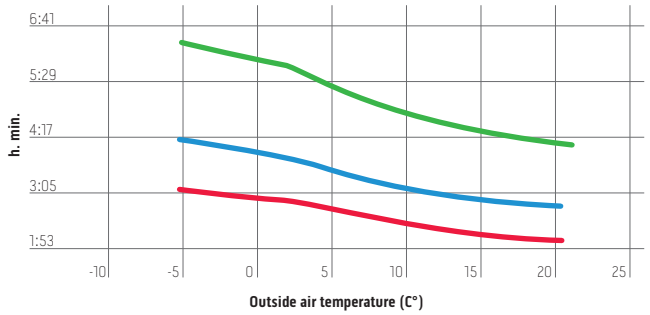
The cooling requirements of the building is partially satisfied by the DHW cycle and the comfort refrigerating cycle must deliver less power by reducing the speed of the inverter compressor.

The heat taken from the system is recovered in hot water for domestic use.
The efficiency of the integrated system increases (ratio between the energy produced and the energy absorbed from the mains).

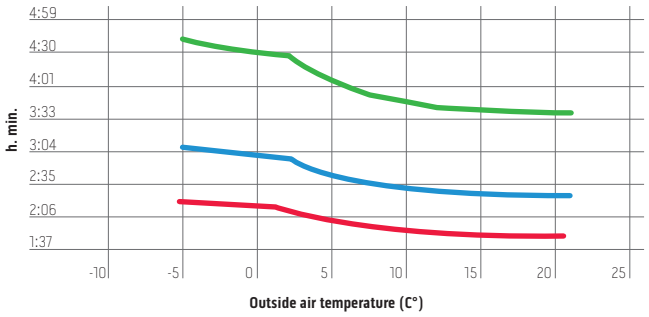
LOADING TIME OF BOILERS with 15-65 °C water

The patented Aquadue® double cycle allows rapid loading times of boilers, up to 40% faster than an equally capacious heat pump boiler.*

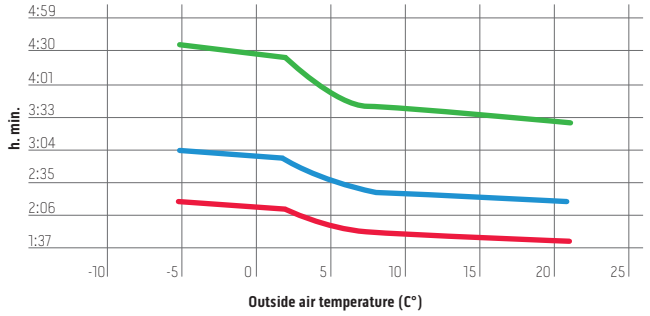
Aquadue® **7** Loading time of boilers



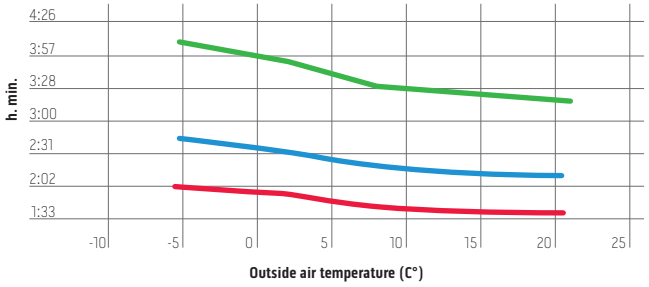
Aquadue® **11** Loading time of boilers



Aquadue® **13/13T** Loading time of boilers



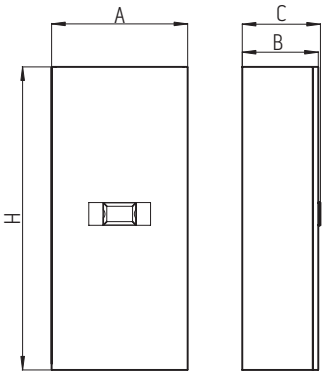
Aquadue® **16** Loading time of boilers



300 liters tank 200 liters tank 150 liters tank

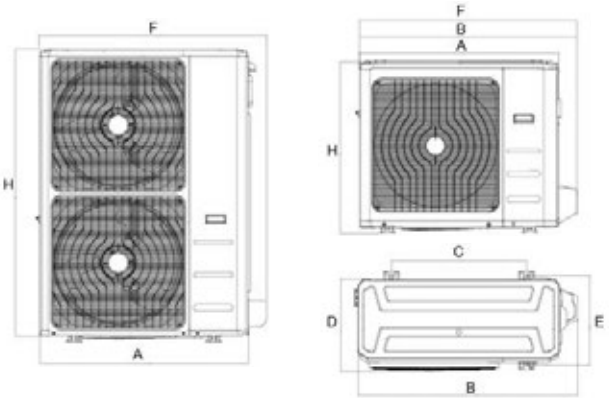
INTERNAL UNIT

		AQUADUE 7	AQUADUE 11	AQUADUE 13	AQUADUE 13T	AQUADUE 16	AQUADUE 16T
		SMALL		BIG			
A	mm	500	500	500	500	500	500
B	mm	280	280	280	280	280	280
C	mm	288	288	288	288	288	288
H	mm	1116	1116	1116	1116	1116	1116
Weight	kg	70	70	72	72	72	72



EXTERNAL UNIT S1

		7	11	13	13T	16	16T
		CESHH24EI	CESHH36EI	CESHH48EI	CESTH48EI	CESHH60EI	CESTH60EI
		MONO-FAN		BIG			
A	mm	845	946	952	952	952	952
B	mm	914	1030	1045	1045	1045	1045
C	mm	540	673	634	634	634	634
D	mm	363	410	415	415	415	415
E	mm	350	403	404	404	404	404
F	mm	915	1036	1032	1032	1032	1032
H	mm	702	810	1333	1333	1333	1333
Weight	kg	49	67	95	108	95	113



Code B0665 - HEATING CABLE KIT

Prevents the formation of ice on the bottom of the external unit in the event of prolonged operation in particularly severe conditions.

SHERPA AQUADUETOWER®

Air-water split heat pump **MULTIFUNCTIONAL** with **BOILER 150 L INTEGRATED**

PATENTED TECHNOLOGY

The combination of an inverter air-water heat pump together with a water-water heat pump allows heating/cooling and high temperature DHW production, independently from the outside weather conditions.

COP > 4 **DHW 75°C**

Energy class: **35°** A+ **55°** A+ **55° per ACS** A+

FEATURES

DHW (Domestic Hot Water) production at a high temperature, up to 75 ° C in the integrated boiler.

DHW management: a group of water-water heat pumps integrated in the indoor unit provides domestic hot water at a high temperature regardless of external weather conditions.

Continuous absolute availablity of DHW: guaranteed by the redundance of the double refrigerating circuit system.

Antilegionella cycles avoidable using the refrigeration cycle at high temperature.

2-stage electric heater: single or double strength activation to support the heat pump through a simple configuration of the electronic control.
Each stage is activated according to the actual need of thermal power in order to optimize power consumption.

Configurable points: two set points in cooling mode Three set points in heating mode (one of them for DHW): the set points are also selectable by remote contact.

Weekly programmer DHW, holidays and daily with night mode.

Climatic curves with outside air temperature sensor: two curves are available, one for cooling and one for heating. Climatic curves allow you to modify system water temperature supply depending on climate conditions, adapting the heat requirements of the building in order to obtain energy savings.

Refrigerant gas: R410A[1] for the reversible circuit dedicated to air-conditioning and R134a[2] for the high temperature circuit dedicated to DHW production.

150 l integrated high-efficiency boiler

Production of mixed DHW at 40° up to 3,6 days[3]

DHW AND COMFORT AT THE SAME TIME

The two interconnected refrigerator cycles allow the decoupling of the heating/cooling from the DHW production, enabling them to operate in parallel, avoiding thus interruptions in the domestic comfort supply.

DHW 75°

75°C DOMESTIC HOT WATER

High temperature DHW storage allows a reduction of the boiler volume up to 30%, to heat bathroom heater radiators and avoids highly energyconsumpting anti-legionella cycles that are normally performed through the use of electrical resistances.

TOUCH SCREEN USER INTERFACE

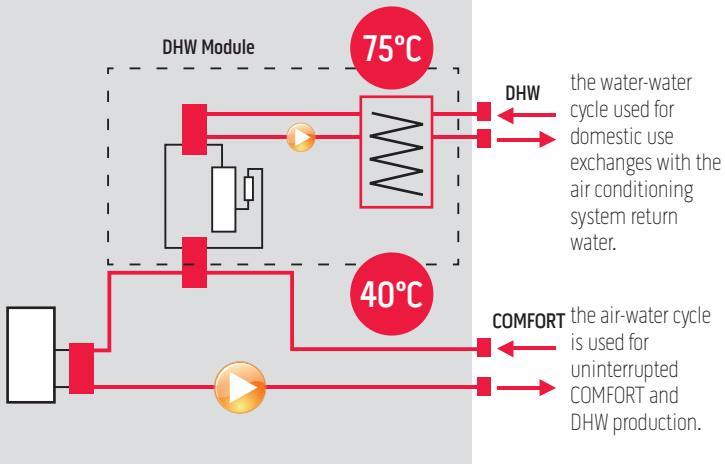
Sherpa AQUADUE® TOWER control is extremely flexible and configurable, and it allows to:
- customize the response limits of the two cycles at installation
- customize comfort and DHW needs at installation
- optimize energy performances by managing the operation of the double refrigeration circuit.

Compatible with:

AQUADUE® CONTROL

HEATING MODE
+ DHW at high temperature

DHW production is guaranteed independently from the outside temperature for an optimal operation throughout the year, which is not guaranteed by traditional heat pumps.

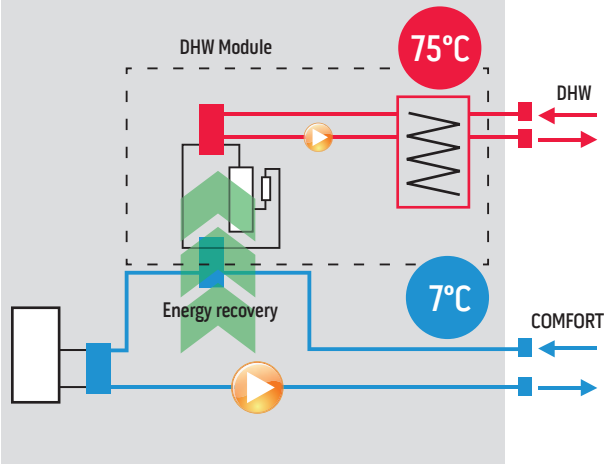


the water-water cycle used for domestic use exchanges with the air conditioning system return water.

the air-water cycle is used for uninterrupted COMFORT and DHW production.

COOLING MODE
+ DHW at a high temperature with energy recovery

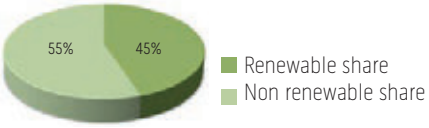
The energy normally dissipated outside is recovered and used to produce DHW up to 75 ° C.



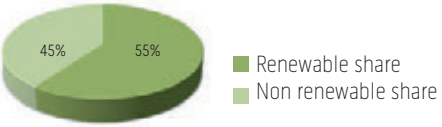
RENEWABLE SHARE COVERAGE FOR DHW PRODUCTION WITHOUT ADDITIONAL EQUIPMENT - RES DIRECTIVE

AQUADUE® technology thanks to efficient heat management guarantees, in buildings of a high energy class, the coverage share from renewable energy (Legislative Decree 28/2011) without the installation of additional devices.

Traditional heat pump

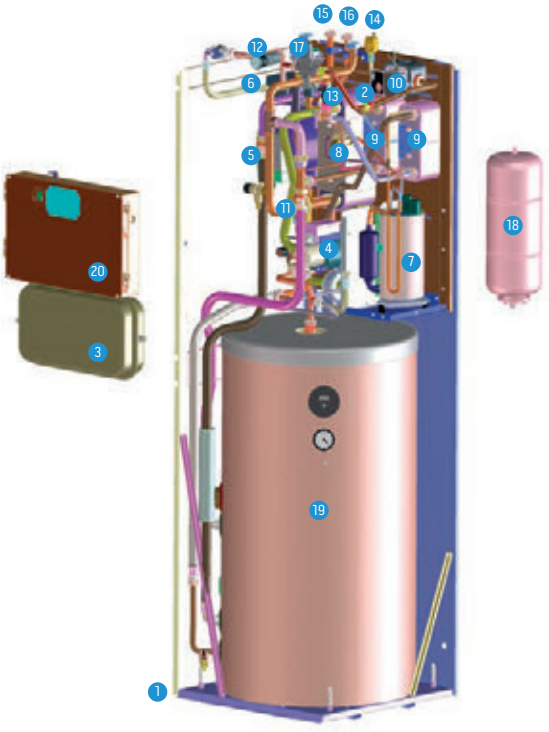


Sherpa AQUADUE® heat pump



1. Support structure
2. Primary circuit system heat exchanger
3. Expansion tank system circuit
4. Electric resistors collector
5. Primary circuit electronic circulation pump
6. 3-way valve
7. Circuit compressor DHW
8. Expansion valve circuit DHW
9. Heat exchanger circuit DHW
10. DHW circuit electronic circulation pump
11. Flow regulator
12. Gauge
13. Flow gauge
14. Automatic safety vent
15. Refrigerant connections
16. Water connections (system and external boiler)
17. DHW circuit technical water automatic filling
18. DHW expansion vessel
19. Cylinder for domestic hot water
20. Electric control board

STANDARD EQUIPMENT:
- Outside temperature sensor kit

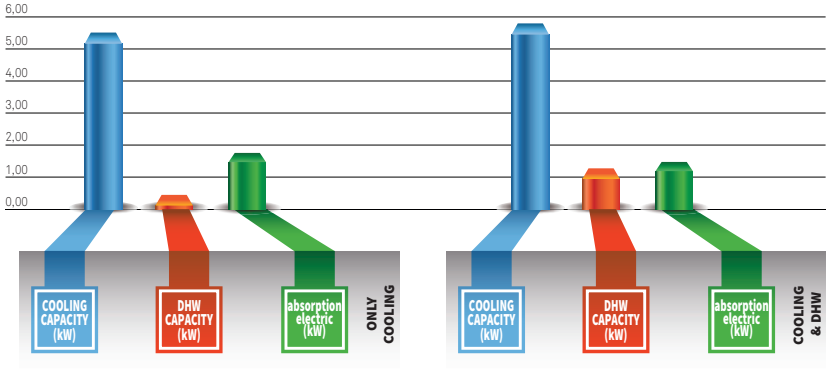


SHERPA AQUADUETOWER®

		AQUADUE TOWER 7	AQUADUE TOWER 11	AQUADUE TOWER 13	AQUADUE TOWER 13T	AQUADUE TOWER 16	AQUADUE TOWER 16T
Indoor unit	Cod.	599513A		599512A			
Outdoor Unit S1	Cod.	OS CESHH24EI	OS CESHH36EI	OS CESHH48EI	OS CESTH48EI	OS CESHH60EI	OS CESTH60EI
refrigerant/water exchanger		Brazed plates	Brazed plates	Brazed plates	Brazed plates	Brazed plates	Brazed plates
Heating capacity (a)	kW	6,50	10,50	12,50	12,50	14	16
COP (a)	W/W	4,10	4,10	4,10	4,10	4,10	4,10
Heating capacity (b)	kW	5	8,30	10	10	10,50	12
COP (b)	W/W	3,10	3,20	3,10	3,10	2,90	2,90
Heating capacity (c)	kW	6,20	9,90	11,60	11,60	13	14,60
COP (c)	W/W	3,40	3,20	3,30	3,30	3,20	3
Heating capacity (d)	kW	4,80	7,80	9,30	9,30	9,80	10,90
COP (d)	W/W	2,50	2,30	2,20	2,20	2,30	2,20
Cooling capacity (e)	kW	7,60	12,10	12,60	12,80	13,80	15,30
EER (e)	W/W	4	4,40	3,50	3,50	3,10	3,20
Cooling capacity (f)	kW	5,60	8,10	10,40	10,40	11,30	12,80
EER (f)	W/W	3,10	3,10	3	3	2,70	2,80
Energy efficiency class heating mode 35°/55 °C		A+ A+	A+ A+	A+ A+	A+ A+	A+ A+	A+ A+
DHW circuit heating capacity (g)	kW	2,15	2,15	2,15	2,15	2,15	2,15
COP (g)	W/W	3,12	3,12	3,12	3,12	3,12	3,12
DHW circuit heating capacity (h)	kW	1,60	1,60	1,60	1,60	1,60	1,60
COP (h)	W/W	2,58	2,58	2,58	2,58	2,58	2,58
Sound pressure of indoor unit (i)	dB(A)	35	35	35	35	35	35
Sound power indoor unit	dB(A)	41	41	41	41	41	41
Sound power of indoor unit in heat. or cool. and DHW mode	dB(A)	47	47	47	47	47	47
Sound pressure outdoor unit (l)	dB(A)	54/55	56/58	60/60	60/60	60/60	60/62
Sound power outdoor unit	dB(A)	64/65	66/68	70/70	70/70	70/70	70/72
Diameter refrigerant connections	"	3/8-5/8	3/8-5/8	3/8-5/8	3/8-5/8	3/8-5/8	3/8-5/8
Circulator absorption DHW	W	16-43	16-43	16-43	16-43	16-43	16-43
System circulator absorption	W	40-130	40-130	40-130	40-130	40-130	40-130
Capacity of expansion vessel	l	8	8	8	8	8	8
Capacity of expansion vessel DHW	l	7	7	7	7	7	7
Power supply of indoor unit	V/ph/ Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
maximum current absorption indoor unit (electrical heaters activated)	A	18,0	18,0	31,0	31,0	31,0	31,0
maximum current absorption indoor unit(electrical heaters deactivated)	A	5,0	5,0	5,0	5,0	5,0	5,0
Additional electrical heater elements	kW	1,5 + 1,5	1,5 + 1,5	3 + 3	3 + 3	3 + 3	3 + 3
Hydraulic connections	"	1	1	1	1	1	1
Outdoor unit power supply	V/ph/ Hz	230/1/50	230/1/50	230/1/50	400/3/50	230/1/50	400/3/50
Outdoor unit maximum absorbed current	A	13,5	22	28	8,15	28	11,5
Hydraulic connections DHW	"	3/4	3/4	3/4	3/4	3/4	3/4
refrigerant gas (system circuit) (m)		R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant gas charge (outdoor unit)	Kg	2,10	2,75	4,45	4,00	4,45	4,20
Refrigerant gas (DHW circuit) (n)		R134a	R134a	R134a	R134a	R134a	R134a
DHW tank capacity	l	150	150	150	150	150	150
tank interior surface		Glazed steel					
tank heat exchanger		Steel pipe					
tank insulation		Hard expanded polyurethane					

(a) Heating mode, inlet/outlet water temperature 30°C/35°C, outdoor air temperature 7°C d.b./6°C w.b.
(b) Heating mode, inlet/outlet water temperature 30°C/35°C, outdoor air temperature -2°C d.b./-1°C w.b.
(c) Heating mode, inlet/outlet water temperature 40°C/45°C, outdoor air temperature 7°C d.b./6°C w.b.
(d) Heating mode, inlet/outlet water temperature 40°C/45°C, outdoor air temperature -2°C d.b./-1°C w.b.
(e) Cooling mode, inlet/outlet water temperature 23°C/18°C, outdoor air temperature 35°C
(f) Cooling mode, inlet/outlet water temperature 12°C/7°C, outdoor air temperature 35°C
(g) Water outlet temperature 55°C/water temperature heating circuit 35°C
(h) Water outlet temperature 55°C/water temperature heating circuit 12°C
(i) Sound pressure values measured at a distance of 4 m in a free field
(l) Sound pressure values measured at a distance of 1 m in semi-anechoic chamber
(m) Equipment not hermetically sealed containing fluorinated gases with an equivalent GWP of 2088
(n) Equipment hermetically sealed containing fluorinated gases with an equivalent GWP of 1430

	7				11				13				13T				16				16T			
	cooling capacity(kW)	Dhw capacity (kW)	Absorption (kW)	EER COP	cooling capacity(kW)	Dhw capacity (kW)	Absorption (kW)	EER COP	cooling capacity(kW)	Dhw capacity (kW)	Absorption (kW)	EER COP	cooling capacity(kW)	Dhw capacity (kW)	Absorption (kW)	EER COP	cooling capacity(kW)	Dhw capacity (kW)	Absorption (kW)	EER COP	cooling capacity(kW)	Dhw capacity (kW)	Absorption (kW)	EER COP
Cooling W7 A35	5,60	0,00	1,81	3,1	8,10	0,00	2,63	3,1	10,40	0,00	3,47	3,0	10,40	0,00	3,47	3,0	11,30	0,00	4,19	2,7	12,80	0,00	4,57	2,8
ACS W65/ W12	0,64	1,28	0,56	2,3	0,64	1,28	0,56	2,3	0,64	1,28	0,56	2,3	0,64	1,28	0,56	2,3	0,64	1,28	0,56	2,3	0,64	1,28	0,56	2,3
Cooling W7 A35 e ACS W65/W12	5,60	1,28	1,55	3,6	8,10	1,28	2,35	3,4	10,40	1,28	3,16	3,3	10,40	3,16	3,16	3,3	11,30	1,28	3,65	3,1	12,80	1,28	4,23	3,0



COOLING + DHW WITH ENERGY RECOVERY

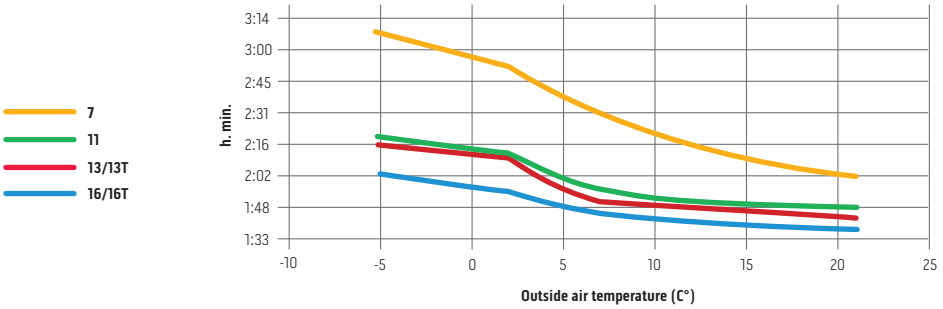
During summer operation in cooling mode, the cycle dedicated to DHW production extracts heat from return water from the system circuit.

The cooling requirements of the building is partially satisfied by the DHW cycle and the comfort refrigerating cycle must deliver less power by reducing the speed of the inverter compressor.

The heat taken from the system is recovered in hot water for domestic use.
The efficiency of the integrated system increases (ratio between the energy produced and the energy absorbed from the mains).

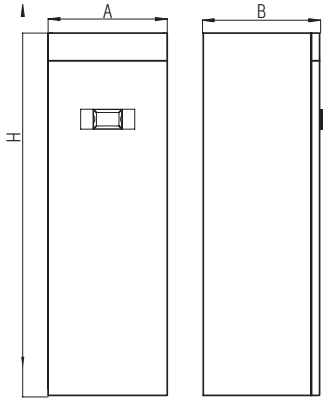
LOADING TIME OF BOILERS With 150 litre tank, with 15-65 °C water

The patented Aquadue® double cycle allows rapid loading times of boilers, up to 40% faster than an equally capacious heat pump boiler.*



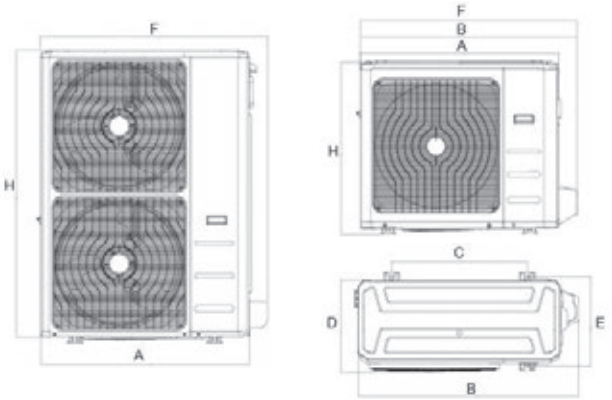
INTERNAL UNIT

		AQUADUE TOWER 7	AQUADUE TOWER 11	AQUADUE TOWER 13	AQUADUE TOWER 13T	AQUADUE TOWER 16	AQUADUE TOWER 16T
		SMALL		BIG			
A	mm	600	600	600	600	600	600
B	mm	600	600	600	600	600	600
H	mm	1980	1980	1980	1980	1980	1980
Weight	kg	171	171	173	173	173	173



EXTERNAL UNIT S1

		7	11	13	13T	16	16T
		CESHH24EI	CESHH36EI	CESHH48EI	CESTH48EI	CESHH60EI	CESTH60EI
		MONO-FAN		DOUBLE FAN			
A	mm	845	946	952	952	952	952
B	mm	914	1030	1045	1045	1045	1045
C	mm	540	673	634	634	634	634
D	mm	363	410	415	415	415	415
E	mm	350	403	404	404	404	404
F	mm	915	1036	1032	1032	1032	1032
H	mm	702	810	1333	1333	1333	1333
Weight	kg	49	67	95	108	95	113



Code B0665 - HEATING CABLE KIT

Prevents the formation of ice on the bottom of the external unit in the event of prolonged operation in particularly severe conditions.

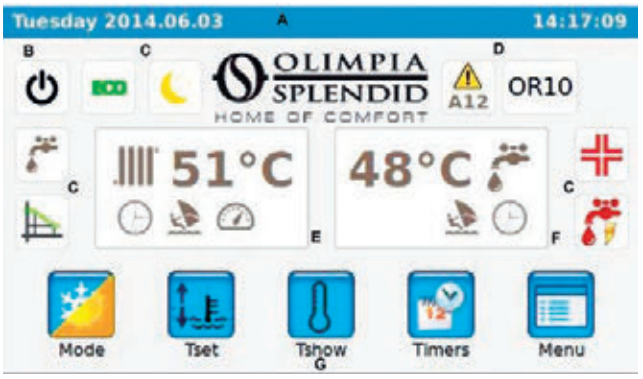
* Olimpia Splendid internal tests.

TOUCH SCREEN INTERFACE
SHERPA AQUADUE - SHERPA AQUADUE TOWER

HOME PAGE

The home page shows the following information:

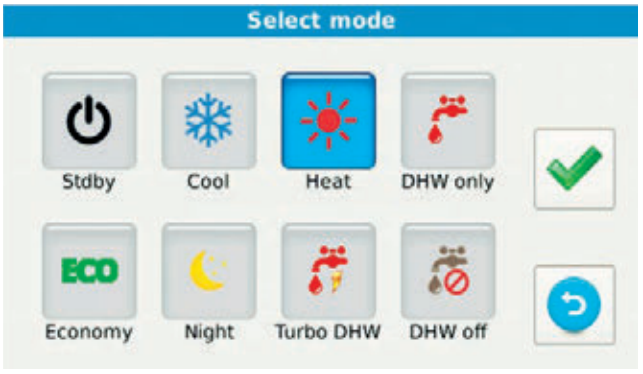
A - Date and time system
B - Current Active Mode (Stand-by, cooling, heating, only DHW)
C - Activated features (climate curve, DHW Turbo, DHW OFF, anti legionella, Night, ECO
D - Alarms/overrides (flashing)
E - Temperature values water system, active system timers, Holiday, Rating
F - Temperature values DHW water boiler, active timers domestic hot water, Holiday
G - Activation icons:
Mode: operating mode
Tset: system and domestic set point
Tshow: reading of temperature sensors
Timers: time programming
Menu: machine functions



OPERATING MODES

Touching the Mode icon, you can access the operating modes configuration page. The selection icons for all available operating modes are on this page:

- Stand-by, the system is off
- Cooling, the system produces cold water until it reaches the set-point (set point fixed or dynamically defined by climatic curve)
- Heating the system produces hot water up to the set-point (set point fixed or dynamically defined by climatic curve)
- ECO, energy savings (if climate curve active the ECO set point is not considered)
- Night, the system limits the yield and noise of the outside unit
- Turbo DHW, the system produces hot water using the entire power of the outdoor unit up to the limit set.

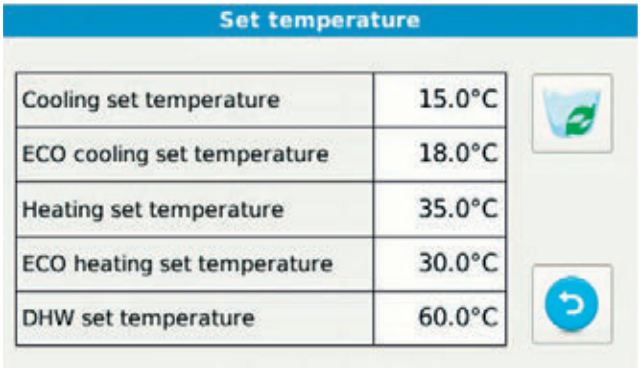


SET POINT

Tapping the Tset icon, you can access the configuration page of the set point.

- Cooling water temperature
- ECO cooling water temperature
- Heating water temperature
- ECO heating water temperature
- Domestic hot water temperature (external boiler set point).

The set points for heating and cooling are not considered by the control in the case where the climate curve mode set-point is enabled.
Set point values are changed with a simple touch of the set value.

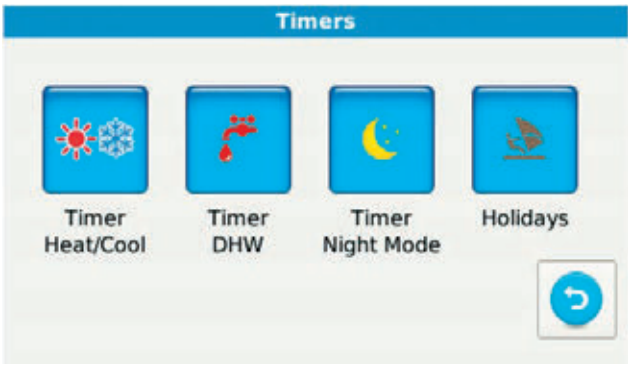


TIMERS

Tapping the Timers icon you can access available programs.

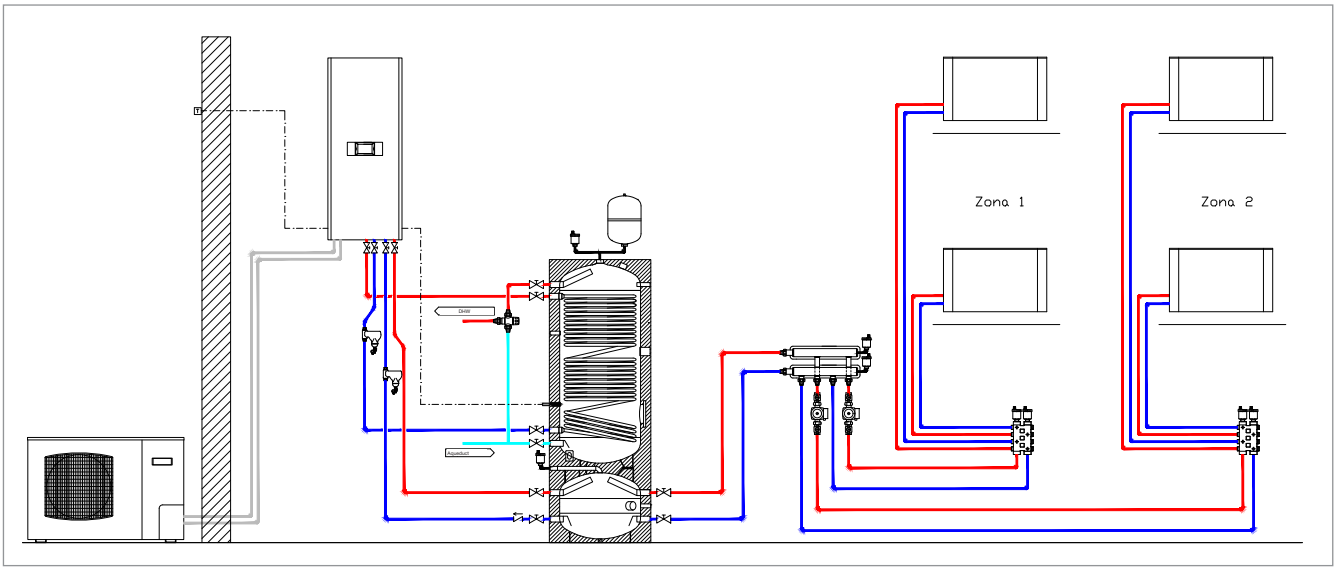
- Timer heating/cooling
- Timer DHW
- Timer night
- Holidays

Tapping the "Timer Heat/ Cool" r " DHW Timer" or "Timer Night" icon, you can access the page where the activation bands of each timer can be visualized.

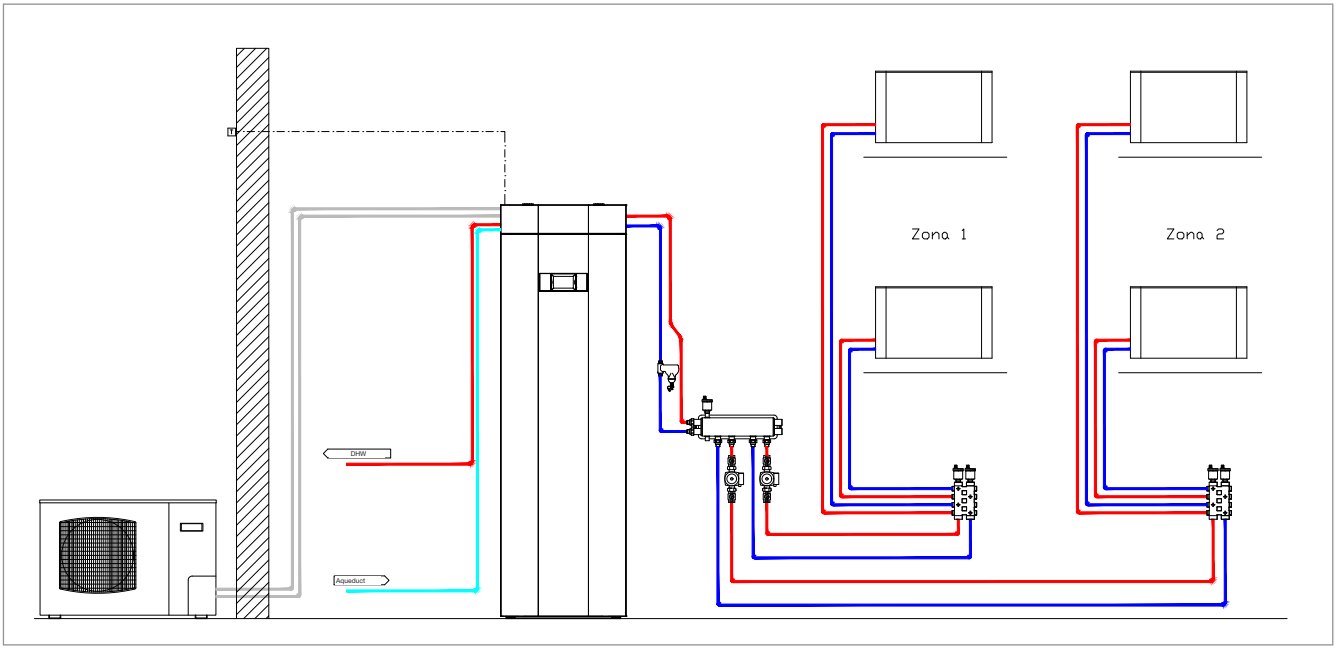


PLANT LAYOUTS
SHERPA AQUADUE - SHERPA AQUADUE TOWER

SHERPA AQUADUE heat pump (heating and cooling; high-temperature DHW production); fan coil terminals Bi2 SLR; example of two zone layout with simple manifold and integrated inertial storage tank for the cooling plant.

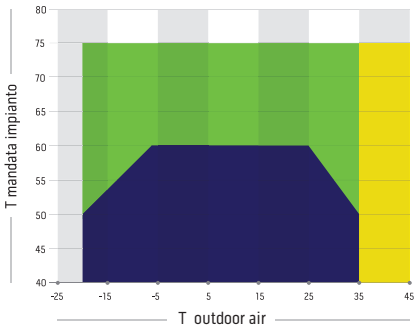


SHERPA AQUADUE heat pump (heating and cooling; high-temperature DHW production); Fan coil terminals Bi2 SLR; example of two zone layout with manifold/separator.



PERFORMANCE AND ENERGY ADVANTAGES

In adverse weather conditions traditional heat pumps decrease thermal output producing water at a lower temperature. Sherpa AQUADUE® as well as extending the area of operation ensures a constant heat output, in the production of Domestic Hot Water.



Optimum area of operation of traditional heat pumps

Area of operation extended - AQUADUE® technology
The double refrigerator circuit allows higher DHW production temperatures thanks to the water-water circuit which are independent of outside air temperature.

Heat recovery area - AQUADUE® technology
in summer cooling operation the refrigeration cycle dedicated to DHW production removes heat from the comfort circuit increasing the overall efficiency of the system.

SHERPA MONOBLOC®

Air-water heat pump **MONOBLOC**

COP > 4 | DHW 60°C

Energy class: 35° A A+

55° A+ A++

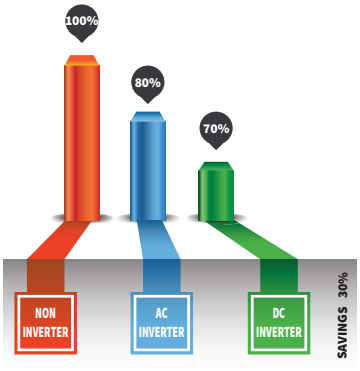
RENEWABLE TECHNOLOGIES

Sherpa uses the heat in the air, and transfers it to system terminals in an efficient manner. For each kW of electricity consumed, Sherpa is able to produce over 4 of thermal energy. This means that 75% of energy is free, renewable and clean.

COMPACT TECHNOLOGY

The engineering of components has made it possible to insert a 3-way valve for the management of Domestic Hot Water.
The reduced size allow installation inside a kitchen cabinet.

OLIMPIA SPLENDID'S INVERTER DC TECHNOLOGY



SMART CONTROL

The control is extremely flexible and the following interfaces can be used:
1- The programmable thermostat with easy-to-read liquid crystal display. It contains the most advanced functions for controlling the various types of heat pump systems. The operating logic considers the climatic season and the heat load required and consequently adjusts the frequency of the motor on the basis of the difference between outdoor environment temperature and water flow temperature.
2- The remote control
3- Potential-free contacts

FEATURES

Provides DHW with temperatures up to 60 ° C

Climatic curves based on outside air temperature:
two for cooling and twelve for heating or it's possible to add the customized climatic curves. The climatic curves allow you to change the system temperature according with external climate conditions, adjusting the heat input to the heat requirements of the building in order to obtain energy savings.

Two configurable set points in cooling, **Two configurable set points** in heating.

Anti-freeze protection: managed by the software.

Daily programmer with night mode:
Night mode provides energy savings of up to 20%. Complete management of antilegionella cycles.

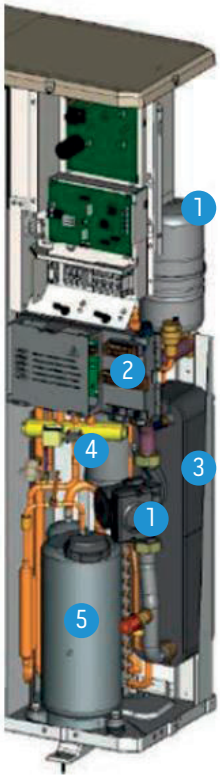
Remote control panel with possibility of environment temperature and humidity control.

Refrigerant gas R410A.*

CONTROLS

Programmable thermostat
(included as per standard)

Remote control
(additional Code B0812)



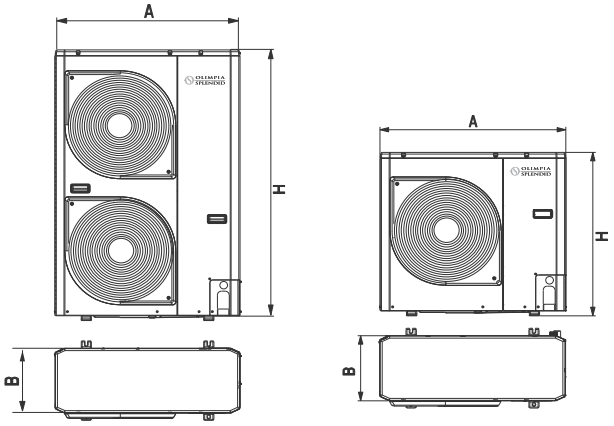
1. Hydronic module (as per standard):
   - variable displacement pump
   - expansion vessel (2 or 3 litre)
   - automatic venting and safety valve
2. Electric control board
3. Plate heat exchanger
4. Reversible gas circuit (4-way valve)
5. Twin-Rotary Inverter DC compressor
6. External air sensor probe

* Non hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

SHERPA MONOBLOC®

		MONOBLOC 4	MONOBLOC 6	MONOBLOC 8	MONOBLOC 12	MONOBLOC 15	MONOBLOC 12T	MONOBLOC 15T
Outdoor Unit	Cod.	01674	01675	01676	01677	01678	01679	01680
refrigerant/water exchanger		Brazed plates	Brazed plates	Brazed plates	Brazed plates	Brazed plates	Brazed plates	Brazed plates
Heating capacity (a)	kW	4,07	5,76	7,16	11,86	12,00	12,00	15
COP (a)	W/W	4,15	4,28	3,97	3,95	4,09	4,30	4,20
Heating capacity (b)	kW	2,80	3,75	4,36	7,83	8,98	7,68	8,49
COP (b)	W/W	2,60	2,77	2,81	2,85	2,81	2,82	2,75
Heating capacity (c)	kW	3,87	5,76	7,36	12,91	13,96	11,20	14,50
COP (c)	W/W	3,26	3,05	3,19	3,03	3,23	3,35	3,30
Heating capacity (d)	kW	2,70	3,76	4,45	7,43	8,98	6,23	8,40
COP (d)	W/W	2,40	2,31	2,34	2,31	2,34	2,39	2,39
Cooling capacity (e)	kW	4,93	7,04	7,84	13,54	16,04	16,00	16,00
EER (e)	W/W	4,20	3,70	3,99	3,66	3,85	4,15	3,81
Cooling capacity (f)	kW	3,33	4,73	5,84	10,24	13,04	10,20	13,00
EER (f)	W/W	3,00	3,00	2,98	2,96	3,00	3,00	2,91
Energy efficiency class heating mode 35°/55 °C		A+ A++	A+ A++	A A+	A+ A+	A+ A++	A+ A++	A+ A++
Sound pressure heating mode (g)	dB(A)	42	42	44	47	48	48	48
Sound power heating mode (g)	dB(A)	62	62	64	67	68	68	68
Sound pressure cooling mode (h)	dB(A)	44	44	45	48	49	49	49
Sound power cooling mode (h)	dB(A)	64	64	65	68	69	69	69
Capacity of expansion vessel	l	2	2	2	3	3	3	3
Power supply	V/ph/ Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	400/3/50	400/3/50
Maximum current absorption	A	9	11	14,50	20,70	22,60	11,10	11,10
Hydraulic connections	"	1	1	1	1	1	1	1
refrigerant gas (i)		R410A	R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant gas charge	Kg	1,195	1,35	1,81	2,45	3,385	2,45	3,385

(a) Heating mode, inlet/outlet water temperature 30°C/35°C, outdoor air temperature 7°C d.b./6°C w.b.
(b) Heating mode, inlet/outlet water temperature 30°C/35°C, outdoor air temperature -4°C d.b./-2°C w.b.
(c) Heating mode, inlet/outlet water temperature 40°C/45°C, outdoor air temperature 7°C d.b./6°C w.b.
(d) Heating mode, inlet/outlet water temperature 40°C/45°C, outdoor air temperature -4°C d.b./-2°C w.b.
(e) Cooling mode, inlet/outlet water temperature 23°C/18°C, outdoor air temperature 35°C
(f) Cooling mode, inlet/outlet water temperature 12°C/7°C, outdoor air temperature 35°C
(g) Heating mode, inlet/outlet water temperature 47°C/55°C, outdoor air temperature 7°C d.b./6°C w.b.
(h) Cooling mode, inlet/outlet water temperature 12°C/7°C, outdoor air temperature 35°C
(i) Equipment not hermetically sealed containing fluorinated gases with an equivalent GWP of 2088



EXTERNAL UNIT

EXTERNAL UNIT		MONOBLOC 4	MONOBLOC 6	MONOBLOC 8	MONOBLOC 12	MONOBLOC 15	MONOBLOC 12T	MONOBLOC 15T
		MONO-VENT			DOUBLE VENT			
A	mm	908	908	908	908	908	908	908
B	mm	350	350	350	350	350	350	350
H	mm	821	821	821	1363	1363	1363	1363
Peso	Kg	57	61	69	104	112	116	116

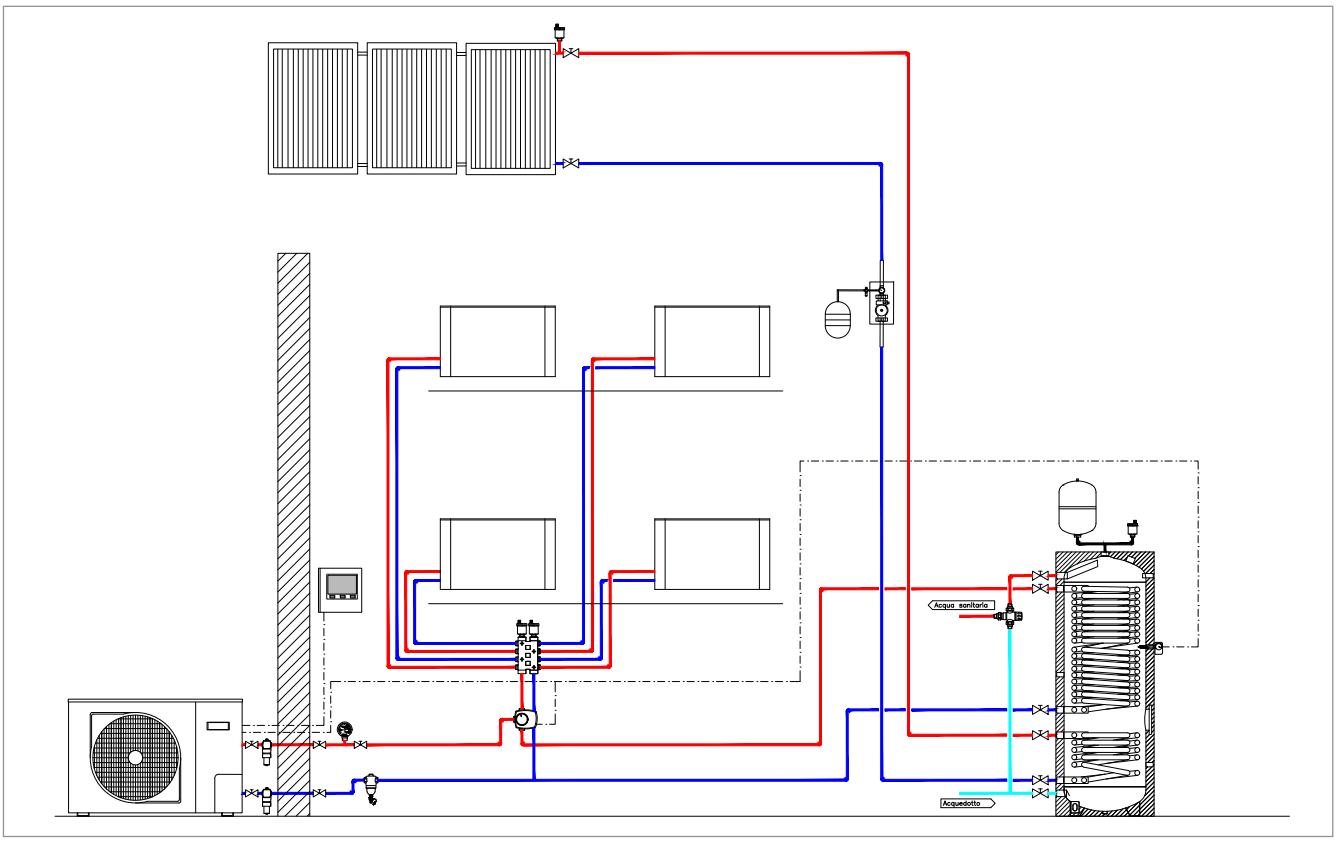
Code B0622 - 3-WAY VALVE KIT FOR DOMESTIC HOT WATER.
- Compact size
- Two point control

Code B0814 - OUTDOOR AIR SENSOR KIT (Optional)
Sensor screen for measuring ambient air temperature. The sensor is necessary to enable electrical resistors activation and climatic curves.

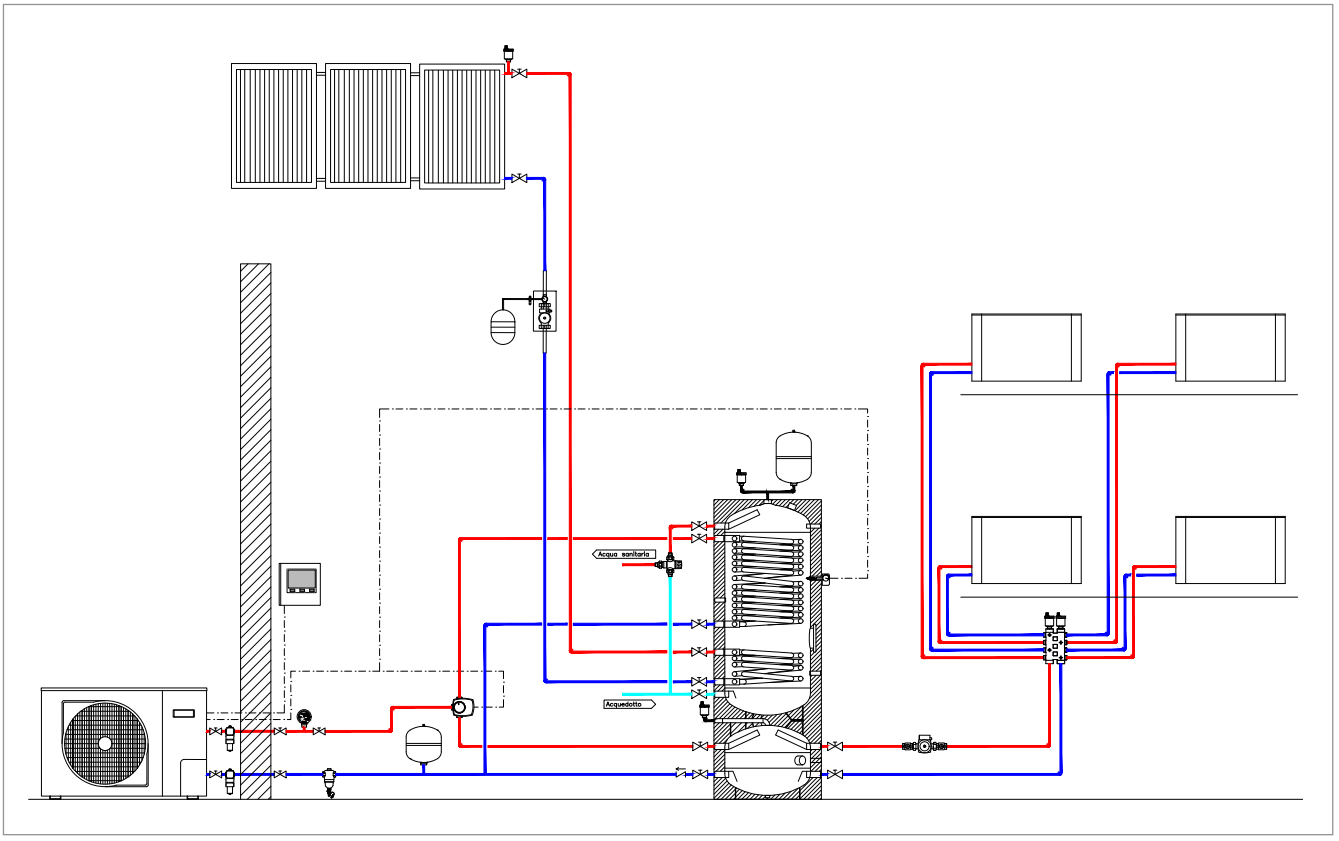
Code B0812 - REMOTE CONTROL KIT (Optional)
Remote control.

PLANT LAYOUTS
SHERPA MONOBLOC

SHERPA MONOBLOC heat pump (heating and cooling; high-temperature DHW production); fan coil terminals Bi2 SLR; DHW integration with solar thermal system.



SHERPA MONOBLOC heat pump (heating and cooling; high-temperature DHW production); fan coil terminals Bi2 SLR; DHW integration with solar thermal system and integrated inertial storage tank for the cooling plant.



SHERPA

Air-water split heat pump.

COP > 4

ACS a 60°C

Energy class: 35° A+

55° A+

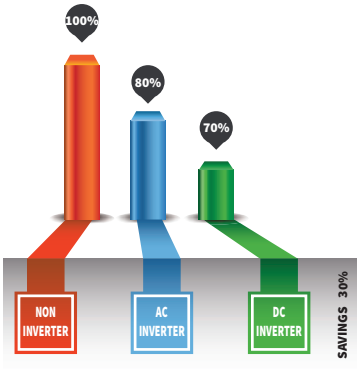
RENEWABLE TECHNOLOGIES

Sherpa uses the heat in the air, and transfers it to system terminals in an efficient manner. For each kW of electricity consumed, Sherpa is able to produce over 4 of thermal energy. This means that 75% of energy is free, renewable and clean.

COMPACT TECHNOLOGY

The engineering of components has made it possible to insert a 3-way valve for the management of Domestic Hot Water.
The reduced size allow installation inside a kitchen cabinet.

OLIMPIA SPLENDID'S INVERTER DC TECHNOLOGY



SMART CONTROL

The smart onboard control panel has been developed by Olimpia Splendid, it's extremely flexible and can be fully configured. It features all the advanced characteristics needed to manage every different kind of heat pump systems. It takes into account the climatic season, the thermal load request and adjusts consequently the operation of the motor on the basis of the difference between the temperature of the external environment and the water supply temperature.

Compatible with: AQUADUE® CONTROL

FEATURES

3-way valve incorporated in the internal module for the deviation of the system water supply to the DHW reservoir: allowing installation simplification.

Provides DHW with temperatures up to 60 ° C

DHW Management: Sherpa can manage DHW with extreme flexibility through two management methods:
water sensor inserted in the boiler or contact thermostat in the tank.

Climatic curves based on the outside air temperature:
two curves are available, one for cooling and one for heating. The climatic curves allow you to change the system temperature according with external climate conditions, adjusting the heat input to the heat requirements of the building in order to obtain energy savings.

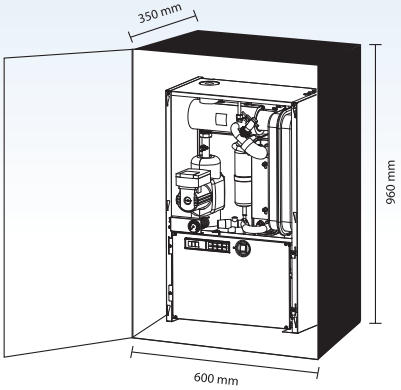
Two configurable set points in cooling, **Three configurable set points** in heating (one of which for DHW): the set points can also be selected by remote contact.

2-stage electric heater: configurable single or double stage which can be activated to support the heat pump, through verification, by electronic control, of the actual thermal capacity of the heat pump. Each stage is activated in accordance with the real need for thermal power, in order to optimize electrical consumption.

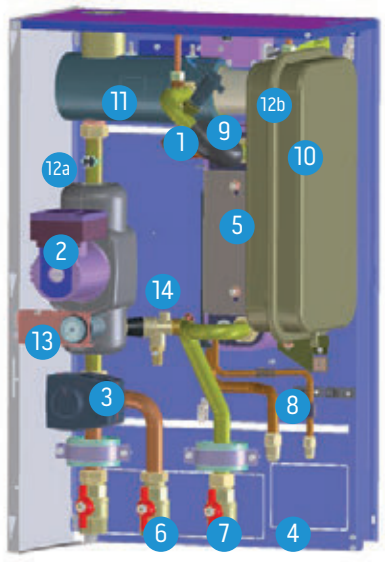
Daily programmer with night mode:
Night mode provides energy savings of up to 20%. Complete management of antilegionella cycles.

Complete management of antilegionella cycles.

Refrigerant gas R410A.*



The engineering of components has made it possible to include necessary components within the machine for system operation and Domestic Hot Water management. The fitting of 3-way valve within the module simplifies installation procedures and reduces work times.



1. Electrical resistance
2. Circulator
3. 3-way valve
4. Return water
5. BPHE Plate exchangers
6. System flow
7. DHW flow
8. Refrigerant circuit connections
9. Flow switch
10. Expansion vessel
11. Automatic air vent
12. Electrical resistance safety thermostats
13. Gauge
14. 3 bar security valve

* Non hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

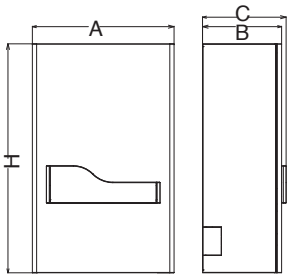
SHERPA

		SHERPA 7	SHERPA 11	SHERPA 13	SHERPA 13T	SHERPA 16	SHERPA 16T
Indoor unit standard		599501A		599503A			
indoor unit with 3-way integrated valve		599505A		599500A			
Outdoor Unit S1		OS CESHH24EI	OS-CESHH36EI	OS-CESHH48EI	OS-CESTH48EI	OS-CESHH60EI	OS-CESTH60EI
refrigerant/water exchanger		Brazed plates	Brazed plates	Brazed plates	Brazed plates	Brazed plates	Brazed plates
Heating capacity (a)		6,50	10,50	12,50	12,50	14	16
COP (a)		4,12	4,14	4,12	4,12	4,11	4,11
Heating capacity (b)		4,30	7,20	8	8	8,50	9,20
COP (b)		2,60	2,65	2,70	2,70	2,40	2,50
Heating capacity (c)		6,50	9,90	12,50	12,50	13,30	14
COP (c)		3,40	3,14	3,21	3,21	3,10	3,10
Heating capacity (d)		3,80	6,20	7,20	7,20	8,50	9
COP (d)		2,30	2	2,10	2,10	2,10	2,10
Cooling capacity (e)		7,90	11,80	12,30	12,50	13,50	15
EER (e)		4,50	4,40	4	4,10	3,80	4
Cooling capacity (f)		5,60	8,10	10,40	10,40	11,30	12,80
EER (f)		3,10	3,08	3	3	2,70	2,80
Energy efficiency class heating mode 35°/55 °C		A+ A+	A+ A+	A+ A+	A+ A+	A+ A+	A+ A+
Sound pressure of indoor unit (g)		35	35	35	35	35	35
Sound power indoor unit		41	41	41	41	41	41
Sound pressure outdoor unit (h)		54/55	56/58	60/60	60/60	60/60	60/62
Sound power outdoor unit		64/65	66/68	70/70	70/70	70/70	70/72
Diameter refrigerant connections		3/8-5/8	3/8-5/8	3/8-5/8	3/8-5/8	3/8-5/8	3/8-5/8
Circulator absorption		40-130	40-130	40-130	40-130	40-130	40-130
Capacity of expansion vessel		8	8	8	8	8	8
Power supply of indoor unit		230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
maximum current absorption indoor unit (electrical heaters activated)	A	14,10	14,10	27,20	27,20	27,20	27,20
maximum current absorption indoor unit(electrical heaters deactivated)	A	1,1	1,1	1,1	1,1	1,1	1,1
Additional electrical heater elements	kW	1,5 + 1,5	1,5 + 1,5	3 + 3	3 + 3	3 + 3	3 + 3
Hydraulic connections	"	1	1	1	1	1	1
Outdoor unit power supply	V/ph/ Hz	230/1/50	230/1/50	230/1/50	400/3/50	230/1/50	400/3/50
Outdoor unit maximum absorbed current	A	13,5	22	28	8,15	28	11,5
refrigerant gas (i)		R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant gas charge (outdoor unit)	Kg	1,95	3,2	4	4	4	4,3

(a) Heating mode, inlet/outlet water temperature 30°C/35°C, outdoor air temperature 7°C d.b./6°C w.b.
(b) Heating mode, inlet/outlet water temperature 30°C/35°C, outdoor air temperature -2°C d.b./-1°C w.b.
(c) Heating mode, inlet/outlet water temperature 40°C/45°C, outdoor air temperature 7°C d.b./6°C w.b.
(d) Heating mode, inlet/outlet water temperature 40°C/45°C, outdoor air temperature -2°C d.b./-1°C w.b.
(e) Cooling mode, inlet/outlet water temperature 23°C/18°C, outdoor air temperature 35°C
(f) Cooling mode, inlet/outlet water temperature 12°C/7°C, outdoor air temperature 35°C
(g) Sound pressure values measured at a distance of 1 m in semi-anechoic chamber
(h) Sound pressure values measured at a distance of 4 m in a free field
(i) Equipment not hermetically sealed containing fluorinated gases with an equivalent GWP of 2088

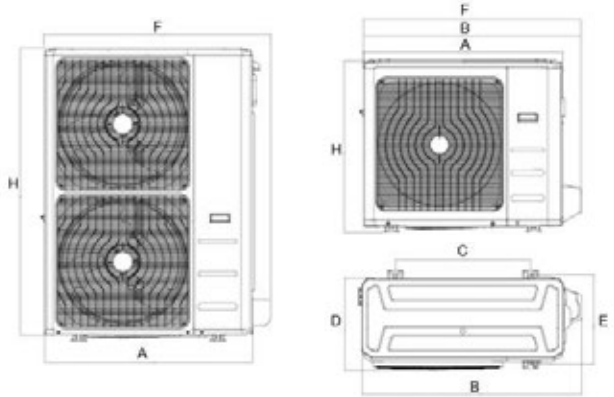
INTERNAL UNIT

		SHERPA 7	SHERPA 11	SHERPA 13	SHERPA 13T	SHERPA 16	SHERPA 16T
		SMALL		BIG			
A	mm	500	500	500	500	500	500
B	mm	280	280	280	280	280	280
C	mm	296	296	296	296	296	296
H	mm	810	810	810	810	810	810
standard weight	Kg	36	36	38	38	38	38
Weight with 3 way valve	Kg	36,3	36,3	38,3	38,3	38,3	38,3



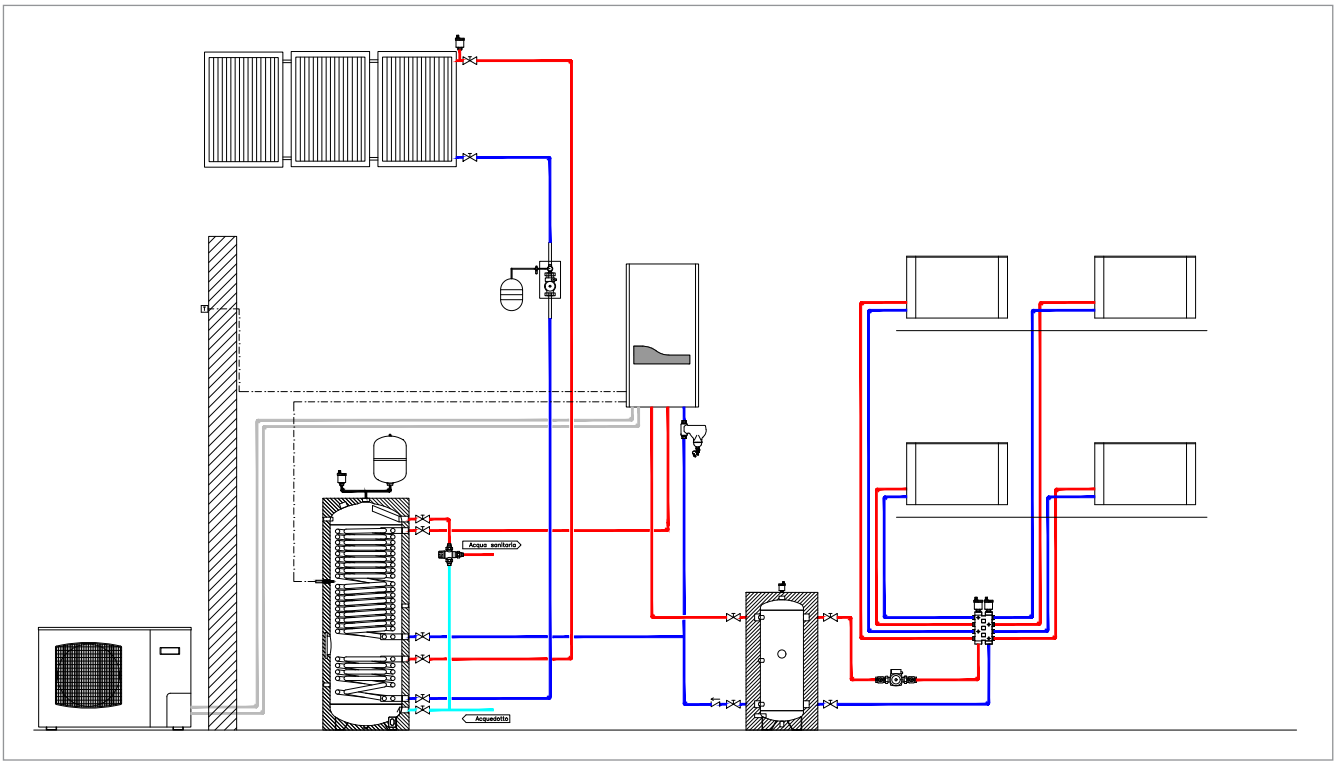
EXTERNAL UNIT S1

		7	11	13	13T	16	16T
		CESHH24EI	CESHH36EI	CESHH48EI	CESTH48EI	CESHH60EI	CESTH60EI
		MONO-VENT		DOUBLE VENT			
A	mm	845	946	952	952	952	952
B	mm	914	1030	1045	1045	1045	1045
C	mm	540	673	634	634	634	634
D	mm	363	410	415	415	415	415
E	mm	350	403	404	404	404	404
F	mm	915	1036	1032	1032	1032	1032
H	mm	702	810	1333	1333	1333	1333
Weight	kg	49	67	95	108	95	113

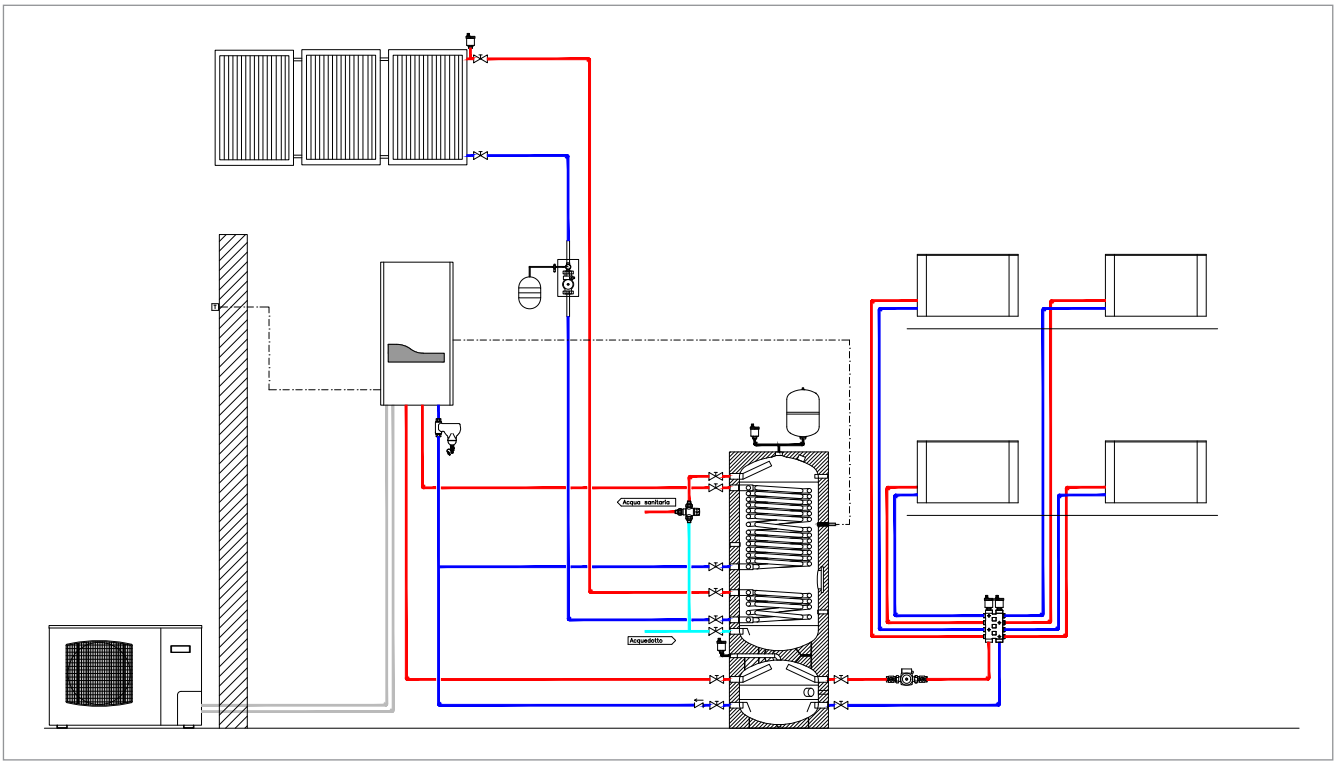


PLANT LAYOUTS
SHERPA

SHERPA heat pump (heating and cooling; high-temperature DHW production); fan coil terminals Bi2 SLR; DHW integration with solar thermal system and inertial storage tank for the cooling plant.



SHERPA heat pump (heating and cooling; high-temperature DHW production); fan coil terminals Bi2 SLR; DHW integration with solar thermal system and integrated inertial storage tank for the cooling plant.



Code BO622 - 3-WAY VALVE KIT FOR DOMESTIC HOT WATER.
- Compact size
- Two point control

Code BO623 - OUTDOOR AIR SENSOR KIT
Sensor screen for measuring ambient air temperature. The sensor is necessary to enable electrical resistors activation and climatic curves.

Code BO624 - DHW BOILER SENSOR KIT
Sensor for measuring and direct control of water temperature in the domestic water storage tank.

Code BO665 - HEATING CABLE KIT
Prevents the formation of ice on the bottom of the external unit in the case of prolonged operation in extreme conditions.

SHERPA range accessories

SHERPA / SHERPA AQUADUE / SHERPA MONOBLOC

OS Code	Description	Cylinder Capacity litres	puffer Capacity litres	Total heigh mm	Diameter with insulation mm	insulation mm	Energy Class	Coil exchangers	Coil surfaces Heat Pump mq	Empty weight kg
01193	Standard cylinder 200 L	200	-	1215	600	50	C 67W	1	1,5	90
01194	Standard cylinder 300 L	300	-	1615	600	50	C 85W	1	1,8	115
01804	High-efficiency HE cylinder 200 L	200	-	1215	640	70	B 51W	1 double coil	3,0	120
01805	High-efficiency HE cylinder 300 L	300	-	1615	640	70	B 63W	1 double coil	4,0	160
01806	High-efficiency HES solar cylinder 300 L	300	-	1615	640	70	B 63W	1 double coil + 1 solar unit	3,7	140
01807	Hybrid HY cylinder 300 L	300	80	1925	690	70	B 73W	1	2,8	150
01808	Hybrid HY solar cylinder 300 L	300	80	1925	690	70	B 73	1 + 1 solar unit	3,3	150
01199	Heat storage 50 L	-	50	935	400	50	B 34W	-	-	25
01200	Heat storage 100 L	-	100	1095	500	50	B 50W	-	-	35

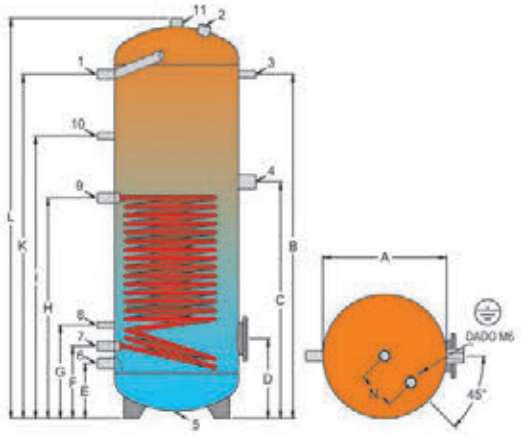
B0618	Resistance for boiler 2 kW
B0666	Resistance for boiler 3 kW
B0617	Flange resistance kit

DHW STANDARD CYLINDERS

energy class C

CYLINDER FOR DOMESTIC HOT WATER PRODUCTION

Cylinder with 1 carbon steel coil, complete with anodic protection, internal vitrification treatment in compliance with DIN 4753-3 and EN 10025 Standards. Insulation: Rigid polyurethane with thickness of 50 mm



N°	TYPE OF ATTACHMENT	200 ÷ 300
1.	Hot water flow	1"
2.	Anode	1" 1/4
3.	Thermometer-Probe	1/2"
4.	Electric heating element	1" 1/2
5.	Pallet attachment (blind)	1/2"
6.	Cold water inlet	1"
7.	Coil return	1"
8.	Thermostat	1/2"
9.	Coil flow	1"
10.	Recirculation	1/2"
11.	Hot water flow	1" 1/4

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N
200	500	1000	810	320	220	290	375	750	835	-	975	1215	-	150
300	500	1390	955	320	220	290	375	890	1165	-	1390	1615	-	150

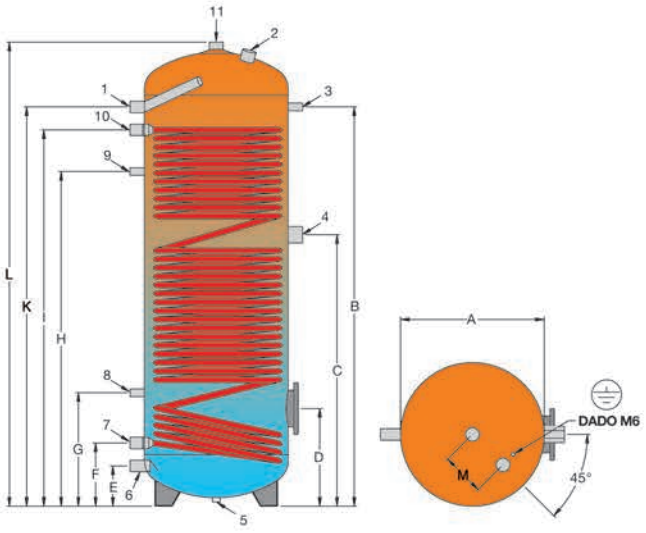
HE/HES HIGH EFFICIENCY DHW CYLINDER

energy class B

CYLINDER FOR DOMESTIC HOT WATER PRODUCTION BY HEAT PUMP (HE) AND SOLAR PANELS (HES)

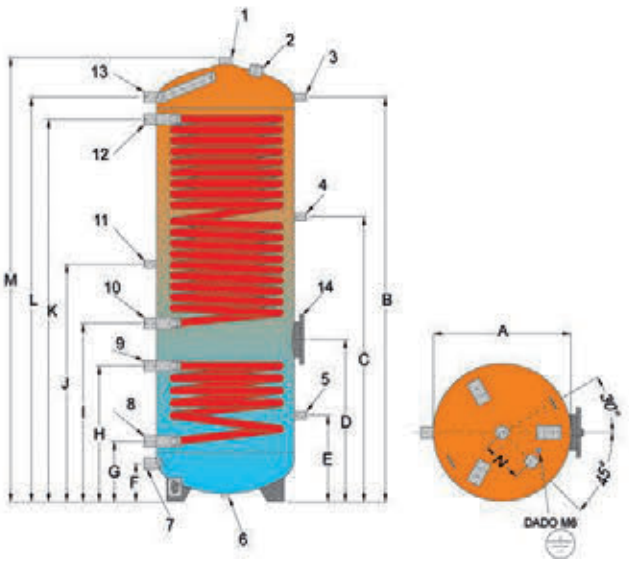
Cylinder with 1 or 2 carbon steel coils with large exchange surface, complete with anodic protection and internal vitrification treatment in compliance with DIN 4753-3 and EN 10025 Standards. Insulation: Rigid polyurethane with thickness of 70 mm.

HE
1 coil cylinder (large surface for heat pump)



N°	TYPE OF ATTACHMENT	200 ÷ 300
1.	Hot water flow	1"
2.	Anode	1" 1/4
3.	Thermometer-Probe	1/2"
4.	Electric heating element	1" 1/2
5.	Pallet attachment (blind)	1/2"
6.	Water inlet	1"
7.	Coil return	1"
8.	Probe	1/2"
9.	Recirculation	1/2"
10.	Coil flow	1"
11.	Hot water flow	1" 1/4

HES
2 coil cylinder (large surface for heat pump+ solar unit)



N°	TYPE OF ATTACHMENT	300
1.	Hot water flow	1" 1/4
2.	Anode	1" 1/4
3.	Thermometer-Probe	1/2"
4.	Thermostat	1/2"
5.	Thermostat	1/2"
6.	Pallet attachment (blind)	1/2"
7.	Cold water inlet	1"
8.	Lower coil return	1"
9.	Lower coil flow	1"
10.	Upper coil return	1"
11.	Recirculation	1/2"
12.	upper coil flow	1"
13.	Hot water flow	1"
14.	Flange with electric heating element attachment	1" 1/2

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N
HE 200	500	995	735	320	140	220	370	835	990	-	1070	1215	150	-
HE 300	500	1390	945	340	140	220	395	1165	1310	-	1390	1615	150	-
HES 300	500	1470	1035	590	315	140	220	495	650	865	1390	1470	1615	150

SHERPA range accessories

SHERPA / SHERPA AQUADUE / SHERPA MONOBLOC

HYBRID HY/HYS DHW CYLINDERS

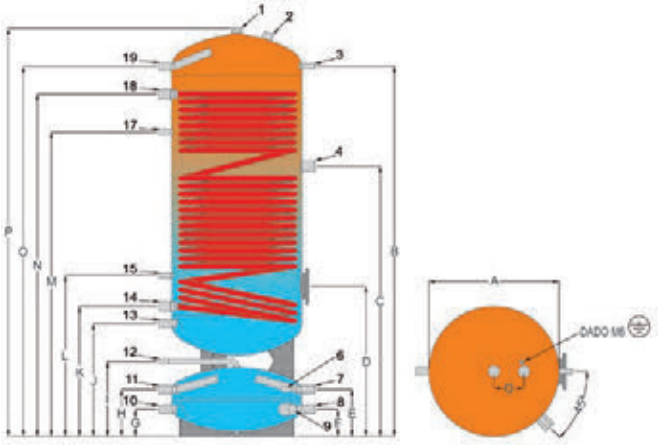
energy class B

COMBINED HEAT STORAGE UNIT: CYLINDER FOR DOMESTIC HOT WATER PRODUCTION BY HEAT PUMP (HY) AND SOLAR PANELS (HYS) AND INERTIAL STORAGE FOR THE PLANT WATER

Upper cylinder with 1 or 2 carbon steel coils with large exchange surface, complete with anodic protection and internal vitrification treatment in compliance with DIN 4753-3 and EN 10025 Standards. Lower storage tank for heating or cooled water, interior not treated.

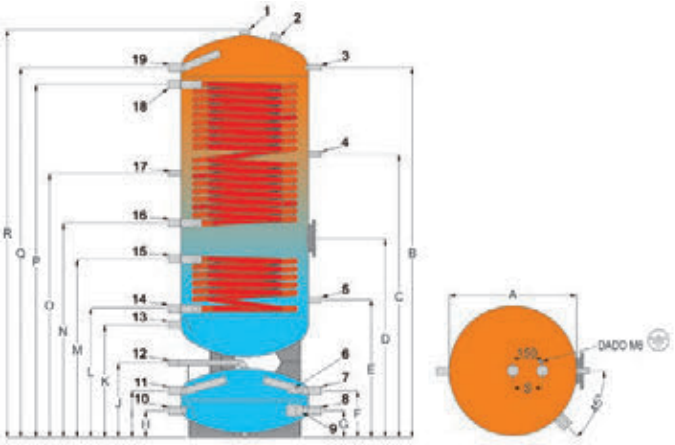
Insulation: Rigid polyurethane with thickness of 70 mm

HY
1 coil cylinder
(for heat pump + buffer tank)



N°	TYPE OF ATTACHMENT	300
1.	Domestic hot water flow	1" 1/4
2.	Anode	1" 1/4
3.	Thermometer	1/2"
4.	Probe	1" 1/2
6.	Probe	1/2"
7.	Boiler flow	1"
8.	Boiler return	1"
9.	Electric heating element	1" 1/2
10.	Heating system return	1"
11.	Heating system flow	1"
12.	Vent	1/2"
13.	Domestic cold water inlet	1"
14.	EBD - Lower coil return	1" 1/4
15.	EBD - Lower coil return	1/2"
17.	Recirculation	1/2"
18.	Upper coil flow	1" 1/4
19.	Domestic hot water flow	1"

HYS
2 coil cylinder
(for heat pump + solar unit + buffer tank)



N°	TYPE OF ATTACHMENT	300
1.	Domestic hot water flow	1" 1/4
2.	Anode	1" 1/4
3.	Thermometer	1/2"
4.	EBD - Probe	1/2"
5.	EBD - Probe	1/2"
6.	Probe	1/2"
7.	Boiler flow	1"
8.	Boiler return	1"
9.	Electric heating element	1" 1/2
10.	Heating system return	1"
11.	Heating system flow	1"
12.	Vent	1/2"
13.	Domestic cold water inlet	1"
14.	EBD - Lower coil return	1"
15.	EBD - Lower coil return	1"
16.	EBD - Upper coil return	1"
17.	Recirculation	1"
18.	Upper coil flow	1"
19.	Domestic hot water flow	1"

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
HY 300	550	1755	1300	875	340	160	160	340	505	675	765	940	1425	1675	1755	1925	150	-	-
HYS 300	550	1755	1420	1035	810	340	160	160	340	505	675	755	945	1125	1280	1675	1755	1925	150

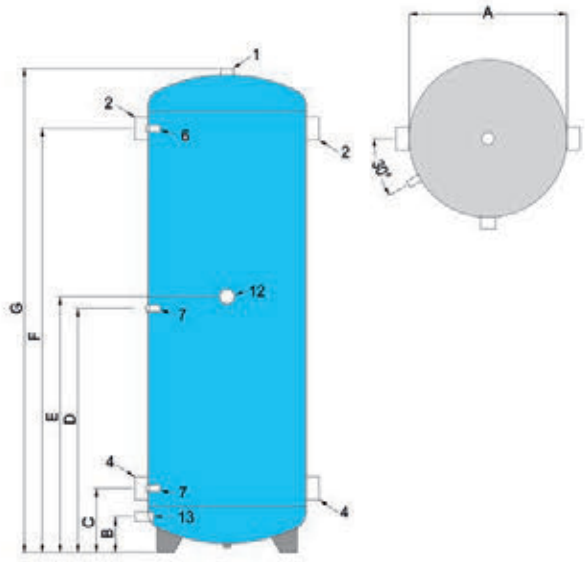
HEAT STORAGE TANKS

energy class B

BUFFER HEAT STORAGE TANKS

Storage tank for cooled water, interior not treated. Can be used also for heating water.

Insulation: Polyurethane 50 mm



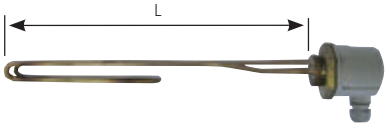
N°	TYPE OF ATTACHMENT	50-100
1.	Vent	1"
2.	boiler flow	1" 1/4
4.	oiler return-heating at 50°C	1" 1/4
5.	oiler return-heating at 30°C	1/2"
6.	thermometer	1/2"
7.	probe	1/2"
12.	Electric heating element	1" 1/2
13.	Drain	1/2"

Model	A	B	C	D	E	F	G
50	300	100	180	485	530	785	935
100	400	100	185	560	605	935	1095

OPTIONAL

ELECTRIC HEATING ELEMENTS

Copper immersion heating element, IP 65, with internal adjustable thermostat and temperature limiter.



Cod.	W	V	KG	L MM	ATT.
B0618	2000	230	1,5	390	1"1/2
B0666	3000	230	1,5	390	1"1/2

FLANGE for HEATING ELEMENT

Mandatory accessory for correct positioning of the electric heating elements if used for anti-legionella cycles.

SHERPA **SHW**

Heat pump water heater

COP > 2,6* **DHW a 65°C**

Energy class: **A**

2 VERSIONS:

- **SHERPA SHW 200**
  Standard that envisions the heat pump and the electric heating element with 200 l tank

- **SHERPA SHW 300S**
  With auxiliary coil for use combined with panels with 300 l tank

PHOTOVOLTAIC INTEGRATION

Contact for integration with photovoltaic plant, which forces switch-on and raises the machine set-point. The energy produced by the photovoltaic system is stored to lower the DHW production costs and maximise the energy saving.

MANAGEMENT OF SOLAR ENERGY

Compatible with the solar thermal system: the unit can work with a second energy source such as solar panels.

SMART CONTROL

The effective heat pump set is adjusted by a climatic curve, so that in the case of hot air withdrawn from the outside (over 25°C with water at 65°C, over 35°C with water at 55°C), high pressure alarms are prevented.
The electric heating element automatically integrates the temperature of the tank at the desired set whenever the effective set is adjusted by the climatic curve.

HIGH EFFICIENCY

High efficiency compressor with R134a refrigerant.

DHW PRODUCTION TO -10°C

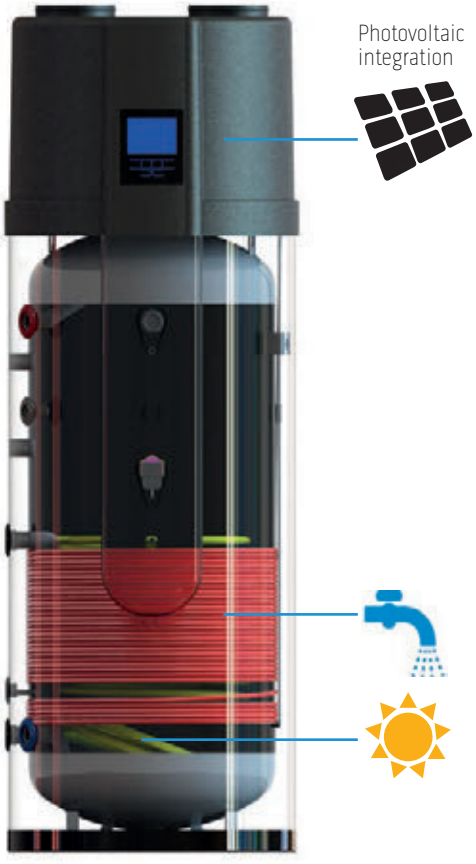
Production of DHW in heat pump mode with air temperature up to -10°C.

* Values obtained with outdoor air temperature 7°C and relative humidity 87%, inlet water temperature 10 °C and temperature set 55°C (EN 16147).

FEATURES

Work range in heat pump mode with air temperature from -10°C to 43 C°.
Carbon steel tank with double layer vitrification.
Anti-corrosion magnesium anode to ensure duration of the tank.
Condenser wound externally on the boiler free from deposits and gas-water contamination.
Thick expanded polyurethane (PU) heat insulation.
Plastic outer coating.
Acoustically insulated plastic upper lid.
High efficiency compressor with R134a refrigerant.
High and low pressure gas safety devices.
Electric heating element available in the come back-up unit (with integrated thermostat with safety device at 90°C), which ensures hot water at constant temperature also in extreme winter conditions.
ON-OFF contact to start the unit from an external switch.
Weekly disinfecting cycle.
Possibility of managing the domestic hot water circulation or solar integration (presence of a dedicated temperature probe, flow meter inlet and command for an outdoor pump).
Electronic expansion valve for prompt control.
Insulation: rigid polyurethane with thickness of 45 mm. Plastic outer coating.
Electronic thermostatic valve.

SHERPA SHW 300S

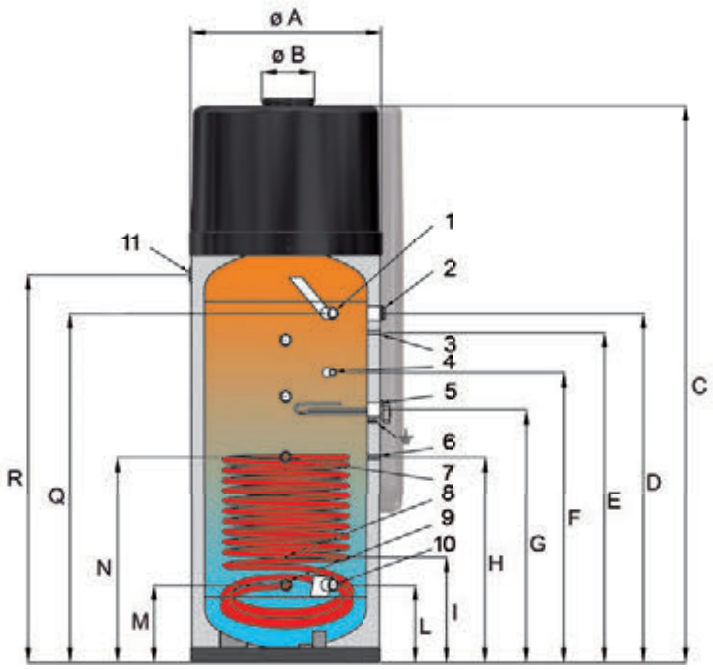


SHERPA SHW 200

SHERPA **SHW**

		SHW 200	SHW 300S
CODE		01809	01810
Tank rated capacity	l	200	300
COP*		2,6	2,6
Energy class		A	A
Minimum air temperature	°C	-10	-10
Maximum air temperature	°C	43	43
Sound power	db(A)	59	59
Average electric consumption	kW	0,56	0,56
Maximum quantity of hot water at 40°C*	l	235	315
Water flow rate maximum operating pressure	Mpa	1	1
Voltage	V/W	220-240	220-240
Electric heating element output	W	1200	1200
Heat output	W	1870	1870
Standard air flow rate	m^3/h	450	450
Minimum volume of the place of installation	m^3	20	20
Empty weight	kg	112	137
Protection rating	IP	IPX1	IPX1
Insulation thickness	mm	45	45
Maximum temperature of the storage room	°C	43	43
Minimum temperature of the storage room	°C	-10	-10
Exchange surface of the solar thermal coil (lower)	m^2	-	1,20
Static pressure available	Pa	60	60
Load Profile		L	L

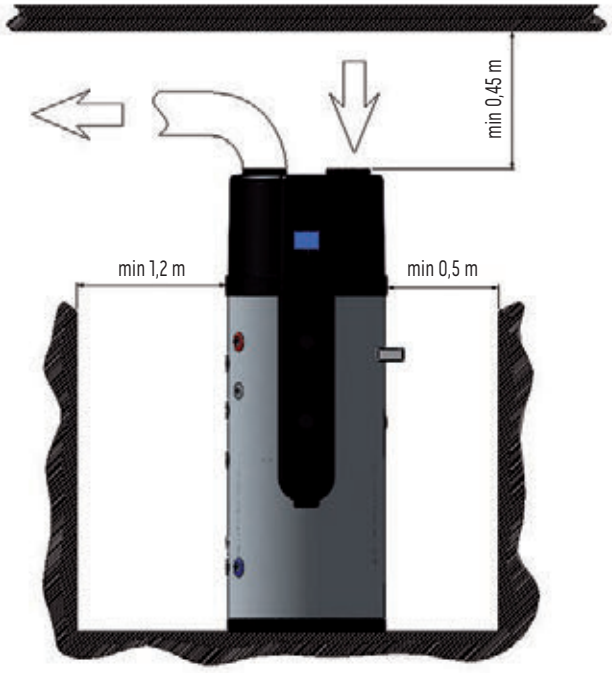
* Values obtained with outdoor air temperature 7°C and relative humidity 87%, inlet water temperature 10 °C and temperature set 55°C (EN 16147).



N°	TYPE OF ATTACHMENT	200 - 300
1.	Hot water flow	1"
2.	Anode	1"1/4
3.	Tank upper temperature probe	ø 10
4.	Recirculation	1/2"
5.	Electric heating element	1"1/4
6.	Tank lower temperature probe	ø 10
7.	solar energy flow	1"
8.	Tank temperature auxiliary probe	ø 10
9.	solar energy return	1"
10.	domestic cold water inlet	1"
11.	Condensate drain	ø 16

Model	A	B	C	D	E	F	G	H	I	L	M	N	O	P	Q	R
200	654	177	1638	1007	862	742	742	567	-	257	257	692	877	927	927	1063
300	654	177	1888	1177	1112	977	852	692	352	257	257	692	897	1087	1177	1313

SAFETY DISTANCES



TERMINAL UNITS

The **B**i2 Range

The **ultraslim** fan coil radiator: one system terminal unit for heating, air conditioning and dehumidification; all in just 12.9 cm.

reddot design award honourable mention 2013

BI2 + was awarded the REDDOT DESIGN HONOURABLE MENTION 2013 award, for the seamless integration of technology and design.

Bi2 + is the winner of the iF product design award 2013 in the Buildings category, selected by an internationally recognized panel of experts and designers.

BI2 is the winner of the GOOD DESIGN AWARD 2014 . Founded in Chicago in 1950, GOOD DESIGN is the oldest and most acknowledged international competition for design excellence.

Made in Italy

WITH A SINGLE TERMINAL UNIT THE ANNUAL COMFORT CYCLE IS MANAGED:

- LOW TEMPERATURE RADIATION
- HEATING FAN
- COOLING
- DEHUMIDIFICATION
- AIR FILTRATION

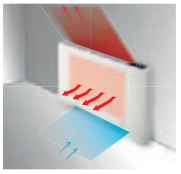
EUROVENT CERTIFIED PERFORMANCE

Olimpia Splendid participates in the EUROVENT: FCU program. The products mentioned are available at www.eurovent-certification.com

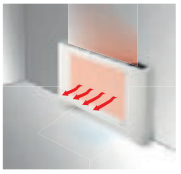
THE **B**I2 **S**YSTEM

The structure of the fan and the electric motor which modulates speed guarantee an extremely uniform air distribution and a homogeneity in ambient temperature.
The whole range provides, depending on the models, three different modes of operation:
-radiant heating + forced convection
-radiant heating +natural convection
-cooling with forced convection

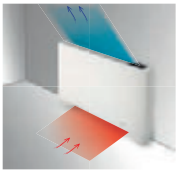
Moreover, the 4 tubes range also provides the mode of operation:
-Simultaneous Cooling + Heating



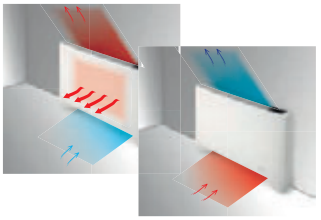
radiant heating + forced convection



radiant heating + natural convection



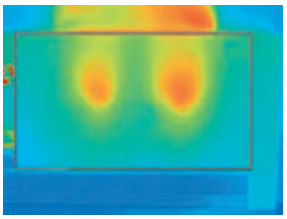
cooling with forced convection



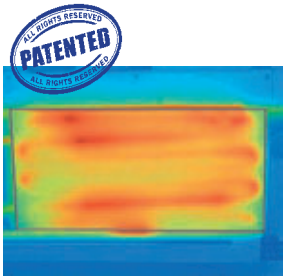
Simultaneous Cooling + Heating

RADIANT TECHNOLOGY

Radiant+ technology, compared to other heating Systems, has a higher static capacity thanks to:
- An average higher surface temperature that means greater radiation capacity
- Greater uniformity in surface warming and therefore a wider radiating surface
- Amplification of natural convection
- A reduction of water content for a faster system flow



non-hydronic radiant systems



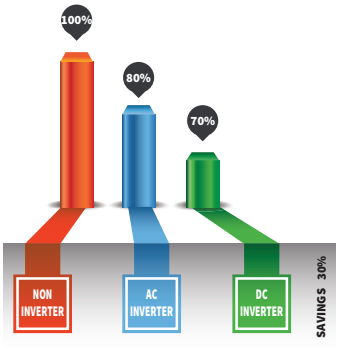
Tubular heating panel OS

SLIM DESIGN

Constant attention to design and to the harmonic integration with the architecture of the buildings, has led Olimpia Splendid to redesign the structure of terminal units, going from the 20-25 cm of depth of a traditional fan coil to only 12,9 cm.

INVERTER SYSTEM

The DC brushless motor adapts the air flow to the ambient thermal load optimizing comfort and reducing consumption, which is typical of inverter technology.
At minimum fan speed total electrical absorption is only 5w.



SILENT TECHNOLOGY

The high efficiency tangential fan enables higher air flow with low noise levels. At steady state silence is absolute, in fact, temperature is kept constant by the heating panel: without ventilation, air flows are 0 dB.

EASY INSTALLATION

Versatile installation: except where differently specified, the Bi2 model can be installed on the wall, on the floor or on the ceiling.

Wall installation.

Floor installation.

Ceiling installation.

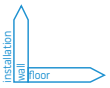
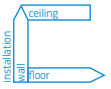
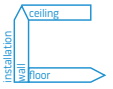
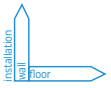
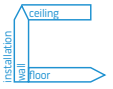
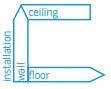
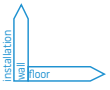
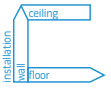
METAL FRAME

The original shapes, lightness and solidity of Bi2 are aesthetic traits made possible by the painted metal frame and body and aluminum grille.

EASY CLEAN

Easy manteinance: the easy removability of air filters and access to the front fan simplify cleaning, even for recessed models.

The **B**i2 Range

		FAN COIL RADIATORS		FAN COIL UNITS	
		AC motor	DC motor	AC motor	DC motor
2 TUBES	CABINET	SLR smart pag. 52  	SLR smart Inverter pag. 56  	SL smart pag. 60  	SL smart Inverter pag. 64  
			SLR+ Inverter pag. 68  		SL+ Inverter pag.72  
				SLN pag. 76  	
	BUILT-IN		SLIR Inverter Naked pag. 80  		SLI Inverter Naked pag. 84  
	HI-WALL				Wall pag. 100  
4 TUBES	CABINET	SLR 4 tubes pag. 88  		SL 4 tubes pag. 92  	
	BUILT-IN			SLI 4 tubes pag. 96  	

Bi2 compatibility

OLIMPIA SPLENDID
HOME OF COMFORT

	description	Code kit	OPTIMUM COMPATIBILITY										
			DC motor						AC motor				
			SLR+	SL+	SLR SMART	SL SMART	SLI R	SLI	SLR SMART	SL SMART	SLN	SL 4T SLR 4T SLI 4T	Compatible AQUADUE Control
Control panel	Built-in inverter control kit	B0686	X	X	X	X							X
	Inverter control kit for remotization	B0685	X	X	X	X	X	X					X
	Basic Built-in control without thermostat	B0658								X	X		
	Built-in Smart control kit	B0659							X	X	X	SL/SLR 4T	
	Built-in inverter Smart control kit	B0673			X	X							
	Built-in control kit	B0371							X	X			X
	Built-in control kit	B0374										SL/SLR 4T	
	Electronic control kit for remotization	B0372							X	X			X
	Electronic control kit for remotization	B0375										X	X
	Electronic control kit for remotization	B0707								X		SL/SLI 4T	
	Kit for remotization	B0643									X		X
	Touch design built-in control kit	B0774			X	X							X
	Touch design built-in control kit	B0772							X	X			X
	Touch flat Built-in control	B0828	X	X									X
	Control kit for remotization 0-10 Volt*	B0756	X	X	X	X	X	X					
	LCD wall clock thermostat remote control kit	B0736	X + B0685	X + B0685	X + B0685	X + B0685	X + B0685	X + B0685	X + B0372	X + B0372	X + B0643	X + B0375	X
	Wall control kit	B0151		X + B0756		X + B0756		X + B0756		X + B0707		SLI 4T	
	Wall control kit	B0152		X + B0756		X + B0756		X + B0756		X + B0707			
Hydraulic kits	Manual 2-way group valves kit**	B0205	X	X	X	X	X	X	X	X		2x4T	
	Manual 2-way valve isolation kit	B0204	X + B0205	X + B0205	X + B0205	X + B0205	X + B0205	X + B0205	X + B0205	X + B0205	X + B0656	X + 2XB0204	
	Manual 2-way group valves kit	B0656									X		
	2 way group valves with thermoelectric actuator kit	B0139 / B0832	X	X	X	X	X	X	X	X			
	2 way group valves with thermoelectric actuator kit	B0825										SLR 4T	
	2 way group valves with thermoelectric actuator kit	B0219										SL/SLI 4T	
	2 way group valves with thermoelectric actuator kit	B0655									X		
	2-way valves group kit with thermoelectric actuator and bypass branch with pressure relief valve	B0641 / B0833	X	X	X	X		X	X	X			
	3 way group valves with thermoelectric actuator kit	B0826										SLR 4T	
	3 way group valves with thermoelectric actuator kit	B0221										SL/SLI 4T	
	3 way group valves with thermoelectric actuator kit	B0635 / B0834	X	X	X	X	X	X	X	X			
	3 way group valves with thermoelectric actuator kit	B0654									X		
	Adaptors couple kit 3/4 Eurokonus - 1/2"	B0200	X	X	X	X	X	X	X	X	X	X	
	Adaptors couple kit 3/4 Eurokonus - 3/4"	B0201	X	X	X	X	X	X	X	X	X	X	
	kit 90° Eurokonus bend	B0203	X	X	X	X	X	X	X	X			
	Spacer kit	B0501	X	X	X	X		X	X	X			
Electrical kits	Minimum temperature thermostat kit	B0336								X + B0658	X + B0658		
	Control connection extension kit	B0459							X	X	X	X	
	Control connection extension kit	B0632	X	X	X	X		X					
	Control connection extension kit	B0633	X	X	X	X		X					

* in case a Bi2 with a heating panel is used, it is necessary that the management system 0-10V supports the heating version (OS radiant+ logic).
** in case a Bi2 with a radiant panel is used, the solenoid valves on the collector managed by the control kit of the Bi2 terminal can substitute the built-in ones.

AQUADUE CONTROL o bticino The manufacturer must program the addresses of the BUS remotization kits

Bi2 smart
SLR smart

Total flat fan coil radiator. No unsightly grill: total and perfect integration with the environment.

BI2 is the winner of the GOOD DESIGN AWARD 2014. Founded in Chicago in 1950, GOOD DESIGN is the oldest and most acknowledged international competition for design excellence.

Design by S. Ercoli & A. Garlandini

FEATURES

Cools, Dehumidifies, Heats and Filters

Terminal with integrated heating panel

Compact: thickness of just 12,9 cm

Range consists of 5 power models

AC Motor

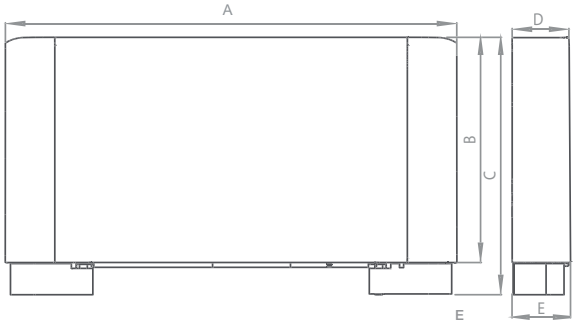
Smart sides

Total Flat Aesthetic with integrated vacuum system

installation:

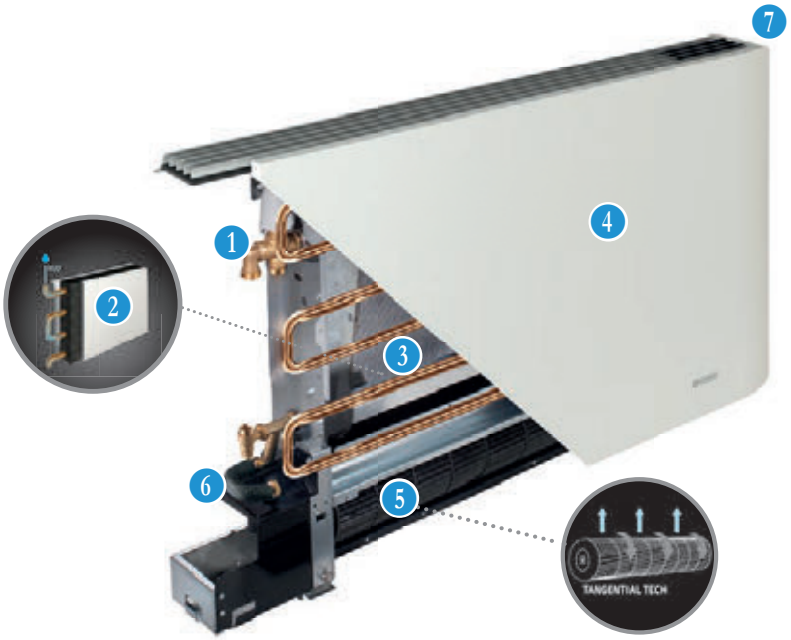
Available in colors: ☐ White

		Bi2 smart with heating panel (SLR smart)				
MODEL		**SLR smart 200**	**SLR smart 400**	**SLR smart 600**	**SLR smart 800**	**SLR smart 1000**
White color	cod.	01417	01418	01419	01420	01421



		200	400	600	800	1000
A	mm	759	959	1159	1359	1559
B	mm	579	579	579	579	579
C	mm	659	659	659	659	659
D	mm	129	129	129	129	129
E	mm	150	150	150	150	150
Weight	kg	13,5	15,5	19,5	22,5	25,5

1. Valve with thermoelectric actuator (accessory kit)
2. Tubular heating panel
3. High Efficiency Coil
4. Water temperature sensor
5. High efficiency tangential fan
6. Condensation collector basin
7. Electronic controls (accessory kit)



		Bi2 SLR smart				
MODEL		200	400	600	800	1000
(a) Total cooling capacity	kW	0,81	1,73	2,53	3,27	3,77
Sensible cooling capacity	kW	0,63	1,24	1,96	2,52	2,97
Water flow rate	lt/h	142	302	446	573	655
Water pressure loss	kPa	13,1	8,2	19	18,7	18,2
(b) Heating capacity (50°C)	kW	1,05	2,31	3,12	4,10	4,67
Water flow rate (50°C)	lt/h	84	185	249	329	374
Water pressure loss (50°C)	kPa	12,2	6,8	15,8	15,5	15,1
(c) Heating capacity (70°C)	kW	1,77	3,88	5,21	6,88	7,83
Water flow rate (70°C)	lt/h	152	334	448	592	673
Water pressure loss (70°C)	kPa	10,9	7,0	14,3	12,7	12,5
Battery water capacity	l	0,47	0,8	1,13	1,46	1,8
Maximum operating pressure	bar	10	10	10	10	10
Water connections	inches	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4	Eurocono 3/4	Eurocone 3/4
(d) Air flow min	m^3/h	100	170	180	370	420
(d)Air flow max	m^3/h	160	320	460	575	650
Absorbed power min	W	6	9	9	17	19
Absorbed power max	W	17	28	35	38	43
Sound power min Lw	dB(A)	38	39	41	39	42
Sound power max Lw	dB(A)	52	53	53	54	54
(g) Sound pressure	dB(A)	34	36	37	35	38
Electrical supply	V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Max capacity static heating (50°C)	kW	0,37	0,42	0,50	0,62	0,77
Max capacity static heating (70°C)	kW	0,59	0,71	0,84	1,04	1,28
Water content heating panel	l	0,3	0,5	0,6	0,7	0,9

Performance at maximum ventilation speed
(a) Water temperature in battery inlet 7°C, water temperature in battery outlet 12°C, ambient air temperature 27°C b.s. and 19°C b.u.
(b) Water temperature in battery inlet 50°C, water flow in cooling + panel, inlet ambient air temperature 20°C
(c) Water temperature in battery inlet 70°C, water temperature in battery outlet 60°C, ambient air temperature inlet 20°C
(d) Air flow measured with clean filters
(g) Sound pressure measured at 1,5 m

ACCESSORIES **SLR** smart

		CODE	DESCRIPTION	COMPATIBILITY
COMANDI AUTONOMI		B0659	**Built-in** electronic control kit. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor connection, and two 230VAC outlets for the control of 2 valves.	
		B0371	**Built-in** electronic control kit. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor contact connection, a 230VAC outlet for the solenoid valve control, and contacts to enable the boiler or chiller.	AQUADUE CONTROL
		B0772	Touch design **built-in** control kit. Back-lit display with desired temperature visualization, real-touch switches, mode of operation and fan speed selection. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor contact connection, a 230VAC outlet for the solenoid valve control. Remote control provided.	AQUADUE CONTROL
COMANDI REMOTI		B0372	Electronic control kit **for remotization**. The main operating parameters, set point and ambient temperature are transmitted from the remote control B0736 to all connected fan coils on the network, enabling a seamless operation. It has a 230VAC outlet for the control of a solenoid valve, two clean contacts for the control of a chiller or a boiler, and a presence inlet. Operation in MODBUSprotocol, RS485.	B0736 AQUADUE CONTROL My Home by bticino
		B0736	LCD **wall clock thermostat remote** control kit. Programmable wall LCD thermostat control for MODBUS connection, RS485. Ability to control up to 30 units. Desired temperature selection, operation mode, fan speed, manual/programmable thermostat. Room sensor inserted in control. Backlit LCD. Presence contact input. The control is equipped with a 230/12VAC double insulation power transformer and a buffer battery. Wall installation with center to center distance compatible with standard recessed mounting box 503.	B0372 AQUADUE CONTROL

		CODE	DESCRIPTION
HYDRAULIC KITS		B0139 B0832	**2 way group valves with thermoelectric actuator kit.** **2-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch.** Consists of a valve with thermoelectric actuator and holder, the first allows for the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses. This kit is mandatory in version SLR except in the case of using a 3-way valve kit or in the presence of a collector with thermoelectric heads.
		B0641 B0833	**2-way valves group kit with thermoelectric actuator and bypass branch with pressure relief valve.** **2-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch and by-pass branch with pressure-relief valve.** The kit consists of a valve with thermoelectric actuator, a holder and a bypass with a pressure relief valve, the first allows the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses while the by-pass maintains the system balanced even with cabinet excluded. This kit is an alternative to the 2-way solenoid valve kit. (Required in SLR version)
		B0635 B0834	**3-way group valves kit with thermoelectric actuator.** **3-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch.** Consists of a three-way diverter valve with thermoelectric actuator, and a holder. The first allows the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses; the by-pass keeps water circulating in the system. This kit is an alternative to the 2-way solenoid valve kit (required in version SLR).
			The valve unit kits with thermoelectric actuator are recommended for the following command kits to activate chiller and boiler: B0659 - B0673 - B0707 - B0774 - B0772 - B0828 - B0756
		B0205	**Manual 2-way group valves kit.** Consisting of a valve and a holder, the first allows the cabinet to be manually excluded from the system, while the holder allows the balancing of system load losses. Also allowed when solenoid valves on the collector are managed by the control kit of terminal Bi2.
		B0204	**Manual 2-way valve isolation kit.** Avoids condensation during the cooling operation (already included in the other thermoelectric hydraulic kits).
		B0501	**Spacer kit (No. 1 unit) 3/4 Eurokonus.** Available for multilayer pipes d. 20 mm. (which do not allow adequate bending radii), no. 1 or 2 kit. for machine according to the type of installation.
		B0200 B0201	**Adaptors couple kit.** Allows you to transform the Bi2 3/4 " Eurocone connection into a standard 1/2 "(B0200) or 3/4 " (B0201) gas thread connection.
		B0203	**kit 90° Eurokonus bend.** Facilitates the connection in case of hydraulic connections with walled pipes
ELECTRICAL KITS		B0459	**Control connection extension kit.** Power and motor sensor electric connection cable for installations where connection positions are rotated (from Left to Right).
AESTHETICAL KITS		B0682	**Feet kit for smart Bi2.** Kit of two aesthetic feet for coverage of any floor pipes. Available in white.
		B0683	**Floor fixing bracket kit Bi2 smart.** Kit support brackets and mounting the floor of the terminal (applications front windows or on non-bearing walls). It also has the function of aesthetic kit (color off white).
		**B0677** (200) **B0678** (400) **B0679** (600) **B0680** (800) **B0681** (1000)	**Back panel in painted sheet (For front glass applications).**

Bi2 smart

SLR smart **inverter**

Total flat inverter fan coil radiator.

No unsightly grill, total and perfect integration with the environment.

BI2 is the winner of the GOOD DESIGN AWARD 2014. Founded in Chicago in 1950, GOOD DESIGN is the oldest and most acknowledged international competition for design excellence.

Design by S. Ercoli & A. Garlandini

FEATURES

Cools, Dehumidifies, Heats and Filters

Terminal with integrated heating panel

Compact: thickness of just 12,9 cm

Range consists of 5 power models

DC brushless Motor

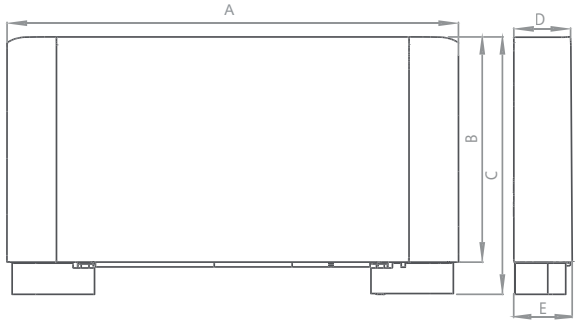
Smart sides

Total Flat Aesthetic with integrated vacuum system

installation:

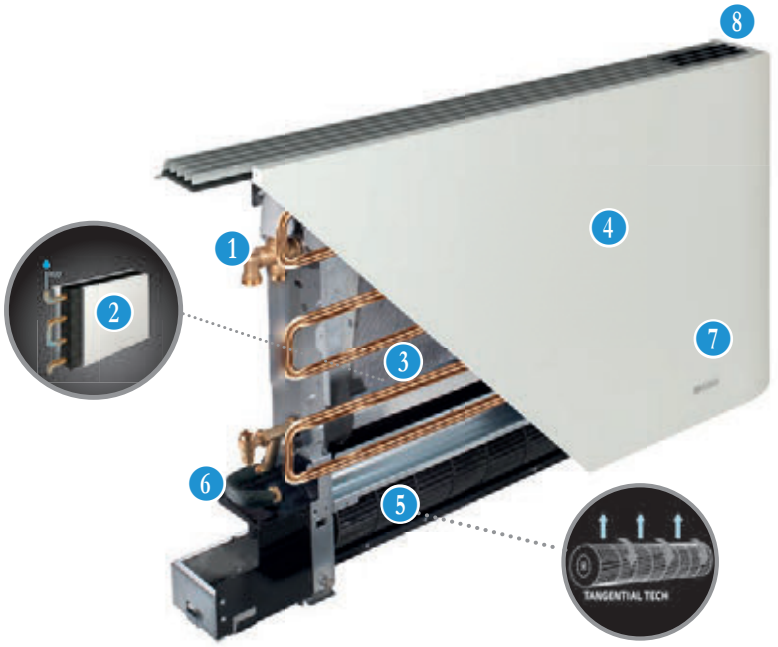
Available in colors: ☐ White

		BI2 Smart with heating panel (SLR Smart Inverter)				
MODEL		**SLR smart 200**	**SLR smart 400**	**SLR smart 600**	**SLR smart 800**	**SLR smart 1000**
White	cod.	01629	01630	01631	01632	01633



		200	400	600	800	1000
A	mm	759	959	1159	1359	1559
B	mm	579	579	579	579	579
C	mm	659	659	659	659	659
D	mm	129	129	129	129	129
E	mm	150	150	150	150	150
Weight	kg	13,5	15,5	19,5	22,5	25,5

1. Valve with thermoelectric actuator (accessory kit)
2. Tubular heating panel
3. High Efficiency Coil
4. Water temperature sensor
5. High efficiency tangential fan
6. Condensation collector basin
7. DC brushless inverter motor
8. Electronic controls (accessory kit)



		BI2 SLR smart inverter				
MODEL		200	400	600	800	1000
(a) Total cooling capacity	kW	0,82	1,74	2,54	3,29	3,78
Sensible cooling capacity	kW	0,64	1,25	1,94	2,54	2,98
Water flow rate	lt/h	142	302	446	573	655
Water pressure loss	kPa	13,1	8,2	19	18,7	18,2
(b) Heating capacity (50°C)	kW	1,05	2,31	3,12	4,10	4,67
Water flow rate (50°C)	lt/h	84	185	249	329	374
Water pressure loss (50°C)	kPa	10,9	6,8	15,8	15,5	15,1
(c) Heating capacity (70°C)	kW	1,77	3,88	5,21	6,88	7,83
Water flow rate (70°C)	lt/h	152	334	448	592	673
Water pressure loss (70°C)	kPa	10,9	7,0	14,3	12,7	12,5
Battery water capacity	l	0,47	0,8	1,13	1,46	1,8
Maximum operating pressure	bar	10	10	10	10	10
Water connections	inches	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4
(d) Air flow min	m^3/h	100	170	180	370	420
(d)Air flow max	m^3/h	160	320	460	575	650
Absorbed power min	W	5	6	7	8	9
Absorbed power max	W	11	19	20	24	27
Sound power min Lw	dB(A)	38	39	41	42	42
Sound power max Lw	dB(A)	52	53	53	54	54
(g) Sound pressure	dB(A)	34	36	37	35	38
Electrical supply	V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Max capacity static heating (50°C)	kW	0,37	0,42	0,50	0,62	0,77
Max capacity static heating (70°C)	kW	0,59	0,71	0,84	1,04	1,28
Water content heating panel	l	0,3	0,5	0,6	0,7	0,9

Performance at maximum ventilation speed
(a) Water temperature in battery inlet 7°C, water temperature in battery outlet 12°C, ambient air temperature 27°C b.s. and 19°C b.u.
(b) Water temperature in battery inlet 50°C, water flow in cooling + panel, inlet ambient air temperature 20°C
(c) Water temperature in battery inlet 70°C, water temperature in battery outlet 60°C, ambient air temperature inlet 20°C
(d) Air flow measured with clean filters
(g) Sound pressure measured at 1,5 m

ACCESSORIES **SLR** smart **inverter**

		CODE	DESCRIPTION	COMPATIBILITY
ON BOARD CONTROL		**B0686**	**Built-in** Bi2 inverter control kit. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor contact connection, a 230VAC outlet for the solenoid valve control, and contacts to enable the boiler or chiller.	AQUADUE CONTROL
		**B0673**	**Built-in** electronic autonomous control kit. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor connection, and two 230VAC outlets for the control of 2 solenoid valves.	
		**B0774**	**Touch flat built-in** control kit. Back-lit display with desired temperature visualization, real-touch switches, mode of operation and fan speed selection. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor contact connection, a 230VAC outlet for the solenoid valve control. Remote control provided.	AQUADUE CONTROL
REMOTE CONTROL		**B0685**	Bi2 inverter control kit **for remotization**. The main operating parameters, set point and ambient temperature are transmitted from the remote control B0736 to all connected fan coils on the network, enabling a seamless operation. It has a 230VAC outlet for the control of a solenoid valve, two clean contacts for the control of a chiller or a boiler, and a presence inlet. Operation in MODBUSprotocol, RS485.	B0736 AQUADUE CONTROL My Home by bticino
		**B0756**	Control kit **for remotization** for the management and control through analogic inlet 0-10V or contacts. It has a 230VAC outlet for the control of one solenoid valve and a water sensor inlet with minimum temperature sensor function (in the contact mode)	
		**B0736**	LCD **wall clock thermostat remote** control kit. Programmable wall LCD thermostat control for MODBUS connection, RS485. Ability to control up to 30 units. Desired temperature selection, operation mode, fan speed, manual/programmable thermostat. Room sensor inserted in control. Backlit LCD. Presence contact input. The control is equipped with a 230/12VAC double insulation power transformer and a buffer battery. Wall installation with center to center distance compatible with standard recessed mounting box 503.	B0685 AQUADUE CONTROL

		CODE	DESCRIPTION
HYDRAULIC KITS		B0139 B0832	**2 way group valves with thermoelectric actuator kit.** **2-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch.** Consists of a valve with thermoelectric actuator and holder, the first allows for the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses. This kit is mandatory in version SLR except in the case of using a 3-way valve kit or in the presence of a collector with thermoelectric heads.
		B0641 B0833	**2-way valves group kit with thermoelectric actuator and bypass branch with pressure relief valve.** **2-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch and by-pass branch with pressure-relief valve.** The kit consists of a valve with thermoelectric actuator, a holder and a bypass with a pressure relief valve, the first allows the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses while the by-pass maintains the system balanced even with cabinet excluded. This kit is an alternative to the 2-way solenoid valve kit. (Required in SLR version)
		B0635 B0834	**3-way group valves kit with thermoelectric actuator.** **3-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch.** Consists of a three-way diverter valve with thermoelectric actuator, and a holder. The first allows the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses; the by-pass keeps water circulating in the system. This kit is an alternative to the 2-way solenoid valve kit (required in version SLR).
			The valve unit kits with thermoelectric actuator are recommended for the following command kits to activate chiller and boiler: B0659 - B0673 - B0707 - B0774 - B0772 - B0828 - B0756
		B0205	**Manual 2-way group valves kit.** Consisting of a valve and a holder, the first allows the cabinet to be manually excluded from the system, while the holder allows the balancing of system load losses. Also allowed when solenoid valves on the collector are managed by the control kit of terminal Bi2.
		B0204	**Manual 2-way valve isolation kit.** Avoids condensation during the cooling operation (already included in the other thermoelectric hydraulic kits).
		B0501	**Spacer kit (No. 1 unit) 3/4 Eurokonus.** Available for multilayer pipes d. 20 mm. (which do not allow adequate bending radii), no. 1 or 2 kit. for machine according to the type of installation.
		B0200 B0201	**Adaptors couple kit.** Allows you to transform the Bi2 3/4 " Eurocone connection into a standard 1/2 "(B0200) or 3/4 " (B0201) gas thread connection.
		B0203	**kit 90° Eurokonus bend.** Facilitates the connection in case of hydraulic connections with walled pipes
ELECTRICAL KITS		B0632 (200) (400) (600) B0633 (800) (1000)	**Control connection extension kit.** Power and motor sensor electric connection cable for installations where connection positions are rotated (from Left to Right) .
AESTHETICAL KITS		B0682	**Feet kit for smart Bi2.** Kit of two aesthetic feet for coverage of any floor pipes. Available in white.
		B0683	**Floor fixing bracket kit Bi2 smart.** Kit support brackets and mounting the floor of the terminal (applications front windows or on non-bearing walls). It also has the function of aesthetic kit (color off white).
		**B0677** (200) **B0678** (400) **B0679** (600) **B0680** (800) **B0681** (1000)	**Back panel in painted sheet (For front glass applications).**

Bi2 smart
SL smart

Total flat fan coil radiator.
No unsightly grill: total and perfect integration with the building.

FEATURES

Cools, Dehumidifies, Heats and Filters

Compact: thickness of just 12,9 cm

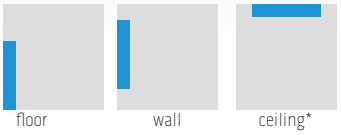
Range consists of 5 power models

AC Motor

Smart sides

Total Flat Aesthetic with integrated vacuum system

installation:

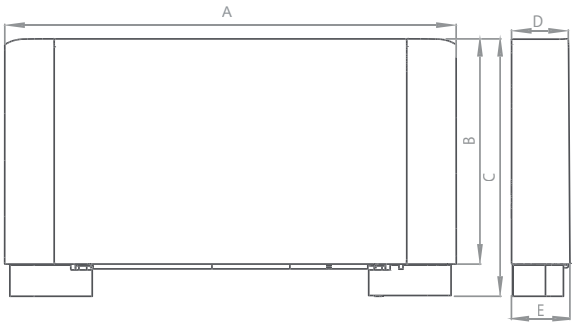


Available in colors: ☐ White

Design by S. Ercoli & A. Garlandini

BI2 is the winner of the GOOD DESIGN AWARD 2014. Founded in Chicago in 1950, GOOD DESIGN is the oldest and most acknowledged international competition for design excellence.

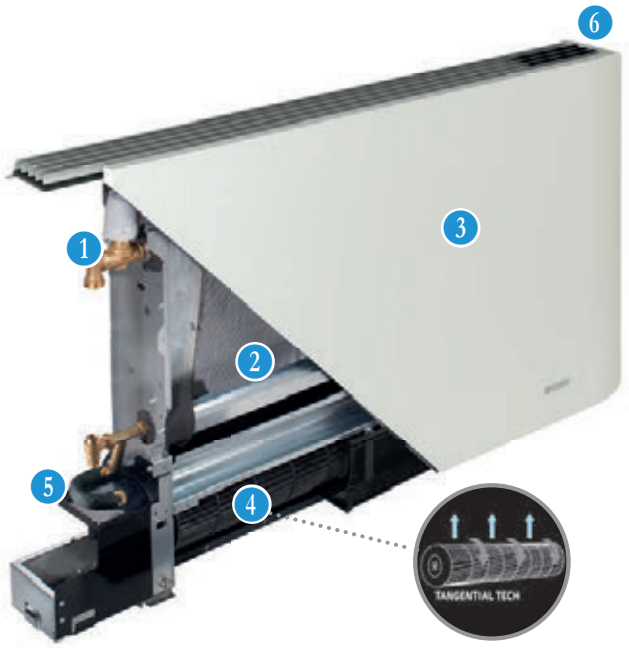
		Bi2 smart without heating panel (SL smart)				
MODEL		**SL smart 200**	**SL smart 400**	**SL smart 600**	**SL smart 800**	**SL smart 1000**
White	cod.	01409	01410	01411	01412	01413



		200	400	600	800	1000
A	mm	759	959	1159	1359	1559
B	mm	579	579	579	579	579
C	mm	659	659	659	659	659
D	mm	129	129	129	129	129
E	mm	150	150	150	150	150
Weight	kg	11,5	13	15,5	18,5	21,5

* Front basin kit and feet kit are necessary

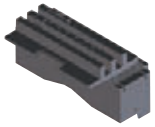
1. Valve with thermoelectric actuator (accessory kit)
2. High Efficiency Coil
3. Water temperature sensor
4. High efficiency tangential fan
5. Condensation collector basin
6. Electronic controls (accessory kit)



MODEL		Bi2 SL smart 200	400	600	800	1000
(a) Total cooling capacity	kW	0,81	1,73	2,53	3,27	3,77
Sensible cooling capacity	kW	0,63	1,24	1,96	2,52	2,97
Water flow rate	lt/h	142	302	446	573	655
Water pressure loss	kPa	13,1	8,2	19	18,7	18,2
(b) Heating capacity (50°C)	kW	1,05	2,31	3,12	4,10	4,67
Water flow rate (50°C)	lt/h	84	185	249	329	374
Water pressure loss (50°C)	kPa	12,2	6,8	15,8	15,5	15,1
(c) Heating capacity (70°C)	kW	1,77	3,88	5,21	6,88	7,83
Water flow rate (70°C)	lt/h	152	334	448	592	673
Water pressure loss (70°C)	kPa	10,9	7,0	14,3	12,7	12,5
Battery water capacity	l	0,47	0,8	1,13	1,46	1,8
Maximum operating pressure	bar	10	10	10	10	10
Water connections	inches	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4
(d) Air flow min	m^3/h	100	170	180	370	420
(d)Air flow max	m^3/h	160	320	460	575	650
Absorbed power min	W	6	9	9	17	19
Absorbed power max	W	17	28	35	38	43
Sound power min Lw	dB(A)	38	39	41	39	42
Sound power max Lw	dB(A)	52	53	53	54	54
(g) Sound pressure	dB(A)	34	36	37	35	38
Electrical supply	V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50

Performance at maximum ventilation speed
(a) Water temperature in battery inlet 7°C, water temperature in battery outlet 12°C, ambient air temperature 27°C b.s. and 19°C b.u.
(b) Water temperature in battery inlet 50°C, water flow in cooling + panel, inlet ambient air temperature 20°C
(c) Water temperature in battery inlet 70°C, water temperature in battery outlet 60°C, ambient air temperature inlet 20°C
(d) Air flow measured with clean filters
(g) Sound pressure measured at 1,5 m

ACCESSORIES SL smart

		CODE	DESCRIPTION	COMPATIBILITY
ON BOARD CONTROL		B0659	**Built-in** electronic control kit. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor connection, and two 230VAC outlets for the control of 2 valves.	
		B0371	**Built-in** electronic control kit. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor contact connection, a 230VAC outlet for the solenoid valve control, and contacts to enable the boiler or chiller.	AQUADUE CONTROL
		B0772	Touch design **built-in** control kit. Back-lit display with desired temperature visualization, real-touch switches, mode of operation and fan speed selection. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor contact connection, a 230VAC outlet for the solenoid valve control. Remote control provided.	AQUADUE CONTROL
		B0658	**Built-in** electronic autonomous control kit without thermostat. Built-in control with speed selection and ventilation. It has a 230VAC outlet at for the control of a solenoid valve. It is fitted for connection of an enabling contact or outdoor thermostat (Minimum contact flow: 2A-250Vac).	B0336
REMOTE CONTROL		B0543	**Electronic control** kit with 3 speed switch, adjustable thermostat, summer and winter selector, and minimum water sensor mode. It has a 230VAC outlet for the control of a solenoid valve.	
		B0372	Electronic control kit **for remotization**. The main operating parameters, set point and ambient temperature are transmitted from the remote control B0373 or B0736 to all connected fan coils on the network, enabling a seamless operation. It has a 230VAC outlet for the control of a solenoid valve, two clean contacts for the control of a chiller or a boiler, and a presence inlet. Operation in MODBUSprotocol, RS485.	B0736 AQUADUE CONTROL My Home by bticino
		B0707	Electronic control kit **for remotization** for 5 speed Fan (selectable between 5 available) and 2 solenoid valves. Fan control kit with motor feedback with speed gauge generator. No need to configure controls depending on the size of the fan coil. Electronic remote board solenoid valves actuating contacts. From same control B0151 or B0152 you can control up to 10 terminals equipped with Bi2 B0707.	B0151 B0152
		B0151	**Wall control kit** with thermostat, summer/winter selector and speed switch. Wall thermostat with room sensor, On-Off switch, three-speed fan and summer/winter selector. Temperature range setting from 5 ° C to 30 ° C. 230 V supply. It has two 230VAC hot water and cold water solenoid outlets and an inlet water temperature sensor.	B0707
		B0152	**Recessed control kit** LCD with ambient sensor and thermostat, summer/winter selector and speed switch.Electronic recessed thermostat with ambient sensor, On-Off switch, fan speed selector (min, med, max and auto), ambient temperature, minimum water sensor mode and summer/winter selector. Temperature range setting from 5 ° C to 30 ° C. 230 V supply.	B0707
		B0736	LCD **wall clock thermostat remote** control kit. Programmable wall LCD thermostat control for MODBUS connection, RS485. Ability to control up to 30 units. Desired temperature selection, operation mode, fan speed, manual/programmable thermostat. Room sensor inserted in control. Backlit LCD. Presence contact input. The control is equipped with a 230/12VAC double insulation power transformer and a buffer battery. Wall installation with center to center distance compatible with standard recessed mounting box 503.	B0372 AQUADUE CONTROL

		CODE	DESCRIPTION
HYDRAULIC KITS		**B0139** **B0832**	**2 way group valves with thermoelectric actuator kit.** **2-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch.** Consists of a valve with thermoelectric actuator and holder, the first allows for the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses. This kit is mandatory in version SLR except in the case of using a 3-way valve kit or in the presence of a collector with thermoelectric heads.
		**B0641** **B0833**	**2-way valves group kit with thermoelectric actuator and bypass branch with pressure relief valve.** **2-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch and by-pass branch with pressure-relief valve.** The kit consists of a valve with thermoelectric actuator, a holder and a bypass with a pressure relief valve, the first allows the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses while the by-pass maintains the system balanced even with cabinet excluded. This kit is an alternative to the 2-way solenoid valve kit. (Required in SLR version)
		**B0635** **B0834**	**3-way group valves kit with thermoelectric actuator.** **3-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch.** Consists of a three-way diverter valve with thermoelectric actuator, and a holder. The first allows the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses; the by-pass keeps water circulating in the system. This kit is an alternative to the 2-way solenoid valve kit (required in version SLR).
			The valve unit kits with thermoelectric actuator are recommended for the following command kits to activate chiller and boiler: B0659 - B0673 - B0707 - B0774 - B0772 - B0828 - B0756
		**B0205**	**Manual 2-way group valves kit.** Consisting of a valve and a holder, the first allows the cabinet to be manually excluded from the system, while the holder allows the balancing of system load losses. Also allowed when solenoid valves on the collector are managed by the control kit of terminal Bi2.
		**B0204**	**Manual 2-way valve isolation kit.** Avoids condensation during the cooling operation (already included in the other thermoelectric hydraulic kits).
		**B0501**	**Spacer kit (No. 1 unit) 3/4 Eurokonus.** Available for multilayer pipes d. 20 mm. (which do not allow adequate bending radii), no. 1 or 2 kit. for machine according to the type of installation.
		**B0200** **B0201**	**Adaptors couple kit.** Allows you to transform the Bi2 3/4 " Eurocone connection into a standard 1/2 "(B0200) or 3/4 " (B0201) gas thread connection.
		**B0203**	**Kit 90° Eurokonus bend.** Facilitates the connection in case of hydraulic connections with walled pipes
ELECTRICAL KITS		**B0336**	**Minimum temperature thermostat kit.** Only compatible with B0658.
		**B0459**	**Control connection extension kit.** Power and motor sensor electric connection cable for installations where connection positions are rotated (from Left to Right) .
AESTHETICAL KITS		**B0682**	**Feet kit for smart Bi2.** Kit of two aesthetic feet for coverage of any floor pipes. Available in white.
		**B0683**	**Floor fixing bracket kit Bi2 smart.** Kit support brackets and mounting the floor of the terminal (applications front windows or on non-bearing walls). It also has the function of aesthetic kit (color off white).
		**B0677** (200) **B0678** (400) **B0679** (600) **B0680** (800) **B0681** (1000)	**Back panel in painted sheet (For front glass applications).**
		**B0520** (200) **B0521** (400) **B0522** (600) **B0523** (800) **B0524** (1000)	**Bi2 ceiling installation kit (Excluding versions SLR and SLI)**

Bi2 smart

SL smart **inverter**

Total flat **inverter** fan coil radiator.

No unsightly grill: total and perfect integration with the building.

Design by S. Ercoli & A. Garlandini

FEATURES

Cools, Dehumidifies, Heats and Filters

Compact: thickness of just 12,9 cm

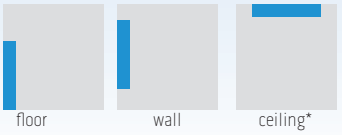
Range consists of 5 power models

DC brushless Motor

Smart sides

Total Flat Aesthetic with integrated vacuum system

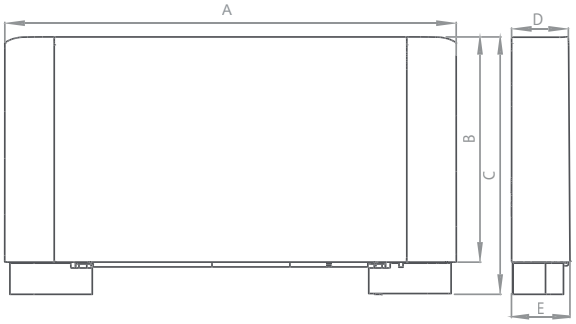
installation:



Available in colors: ☐ White

BI2 is the winner of the GOOD DESIGN AWARD 2014. Founded in Chicago in 1950, GOOD DESIGN is the oldest and most acknowledged international competition for design excellence.

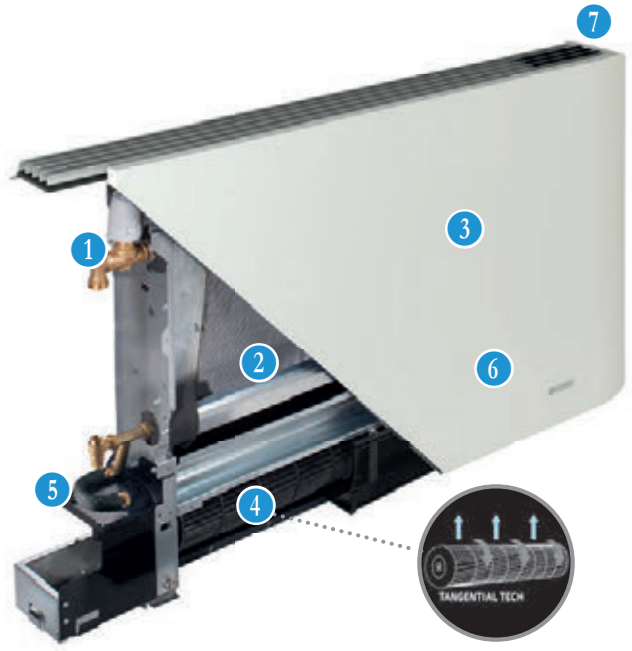
MODEL		BI2 smart without heating panel (SL Smart Inverter)				
		SL smart inverter 200	SL smart inverter 400	SL smart inverter 600	SL smart inverter 800	SL smart inverter 1000
White	cod.	01634	01635	01636	01637	01638



		200	400	600	800	1000
A	mm	759	959	1159	1359	1559
B	mm	579	579	579	579	579
C	mm	659	659	659	659	659
D	mm	129	129	129	129	129
E	mm	150	150	150	150	150
Weight	kg	11,5	13	15,5	18,5	21,5

* Front basin kit and feet kit are necessary

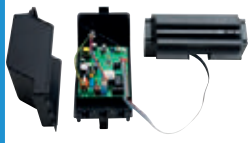
1. Valve with thermoelectric actuator (accessory kit)
2. High Efficiency Coil
3. Water temperature sensor
4. High efficiency tangential fan
5. Condensation collector basin
6. DC brushless inverter motor
7. Electronic controls (accessory kit)



MODEL		BI2 SL smart inverter 200	400	600	800	1000
(a) Total cooling capacity	kW	0,82	1,74	2,54	3,29	3,78
Sensible cooling capacity	kW	0,64	1,25	1,94	2,54	2,98
Water flow rate	lt/h	142	302	446	573	655
Water pressure loss	kPa	13,1	8,2	19	18,7	18,2
(b) Heating capacity (50°C)	kW	1,05	2,31	3,12	4,10	4,67
Water flow rate (50°C)	lt/h	84	185	249	329	374
Water pressure loss (50°C)	kPa	10,9	6,8	15,8	15,5	15,1
(c) Heating capacity (70°C)	kW	1,77	3,88	5,21	6,88	7,83
Water flow rate (70°C)	lt/h	152	334	448	592	673
Water pressure loss (70°C)	kPa	10,9	7,0	14,3	12,7	12,5
Battery water capacity	l	0,47	0,8	1,13	1,46	1,8
Maximum operating pressure	bar	10	10	10	10	10
Water connections	inches	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4
(d) Air flow min	m^3/h	100	170	180	370	420
(d)Air flow max	m^3/h	160	320	460	575	650
Absorbed power min	W	5	6	7	8	9
Absorbed power max	W	11	19	20	24	27
Sound power min Lw	dB(A)	38	39	41	42	42
Sound power max Lw	dB(A)	52	53	53	54	54
(g) Sound pressure	dB(A)	34	36	37	35	38
Electrical supply	V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50

Performance at maximum ventilation speed
(a) Water temperature in battery inlet 7°C, water temperature in battery outlet 12°C, ambient air temperature 27°C b.s. and 19°C b.u.
(b) Water temperature in battery inlet 50°C, water flow in cooling + panel, inlet ambient air temperature 20°C
(c) Water temperature in battery inlet 70°C, water temperature in battery outlet 60°C, ambient air temperature inlet 20°C
(d) Air flow measured with clean filters
(g) Sound pressure measured at 1,5 m

ACCESSORIES **SL** smart **inverter**

		CODE	DESCRIPTION	COMPATIBILITY
ON BOARD CONTROL		**B0686**	**Built-in** Bi2 inverter control kit. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor contact connection, a 230VAC outlet for the solenoid valve control, and contacts to enable the boiler or chiller.	AQUADUE CONTROL
		**B0673**	**Built-in** electronic autonomous control kit. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor connection, and two 230VAC outlets for the control of 2 solenoid valves.	
		**B0774**	**Touch flat built-in** control kit. Back-lit display with desired temperature visualization, real-touch switches, mode of operation and fan speed selection. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor contact connection, a 230VAC outlet for the solenoid valve control. Remote control provided.	AQUADUE CONTROL
REMOTE CONTROL		**B0685**	Bi2 inverter control kit **for remotization**. The main operating parameters, set point and ambient temperature are transmitted from the remote control B0736 to all connected fan coils on the network, enabling a seamless operation. It has a 230VAC outlet for the control of a solenoid valve, two clean contacts for the control of a chiller or a boiler, and a presence inlet. Operation in MODBUSprotocol, RS485.	B0736 AQUADUE CONTROL My Home by bticino
		**B0756**	Control kit **for remotization** for the management and control through analogic inlet 0-10V or contacts. It has a 230VAC outlet for the control of one solenoid valve and a water sensor inlet with minimum temperature sensor function (in the contact mode)	
		**B0151**	**Wall control kit** with thermostat, summer/winter selector and speed switch. Wall thermostat with room sensor, On-Off switch, three-speed fan and summer/winter selector. Temperature range setting from 5 ° C to 30 ° C. 230 V supply. It has two 230VAC hot water and cold water solenoid outlets and an inlet water temperature sensor.	B0756
		**B0152**	**Recessed control kit** LCD with ambient sensor and thermostat, summer/winter selector and speed switch.Electronic recessed thermostat with ambient sensor, On-Off switch, fan speed selector (min, med, max and auto), ambient temperature, minimum water sensor mode and summer/winter selector. Temperature range setting from 5 ° C to 30 ° C. 230 V supply.	B0756
		**B0736**	LCD **wall clock thermostat remote** control kit Programmable wall LCD thermostat control for MODBUS connection, RS485. Ability to control up to 30 units. Desired temperature selection, operation mode, fan speed, manual/programmable thermostat. Room sensor inserted in control. Backlit LCD. Presence contact input. The control is equipped with a 230/12VAC double insulation power transformer and a buffer battery. Wall installation with center to center distance compatible with standard recessed mounting box 503.	B0685 AQUADUE CONTROL

		CODE	DESCRIPTION
HYDRAULIC KITS		**B0139** **B0832**	**2 way group valves with thermoelectric actuator kit.** **2-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch.** Consists of a valve with thermoelectric actuator and holder, the first allows for the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses. This kit is mandatory in version SLR except in the case of using a 3-way valve kit or in the presence of a collector with thermoelectric heads.
		**B0641** **B0833**	**2-way valves group kit with thermoelectric actuator and bypass branch with pressure relief valve.** **2-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch and by-pass branch with pressure-relief valve.** The kit consists of a valve with thermoelectric actuator, a holder and a bypass with a pressure relief valve, the first allows the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses while the by-pass maintains the system balanced even with cabinet excluded. This kit is an alternative to the 2-way solenoid valve kit. (Required in SLR version)
		**B0635** **B0834**	**3-way group valves kit with thermoelectric actuator.** **3-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch.** Consists of a three-way diverter valve with thermoelectric actuator, and a holder. The first allows the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses; the by-pass keeps water circulating in the system. This kit is an alternative to the 2-way solenoid valve kit (required in version SLR).
			The valve unit kits with thermoelectric actuator are recommended for the following command kits to activate chiller and boiler: B0659 - B0673 - B0707 - B0774 - B0772 - B0828 - B0756
		**B0205**	**Manual 2-way group valves kit.** Consisting of a valve and a holder, the first allows the cabinet to be manually excluded from the system, while the holder allows the balancing of system load losses. Also allowed when solenoid valves on the collector are managed by the control kit of terminal Bi2.
		**B0204**	**Manual 2-way valve isolation kit.** Avoids condensation during the cooling operation (already included in the other thermoelectric hydraulic kits).
		**B0501**	**Spacer kit (No. 1 unit) 3/4 Eurokonus.** Available for multilayer pipes d. 20 mm. (which do not allow adequate bending radii), no. 1 or 2 kit. for machine according to the type of installation.
		**B0200** **B0201**	**Adaptors couple kit.** Allows you to transform the Bi2 3/4 " Eurocone connection into a standard 1/2 "(B0200) or 3/4 " (B0201) gas thread connection.
		**B0203**	**Kit 90° Eurokonus bend.** Facilitates the connection in case of hydraulic connections with walled pipes
ELECTRICAL KITS		**B0632 (200)** **(400)** **(600)** **B0633 (800)** **(1000)**	**Control connection extension kit.** Power and motor sensor electric connection cable for installations where connection positions are rotated (from Left to Right) .
AESTHETICAL KITS		**B0682**	**Feet kit for smart Bi2.** Kit of two aesthetic feet for coverage of any floor pipes. Available in white.
		**B0683**	**Floor fixing bracket kit Bi2 smart.** Kit support brackets and mounting the floor of the terminal (applications front windows or on non-bearing walls). It also has the function of aesthetic kit (color off white).
		**B0677** (200) **B0678** (400) **B0679** (600) **B0680** (800) **B0681** (1000)	**Back panel in painted sheet (For front glass applications).**
		**B0520** (200) **B0521** (400) **B0522** (600) **B0523** (800) **B0524** (1000)	**Bi2 ceiling installation kit (Excluding versions SLR and SLI)**

Bi2 plus
SLR+ inverter
Inverter fan coil radiator.

Design by Dario Tanfoglio

EUROVENT CERTIFIED PERFORMANCE

FEATURES

Cools, Dehumidifies, Heats and Filters

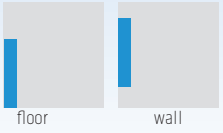
Terminal with integrated heating panel

Compact: thickness of just 12,9 cm

Range consists of 5 power models

DC brushless Motor

installation:



Available in colors: ☐ White

product design award 2013

Bi2 + is the winner of the iF product design award 2013 in the Buildings category, selected by an internationally recognized panel of experts and designers.

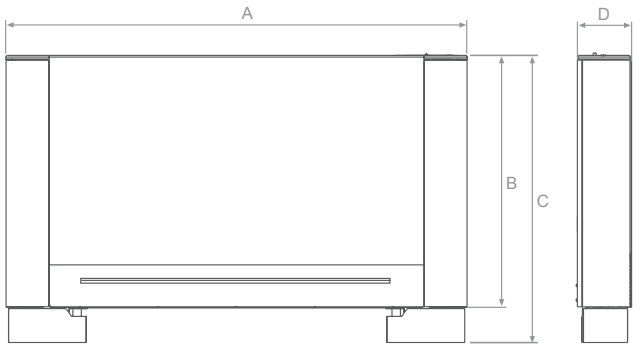
reddot design award honourable mention 2013

Bi2 + was awarded the REDDOT DESIGN HONOURABLE MENTION 2013 award, for the seamless integration of technology and design.

Bi2+ COLORS*

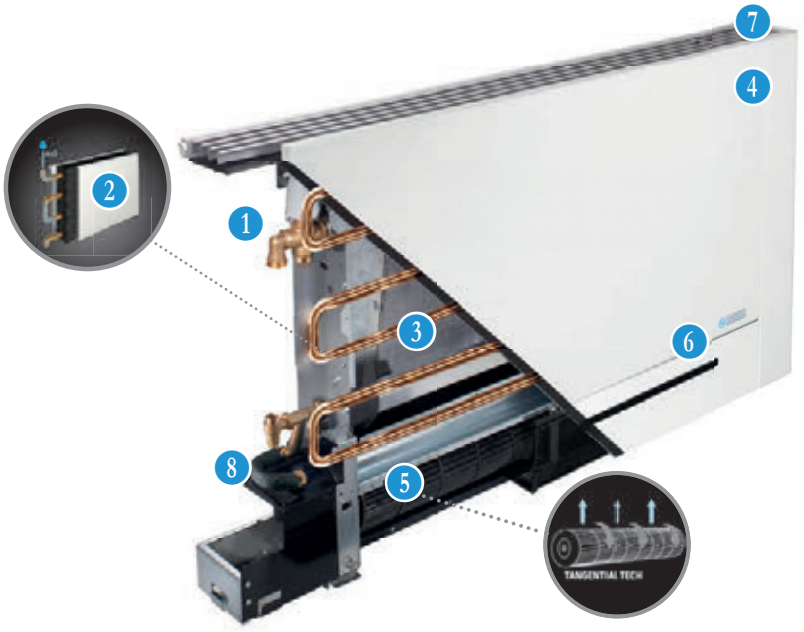
* Color choice: options available at specific client request, terms of delivery and minimum lots to be agreed.

		Bi2+ with heating panel (SLR+)				
MODEL		**SLR+200**	**SLR+400**	**SLR+600**	**SLR+800**	**SLR+1000**
White	cod.	01609	01610	01611	01612	01613



		200	400	600	800	1000
A	mm	697	897	1097	1297	1497
B	mm	579	579	579	579	579
C	mm	659	659	659	659	659
D	mm	129	129	129	129	129
Weight SLR+	kg	15	17	21	24	28

1. Valve with thermoelectric actuator (accessory kit)
2. Tubular heating panel
3. High Efficiency Coil
4. Water temperature sensor
5. High efficiency tangential fan
6. DC brushless inverter motor
7. Electronic controls (accessory kit)
8. Condensation collector basin



		BI2+ SLR inverter				
MODEL		200	400	600	800	1000
(a) Total cooling capacity	kW	0,82	1,74	2,54	3,29	3,78
Sensible cooling capacity	kW	0,64	1,25	1,94	2,54	2,98
Water flow rate	lt/h	142	302	446	573	655
Water pressure loss	kPa	13,1	8,2	19	18,7	18,2
(b) Heating capacity (50°C)	kW	1,05	2,31	3,12	4,10	4,67
Water flow rate (50°C)	lt/h	84	185	249	329	374
Water pressure loss (50°C)	kPa	10,9	6,8	15,8	15,5	15,1
(c) Heating capacity (70°C)	kW	1,77	3,88	5,21	6,88	7,83
Water flow rate (70°C)	lt/h	152	334	448	592	673
Water pressure loss (70°C)	kPa	10,9	7,0	14,3	12,7	12,5
Battery water capacity	l	0,47	0,8	1,13	1,46	1,8
Maximum operating pressure	bar	10	10	10	10	10
Water connections	inches	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4
(d) Air flow min	m^3/h	100	170	180	370	420
(d)Air flow max	m^3/h	160	320	460	575	650
Absorbed power min	W	5	6	7	8	9
Absorbed power max	W	11	19	20	24	27
Sound power min Lw	dB(A)	38	39	41	42	42
Sound power max Lw	dB(A)	52	53	53	54	54
(g) Sound pressure	dB(A)	34	36	37	35	38
Electrical supply	V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Max capacity static heating (50°C)	kW	0,37	0,42	0,50	0,62	0,77
Max capacity static heating (70°C)	kW	0,59	0,71	0,84	1,04	1,28
Water content heating panel	l	0,3	0,5	0,6	0,7	0,9

Performance at maximum ventilation speed
(a) Water temperature in battery inlet 7°C, water temperature in battery outlet 12°C, ambient air temperature 27°C b.s. and 19°C b.u.
(b) Water temperature in battery inlet 50°C, water flow in cooling + panel, inlet ambient air temperature 20°C
(c) Water temperature in battery inlet 70°C, water temperature in battery outlet 60°C, ambient air temperature inlet 20°C
(d) Air flow measured with clean filters
(g) Sound pressure measured at 1,5 m

ACCESSORIES SLR+ inverter

		CODE	DESCRIPTION	COMPATIBILITY
ON BOARD CONTROL		B0686	**Built-in** Bi2 inverter control kit. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor contact connection, a 230VAC outlet for the solenoid valve control, and contacts to enable the boiler or chiller.	AQUADUE CONTROL
		B0828	**Touch flat design built-in** control kit. Back-lit display with desired temperature visualization, real-touch switches, mode of operation and fan speed selection. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor contact connection, a 230VAC outlet for the solenoid valve control. Remote control provided.	Touch flat control Not for sale, only mounted from the factory.
REMOTE CONTROL		B0685	Bi2 inverter control kit **for remotization**. The main operating parameters, set point and ambient temperature are transmitted from the remote control B0736 to all connected fan coils on the network, enabling a seamless operation. It has a 230VAC outlet for the control of a solenoid valve, two clean contacts for the control of a chiller or a boiler, and a presence inlet. Operation in MODBUSprotocol, RS485.	B0736 AQUADUE CONTROL My Home by bticino
		B0756	Control kit **for remotization** for the management and control through analogic inlet 0-10V or contacts. It has a 230VAC outlet for the control of one solenoid valve and a water sensor inlet with minimum temperature sensor function (in the contact mode)	
		B0736	LCD **wall clock thermostat remote** control kit. Programmable wall LCD thermostat control for MODBUS connection, RS485. Ability to control up to 30 units. Desired temperature selection, operation mode, fan speed, manual/programmable thermostat. Room sensor inserted in control. Backlit LCD. Presence contact input. The control is equipped with a 230/12VAC double insulation power transformer and a buffer battery. Wall installation with center to center distance compatible with standard recessed mounting box 503.	B0685 AQUADUE CONTROL

		CODE	DESCRIPTION
HYDRAULIC KITS		B0139 B0832	**2 way group valves with thermoelectric actuator kit.** **2-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch.** Consists of a valve with thermoelectric actuator and holder, the first allows for the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses. This kit is mandatory in version SLR except in the case of using a 3-way valve kit or in the presence of a collector with thermoelectric heads.
		B0641 B0833	**2-way valves group kit with thermoelectric actuator and bypass branch with pressure relief valve.** **2-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch and by-pass branch with pressure-relief valve.** The kit consists of a valve with thermoelectric actuator, a holder and a bypass with a pressure relief valve, the first allows the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses while the by-pass maintains the system balanced even with cabinet excluded. This kit is an alternative to the 2-way solenoid valve kit. (Required in SLR version)
		B0635 B0834	**3-way group valves kit with thermoelectric actuator.** **3-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch.** Consists of a three-way diverter valve with thermoelectric actuator, and a holder. The first allows the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses; the by-pass keeps water circulating in the system. This kit is an alternative to the 2-way solenoid valve kit (required in version SLR).
			The valve unit kits with thermoelectric actuator are recommended for the following command kits to activate chiller and boiler: B0659 - B0673 - B0707 - B0774 - B0772 - B0828 - B0756
		B0205	**Manual 2-way group valves kit.** Consisting of a valve and a holder, the first allows the cabinet to be manually excluded from the system, while the holder allows the balancing of system load losses. Also allowed when solenoid valves on the collector are managed by the control kit of terminal Bi2.
		B0204	**Manual 2-way valve isolation kit.** Avoids condensation during the cooling operation (already included in the other thermoelectric hydraulic kits).
		B0501	**Spacer kit (No. 1 unit) 3/4 Eurokonus.** Available for multilayer pipes d. 20 mm. (which do not allow adequate bending radii), no. 1 or 2 kit. for machine according to the type of installation.
		B0200 B0201	**Adaptors couple kit.** Allows you to transform the Bi2 3/4 " Eurocone connection into a standard 1/2 "(B0200) or 3/4 " (B0201) gas thread connection.
		B0203	**Kit 90° Eurokonus bend.** Facilitates the connection in case of hydraulic connections with walled pipes
ELECTRICAL KITS		B0632 (200) (400) (600) B0633 (800) (1000)	**Control connection extension kit.** Power and motor sensor electric connection cable for installations where connection positions are rotated (from Left to Right).
AESTHETICAL KITS		B0157	**Feet kit** Kit of two aesthetic feet for coverage of any floor pipes. Available in white.
		B0193	**Floor fixing bracket kit.** Terminal support and floor fixing bracket kit (front glass applications or on non-bearing walls). To be used in combination with kit B0157.
		**B0171** (200) **B0173** (400) **B0175** (600) **B0177** (800) **B0179** (1000)	**Back panel in painted sheet (for front glass applications).**

Bi2 plus
SL+ inverter

The **inverter** fan coil radiator.

Design by Dario Tanfoglio

FEATURES

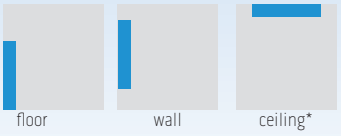
Cools, Dehumidifies, Heats and Filters

Compact: thickness of just 12,9 cm

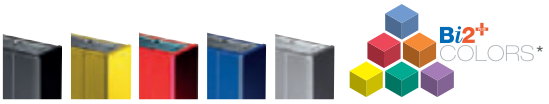
Range consists of 5 power models

DC brushless Motor

installation:



Available in colors: ☐ White

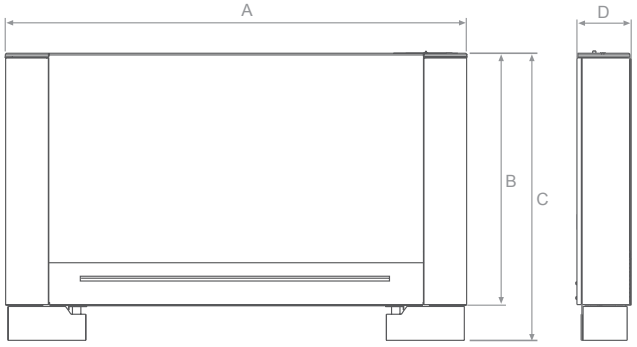


* Color choice: options available at specific client request, terms of delivery and minimum lots to be agreed.

Bi2 + is the winner of the iF product design award 2013 in the Buildings category, selected by an internationally recognized panel of experts and designers.

BI2 + was awarded the REDDOT DESIGN HONOURABLE MENTION 2013 award, for the seamless integration of technology and design.

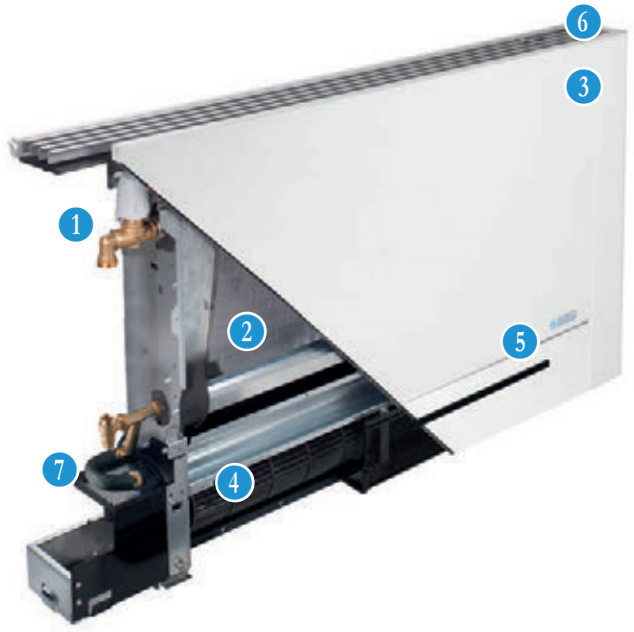
		BI2+ whitout heating panel (SL+)				
MODEL		**SL+200**	**SL+400**	**SL+600**	**SL+800**	**SL+1000**
White	cod.	01619	01620	01621	01622	01623



		200	400	600	800	1000
A	mm	697	897	1097	1297	1497
B	mm	579	579	579	579	579
C	mm	659	659	659	659	659
D	mm	129	129	129	129	129
Weight SL+	kg	13	15	17	20	24

* Front basin kit and feet kit are necessary

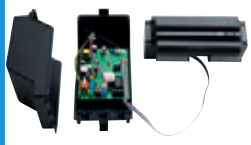
1. Valve with thermoelectric actuator (accessory kit)
2. High Efficiency Coil
3. Water temperature sensor
4. High efficiency tangential fan
5. DC brushless inverter motor
6. Electronic controls (accessory kit)
7. Condensation collector basin

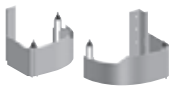


		BI2+ SL inverter				
MODEL		200	400	600	800	1000
(a) Total cooling capacity	kW	0,82	1,74	2,54	3,29	3,78
Sensible cooling capacity	kW	0,64	1,25	1,94	2,54	2,98
Water flow rate	lt/h	142	302	446	573	655
Water pressure loss	kPa	13,1	8,2	19	18,7	18,2
(b) Heating capacity (50°C)	kW	1,05	2,31	3,12	4,10	4,67
Water flow rate (50°C)	lt/h	84	185	249	329	374
Water pressure loss (50°C)	kPa	10,9	6,8	15,8	15,5	15,1
(c) Heating capacity (70°C)	kW	1,77	3,88	5,21	6,88	7,83
Water flow rate (70°C)	lt/h	152	334	448	592	673
Water pressure loss (70°C)	kPa	10,9	7,0	14,3	12,7	12,5
Battery water capacity	l	0,47	0,8	1,13	1,46	1,8
Maximum operating pressure	bar	10	10	10	10	10
Water connections	inches	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4
(d) Air flow min	m^3/h	100	170	180	370	420
(d)Air flow max	m^3/h	160	320	460	575	650
Absorbed power min	W	5	6	7	8	9
Absorbed power max	W	11	19	20	24	27
Sound power min Lw	dB(A)	38	39	41	42	42
Sound power max Lw	dB(A)	52	53	53	54	54
(g) Sound pressure	dB(A)	34	36	37	35	38
Electrical supply	V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50

Performance at maximum ventilation speed
(a) Water temperature in battery inlet 7°C, water temperature in battery outlet 12°C, ambient air temperature 27°C b.s. and 19°C b.u.
(b) Water temperature in battery inlet 50°C, water flow in cooling + panel, inlet ambient air temperature 20°C
(c) Water temperature in battery inlet 70°C, water temperature in battery outlet 60°C, ambient air temperature inlet 20°C
(d) Air flow measured with clean filters
(g) Sound pressure measured at 1,5 m

ACCESSORIES SL+ inverter

		CODE	DESCRIPTION	COMPATIBILITY
ON BOARD CONTROL		B0686	**Built-in** Bi2 inverter control kit. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor contact connection, a 230VAC outlet for the solenoid valve control, and contacts to enable the boiler or chiller.	AQUADUE CONTROL
		B0828	**Touch flat design built-in** control kit. Back-lit display with desired temperature visualization, real-touch switches, mode of operation and fan speed selection. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor contact connection, a 230VAC outlet for the solenoid valve control. Remote control provided.	Touch flat control Not for sale, only mounted from the factory.
REMOTE CONTROL		B0685	Bi2 inverter control kit **for remotization**. The main operating parameters, set point and ambient temperature are transmitted from the remote control B0736 to all connected fan coils on the network, enabling a seamless operation. It has a 230VAC outlet for the control of a solenoid valve, two clean contacts for the control of a chiller or a boiler, and a presence inlet. Operation in MODBUSprotocol, RS485.	B0736 AQUADUE CONTROL My Home by bticino
		B0756	Control kit **for remotization** for the management and control through analogic inlet 0-10V or contacts. It has a 230VAC outlet for the control of one solenoid valve and a water sensor inlet with minimum temperature sensor function (in the contact mode)	
		B0151	**Wall control kit** with thermostat, summer/winter selector and speed switch. Wall thermostat with room sensor, On-Off switch, three-speed fan and summer/winter selector. Temperature range setting from 5 ° C to 30 ° C. 230 V supply. It has two 230VAC hot water and cold water solenoid outlets and an inlet water temperature sensor.	B0756
		B0152	**Recessed control kit** LCD with ambient sensor and thermostat, summer/winter selector and speed switch.Electronic recessed thermostat with ambient sensor, On-Off switch, fan speed selector (min, med, max and auto), ambient temperature, minimum water sensor mode and summer/winter selector. Temperature range setting from 5 ° C to 30 ° C. 230 V supply.	B0756
		B0736	LCD **wall clock thermostat remote** control kit. Programmable wall LCD thermostat control for MODBUS connection, RS485. Ability to control up to 30 units. Desired temperature selection, operation mode, fan speed, manual/programmable thermostat. Room sensor inserted in control. Backlit LCD. Presence contact input. The control is equipped with a 230/12VAC double insulation power transformer and a buffer battery. Wall installation with center to center distance compatible with standard recessed mounting box 503.	B0685 AQUADUE CONTROL

		CODE	DESCRIPTION
HYDRAULIC KITS		**B0139** **B0832**	**2 way group valves with thermoelectric actuator kit.** **2-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch.** Consists of a valve with thermoelectric actuator and holder, the first allows for the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses. This kit is mandatory in version SLR except in the case of using a 3-way valve kit or in the presence of a collector with thermoelectric heads.
		**B0641** **B0833**	**2-way valves group kit with thermoelectric actuator and bypass branch with pressure relief valve.** **2-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch and by-pass branch with pressure-relief valve.** The kit consists of a valve with thermoelectric actuator, a holder and a bypass with a pressure relief valve, the first allows the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses while the by-pass maintains the system balanced even with cabinet excluded. This kit is an alternative to the 2-way solenoid valve kit. (Required in SLR version)
		**B0635** **B0834**	**3-way group valves kit with thermoelectric actuator.** **3-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch.** Consists of a three-way diverter valve with thermoelectric actuator, and a holder. The first allows the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses; the by-pass keeps water circulating in the system. This kit is an alternative to the 2-way solenoid valve kit (required in version SLR).
			The valve unit kits with thermoelectric actuator are recommended for the following command kits to activate chiller and boiler: B0659 - B0673 - B0707 - B0774 - B0772 - B0828 - B0756
		**B0205**	**Manual 2-way group valves kit.** Consisting of a valve and a holder, the first allows the cabinet to be manually excluded from the system, while the holder allows the balancing of system load losses. Also allowed when solenoid valves on the collector are managed by the control kit of terminal Bi2.
		**B0204**	**Manual 2-way valve isolation kit.** Avoids condensation during the cooling operation (already included in the other thermoelectric hydraulic kits).
		**B0501**	**Spacer kit (No. 1 unit) 3/4 Eurokonus.** Available for multilayer pipes d. 20 mm. (which do not allow adequate bending radii), no. 1 or 2 kit. for machine according to the type of installation.
		**B0200** **B0201**	**Adaptors couple kit.** Allows you to transform the Bi2 3/4 " Eurocone connection into a standard 1/2 "(B0200) or 3/4 " (B0201) gas thread connection.
		**B0203**	**Kit 90° Eurokonus bend.** Facilitates the connection in case of hydraulic connections with walled pipes
ELECTRICAL KITS		**B0632 (200)** **(400)** **(600)** **B0633 (800)** **(1000)**	**Control connection extension kit.** Power and motor sensor electric connection cable for installations where connection positions are rotated (from Left to Right).
AESTHETICAL KITS		**B0157**	**Feet kit** Kit of two aesthetic feet for coverage of any floor pipes. Available in white.
		**B0193**	**Floor fixing bracket kit.** Terminal support and floor fixing bracket kit (front glass applications or on non-bearing walls). To be used in combination with kit B0157.
		**B0171** (200) **B0173** (400) **B0175** (600) **B0177** (800) **B0179** (1000)	**Back panel in painted sheet (for front glass applications).**
		**B0520** (200) **B0521** (400) **B0522** (600) **B0523** (800) **B0524** (1000)	**Bi2 ceiling installation kit (Excluding versions SLR and SLI)**

Bi2 nano
SLN

The **smallest** fan coil in the range.

FEATURES

Cools, Dehumidifies, Heats and Filters

Compact: thickness of just 12,9 cm, height 35 cm
Lowered version: total height 42,8 cm.

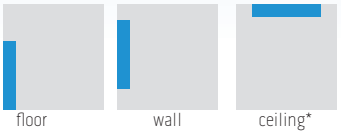
Range consists of 5 power models

Easy maintenance:
the easy removability of air filters and
access to the front fan simplify cleaning

AC Motor

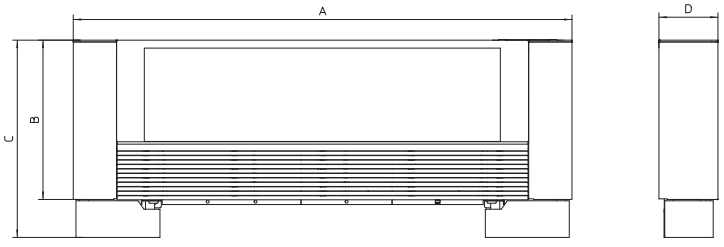
Metal sides

installation:



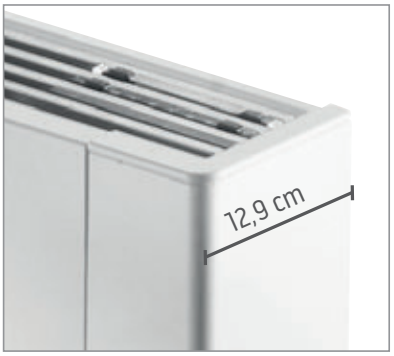
Available in colors: ☐ White

		BI2 SLN whitout heating panel.				
MODEL		**SLN200**	**SLN400**	**SLN600**	**SLN800**	**SLN1000**
White	CODE	01247	01248	01249	01250	01251



		200	400	600	800	1000
A	mm	697	897	1097	1297	1497
B	mm	350	350	350	350	350
C	mm	430	430	430	430	430
D	mm	129	129	129	129	129
Weight kg		11,5	13,4	15,5	17,4	19,7

* Front basin kit and feet kit are necessary



The fan coil radiator has a thickness of only 12.9 cm, compared with 20-25 cm in traditional fan convectors and a height of only 42.8 cm (legs included).

MODEL		Bi2 SLN				
		SLN 200	SLN 400	SLN 600	SLN 800	SLN 1000
(a) Total cooling capacity	kW	0,51	1,01	1,23	1,82	2,41
Sensible cooling capacity	kW	0,42	0,91	1,15	1,47	2,06
Water flow rate	lt/h	87	174	214	313	421
Water pressure loss	kPa	1,9	8,5	2,9	10,5	16,4
(b) Heating capacity (50°C)	kW	0,86	1,55	2,16	2,85	3,74
Water flow rate (50°C)	lt/h	72	139	185	245	284
Water pressure loss (50°C)	kPa	1,6	7,1	2,5	8,8	13,7
(c) Heating capacity (70°C)	kW	1,51	2,70	3,79	4,93	5,94
Water flow rate (70°C)	lt/h	130	232	326	424	511
Water pressure loss (70°C)	kPa	2,7	10,4	4,8	13,7	17,2
Battery water capacity	l	0,2	0,3	0,4	0,5	0,6
Maximum operating pressure	bar	10	10	10	10	10
Water connections	inches	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4
(d) Air flow min	m^3/h	70	155	250	255	310
(d)Air flow max	m^3/h	150	290	400	530	650
Absorbed power min	W	6	12	14	16	17
Absorbed power max	W	17	28	36	40	42
Sound power min Lw	dB(A)	38	39	41	38	39
Sound power max Lw	dB(A)	52	53	53	53	54
(g) Sound pressure	dB(A)	34	36	37	35	38
Electrical supply	V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50

Performance at maximum ventilation speed
(a) Water temperature in battery inlet 7°C, water temperature in battery outlet 12°C, ambient air temperature 27°C b.s. and 19°C b.u.
(b) Water temperature in battery inlet 50°C, water flow in cooling + panel, inlet ambient air temperature 20°C
(c) Water temperature in battery inlet 70°C, water temperature in battery outlet 60°C, ambient air temperature inlet 20°C
(d) Air flow measured with clean filters
(g) Sound pressure measured at 1,5 m

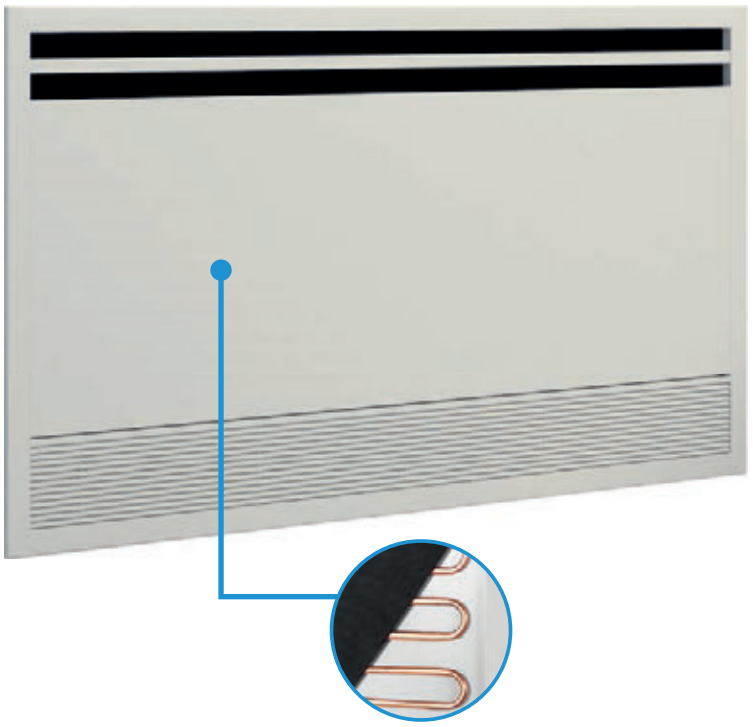
ACCESSORIES SLN

		CODE	DESCRIPTION	COMPATIBILITY
ON BOARD CONTROL		B0659	**Built-in** electronic control kit. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor connection, and two 230VAC outlets for the control of 2 valves.	
		B0658	**Built-in** electronic autonomous control kit without thermostat. Built-in control with speed selection and ventilation. It has a 230VAC outlet at for the control of a solenoid valve. It is fitted for connection of an enabling contact or outdoor thermostat (Minimum contact flow: 2A-250Vac).	B0336
REMOTE CONTROL		B0643	Kit **for remotization.** The main operating parameters, set point and ambient temperature are transmitted from remote controls B0373 or B0736 to all fan coils connected on the network, enabling a seamless operation. It has a 230 V outlet for the control of a solenoid valve, two clean contacts for the control of a chiller or a boiler, and a presence sensor. Operation in MODBUS, RS485.	B0736 AQUADUE CONTROL My Home by bticino
		B0736	LCD **wall clock thermostat remote** control kit Programmable wall LCD thermostat control for MODBUS connection, RS485. Ability to control up to 30 units. Desired temperature selection, operation mode, fan speed, manual/programmable thermostat. Room sensor inserted in control. Backlit LCD. Presence contact input. The control is equipped with a 230/12VAC double insulation power transformer and a buffer battery. Wall installation with center to center distance compatible with standard recessed mounting box 503.	B0643 AQUADUE CONTROL

		CODE	DESCRIPTION
HYDRAULIC KITS		**B0655** **B0832**	**2 way group valves with thermoelectric actuator kit.** **2-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch.** Consists of a valve with thermoelectric actuator and holder, the first allows for the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses. This kit is mandatory in version SLR except in the case of using a 3-way valve kit or in the presence of a collector with thermoelectric heads.
		**B0654** **B0834**	**3-way group valves kit with thermoelectric actuator.** **3-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch.** Consists of a three-way diverter valve with thermoelectric actuator, and a holder. The first allows the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses; the by-pass keeps water circulating in the system. This kit is an alternative to the 2-way solenoid valve kit (required in version SLR).
			The valve unit kits with thermoelectric actuator are recommended for the following command kits to activate chiller and boiler: B0659 - B0673 - B0707 - B0774 - B0772 - B0828 - B0756
		**B0656**	**Manual 2-way group valves kit.** Consisting of a valve and a holder, the first allows the cabinet to be manually excluded from the system, while the holder allows the balancing of system load losses. Also allowed when solenoid valves on the collector are managed by the control kit of terminal Bi2.
		**B0204**	**Manual 2-way valve isolation kit.** Avoids condensation during the cooling operation (already included in the other thermoelectric hydraulic kits).
		**B0200** **B0201**	**Adaptors couple kit.** Allows you to transform the Bi2 3/4 " Eurocone connection into a standard 1/2 "(B0200) or 3/4 " (B0201) gas thread connection.
		**B0203**	**Kit 90° Eurokonus bend.** Facilitates the connection in case of hydraulic connections with walled pipes
ELECTRICAL KITS		**B0336**	**Minimum temperature thermostat kit.** Only compatible with B0658.
		**B0459**	**Control connection extension kit.** Power and motor sensor electric connection cable for installations where connection positions are rotated (from Left to Right).
AESTHETICAL KITS		**B0157**	**Feet kit** Kit of two aesthetic feet for coverage of any floor pipes.
		**B0193**	**Floor fixing bracket kit.** Terminal support and floor fixing bracket kit (front glass applications or on non-bearing walls). To be used in combination with kit B0157.
		**B0649** (200) **B0650** (400) **B0651** (600) **B0652** (800) **B0653** (1000)	**Back panel in painted sheet (for front glass applications).**
		**B0644** (200) **B0645** (400) **B0646** (600) **B0647** (800) **B0648** (1000)	**Bi2 ceiling installation kit (excluding version SLR and SLI)**

Bi2 naked
SLIR inverter

The **first** recessed **inverter** fan coil radiator with **heating panel**.



FEATURES

Cools, Dehumidifies, Heats and Filters

Recessed version with heating panel

Compact: recessed wall thickness of just 142 mm

Range consists of 5 power models

Recess with formwork

DC brushless Motor

Ultra slim aesthetic panel

Only available with left hydraulic connections.

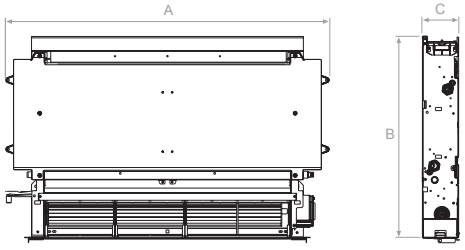
installation:

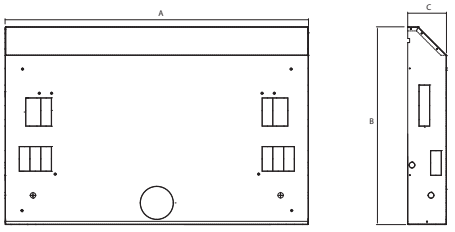
wall

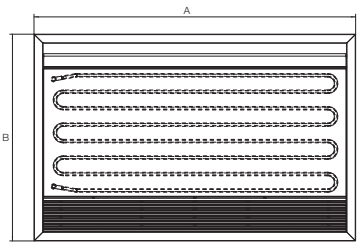
Available in colors: ☐ White

		BI2 with heating panel. (SLIR Inverter)				
MODEL		**SLIR200**	**SLIR400**	**SLIR600**	**SLIR800**	**SLIR1000**
Recessed heating*	CODE	01639	01640	01641	01642	01643
Heating panel kit	CODE	B0731	B0732	B0733	B0734	B0735
formwork for recess	CODE	B0568	B0569	B0570	B0571	B0572

* formwork and front heating panel are necessary







SLIR inverter VERSION		SLIR 200	SLIR 400	SLIR 600	SLIR 800	SLIR 1000
A	mm	525	725	925	1125	1325
B	mm	576	576	576	576	576
C	mm	126	126	126	126	126
Weight	kg	9	12	15	18	21

		200	400	600	800	1000
A	mm	713	913	1113	1313	1513
B	mm	725	725	725	725	725
C	mm	142	142	142	142	142

		200	400	600	800	1000
A	mm	772,5	972,5	1172,5	1372,5	1572,5
B	mm	754	754	754	754	754

Back detail of heating front panel partitioned by SLIR version

Recessed with aesthetic panel sheet (SLI version and SLIR heating)

		Bi2 SLIR inverter				
MODEL		200	400	600	800	1000
(a) Total cooling capacity	kW	0,82	1,74	2,54	3,29	3,78
Sensible cooling capacity	kW	0,64	1,25	1,94	2,54	2,98
Water flow rate	lt/h	142	302	446	573	655
Water pressure loss	kPa	13,1	8,2	19	18,7	18,2
(b) Heating capacity (50°C)	kW	1,05	2,31	3,12	4,10	4,67
Water flow rate (50°C)	lt/h	84	185	249	329	374
Water pressure loss (50°C)	kPa	10,9	6,8	15,8	15,5	15,1
(c) Heating capacity (70°C)	kW	1,77	3,88	5,21	6,88	7,83
Water flow rate (70°C)	lt/h	152	334	448	592	673
Water pressure loss (70°C)	kPa	10,9	7,0	14,3	12,7	12,5
Battery water capacity	l	0,47	0,8	1,13	1,46	1,8
Maximum operating pressure	bar	10	10	10	10	10
Water connections	inches	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4
(d) Air flow min	m^3/h	100	170	180	370	420
(d)Air flow max	m^3/h	160	320	460	575	650
Absorbed power min	W	5	6	7	8	9
Absorbed power max	W	11	19	20	24	27
Sound power min Lw	dB(A)	38	39	41	42	42
Sound power max Lw	dB(A)	52	53	53	54	54
(g) Sound pressure	dB(A)	34	36	37	35	38
Electrical supply	V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Max capacity static heating (50°C)	kW	0,37	0,42	0,50	0,62	0,77
Max capacity static heating (70°C)	kW	0,59	0,71	0,84	1,04	1,28
Water content heating panel	l	0,5	0,6	0,7	0,9	1,0

Performance at maximum ventilation speed
(a) Water temperature in battery inlet 7°C, water temperature in battery outlet 12°C, ambient air temperature 27°C b.s. and 19°C b.u.
(b) Water temperature in battery inlet 50°C, water flow in cooling + panel, inlet ambient air temperature 20°C
(c) Water temperature in battery inlet 70°C, water temperature in battery outlet 60°C, ambient air temperature inlet 20°C
(d) Air flow measured with clean filters
(g) Sound pressure measured at 1,5 m

ACCESSORIES **SLIR inverter**

REMOTE CONTROL

	CODE	DESCRIPTION	COMPATIBILITY
	**B0685**	Bi2 inverter control kit **for remotization**. The main operating parameters, set point and ambient temperature are transmitted from the remote control B0736 to all connected fan coils on the network, enabling a seamless operation. It has a 230VAC outlet for the control of a solenoid valve, two clean contacts for the control of a chiller or a boiler, and a presence inlet. Operation in MODBUSprotocol, RS485.	B0736 AQUADUE CONTROL My Home by bticino
	**B0756**	Control kit **for remotization** for the management and control through analogic inlet 0-10V or contacts. It has a 230VAC outlet for the control of one solenoid valve and a water sensor inlet with minimum temperature sensor function (in the contact mode)	
	**B0736**	LCD **wall clock thermostat remote** control kit Programmable wall LCD thermostat control for MODBUS connection, RS485. Ability to control up to 30 units. Desired temperature selection, operation mode, fan speed, manual/programmable thermostat. Room sensor inserted in control. Backlit LCD. Presence contact input. The control is equipped with a 230/12VAC double insulation power transformer and a buffer battery. Wall installation with center to center distance compatible with standard recessed mounting box 503.	B0685 AQUADUE CONTROL

		CODE	DESCRIPTION
HYDRAULIC KITS		B0139 B0832	**2 way group valves with thermoelectric actuator kit.** **2-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch.** Consists of a valve with thermoelectric actuator and holder, the first allows for the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses. This kit is mandatory in version SLR except in the case of using a 3-way valve kit or in the presence of a collector with thermoelectric heads.
		B0635 B0834	**3-way group valves kit with thermoelectric actuator.** **3-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch.** Consists of a three-way diverter valve with thermoelectric actuator, and a holder. The first allows the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses; the by-pass keeps water circulating in the system. This kit is an alternative to the 2-way solenoid valve kit (required in version SLR).
			The valve unit kits with thermoelectric actuator are recommended for the following command kits to activate chiller and boiler: B0659 - B0673 - B0707 - B0774 - B0772 - B0828 - B0756
		B0205	**Manual 2-way group valves kit.** Consisting of a valve and a holder, the first allows the cabinet to be manually excluded from the system, while the holder allows the balancing of system load losses. Also allowed when solenoid valves on the collector are managed by the control kit of terminal Bi2.
		B0204	**Manual 2-way valve isolation kit.** Avoids condensation during the cooling operation (already included in the other thermoelectric hydraulic kits).
		B0200 B0201	**Adaptors couple kit.** Allows you to transform the Bi2 3/4 " Eurocone connection into a standard 1/2 "(B0200) or 3/4 " (B0201) gas thread connection.
		B0203	**Kit 90° Eurokonus bend.** Facilitates the connection in case of hydraulic connections with walled pipes
RECESSED KIT			**Formwork for recess with closing panel: Structure for recessed installation.** For vertical installation B0568 (200), B0569 (400), B0570 (600), B0571 (800), B0572 (1000)
			**Recessed closing heating panel for recessed structure. *** For vertical installation B0731 (200), B0732 (400), B0733 (600), B0734 (800), B0735 (1000)

* Necessary accessory kit.

Bi2 naked
SLI inverter

Recessed **inverter** fan coil unit.

FEATURES

Cools, Dehumidifies, Heats and Filters

Recessed version

Compact: recessed wall thickness of just 142 mm

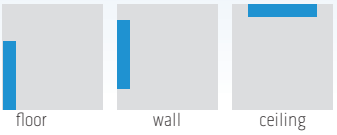
Range consists of 5 power models

Recess with formwork

DC brushless Motor

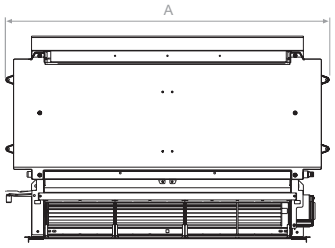
Ultra slim aesthetic panel

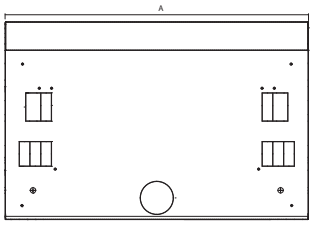
installation:

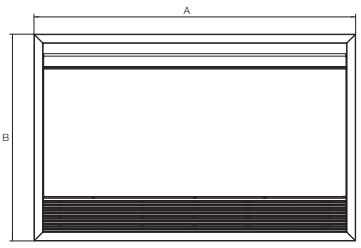


Available in colors: ☐ White

		BI2 SLI without heating panel. (SLI Inverter)				
MODEL		**SLI200**	**SLI400**	**SLI600**	**SLI800**	**SLI1000**
Recessed	CODE	01513	01514	01515	01516	01517







SLI 2 tubes recessed VERSION		SLI 200	SLI 400	SLI 600	SLI 800	SLI 1000
A	mm	525	725	925	1125	1325
B	mm	576	576	576	576	576
C	mm	126	126	126	126	126
Weight	kg	7	9,5	11	14	17

		200	400	600	800	1000
A	mm	713	913	1113	1313	1513
B	mm	725	725	725	725	725
C	mm	142	142	142	142	142

		200	400	600	800	1000
A	mm	772,5	972,5	1172,5	1372,5	1572,5
B	mm	754	754	754	754	754

Wall installation.

Recessed with aesthetic panel sheet (SLI version and SLIR heating)

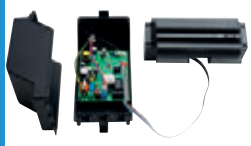
Ceiling installation.

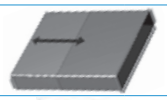
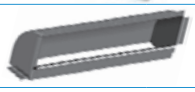
MODEL		Bi2 SLI inverter				
		200	400	600	800	1000
(a) Total cooling capacity	kW	0,82	1,74	2,54	3,29	3,78
Sensible cooling capacity	kW	0,64	1,25	1,94	2,54	2,98
Water flow rate	lt/h	142	302	446	573	655
Water pressure loss	kPa	13,1	8,2	19	18,7	18,2
(b) Heating capacity (50°C)	kW	1,05	2,31	3,12	4,10	4,67
Water flow rate (50°C)	lt/h	84	185	249	329	374
Water pressure loss (50°C)	kPa	10,9	6,8	15,8	15,5	15,1
(c) Heating capacity (70°C)	kW	1,77	3,88	5,21	6,88	7,83
Water flow rate (70°C)	lt/h	152	334	448	592	673
Water pressure loss (70°C)	kPa	10,9	7,0	14,3	12,7	12,5
Water battery capacity	l	0,47	0,8	1,13	1,46	1,8
Maximum operating pressure	bar	10	10	10	10	10
Water connections	inches	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4
(d) Air flow min	m^3/h	100	170	180	370	420
(d) Air flow max	m^3/h	160	320	460	575	650
Absorbed powe min	W	5	6	7	8	9
Absorbed powe max	W	11	19	20	24	27
Sound power min Lw	dB(A)	38	39	41	42	42
Sound power max Lw	dB(A)	52	53	53	54	54
(g) Sound power	dB(A)	34	36	37	35	38
Electrical supply	V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50

Performance at maximum ventilation speed
(a) Water temperature in battery inlet 7°C, water temperature in battery outlet 12°C, ambient air temperature 27°C b.s. and 19°C b.u.
(b) Water temperature in battery inlet 50°C, water flow in cooling + panel, inlet ambient air temperature 20°C
(c) Water temperature in battery inlet 70°C, water temperature in battery outlet 60°C, ambient air temperature inlet 20°C
(d) Air flow measured with clean filters
(g) Sound pressure measured at 1,5 m

ACCESSORIES **SLI inverter**

REMOTE CONTROL

	CODE	DESCRIPTION	COMPATIBILITY
	**B0685**	Bi2 inverter control kit **for remotization**. The main operating parameters, set point and ambient temperature are transmitted from the remote control B0736 to all connected fan coils on the network, enabling a seamless operation. It has a 230VAC outlet for the control of a solenoid valve, two clean contacts for the control of a chiller or a boiler, and a presence inlet. Operation in MODBUSprotocol, RS485.	B0736 AQUADUE CONTROL My Home by bticino
	**B0756**	Control kit **for remotization** for the management and control through analogic inlet 0-10V or contacts. It has a 230VAC outlet for the control of one solenoid valve and a water sensor inlet with minimum temperature sensor function (in the contact mode)	
	**B0151**	**Wall control kit** with thermostat, summer/winter selector and speed switch. Wall thermostat with room sensor, On-Off switch, three-speed fan and summer/winter selector. Temperature range setting from 5 ° C to 30 ° C. 230 V supply. It has two 230VAC hot water and cold water solenoid outlets and an inlet water temperature sensor.	B0756
	**B0152**	**Recessed control kit** LCD with ambient sensor and thermostat, summer/winter selector and speed switch.Electronic recessed thermostat with ambient sensor, On-Off switch, fan speed selector (min, med, max and auto), ambient temperature, minimum water sensor mode and summer/winter selector. Temperature range setting from 5 ° C to 30 ° C. 230 V supply.	B0756
	**B0736**	LCD **wall clock thermostat remote** control kit Programmable wall LCD thermostat control for MODBUS connection, RS485. Ability to control up to 30 units. Desired temperature selection, operation mode, fan speed, manual/programmable thermostat. Room sensor inserted in control. Backlit LCD. Presence contact input. The control is equipped with a 230/12VAC double insulation power transformer and a buffer battery. Wall installation with center to center distance compatible with standard recessed mounting box 503.	B0685 AQUADUE CONTROL

		CODE	DESCRIPTION
HYDRAULIC KITS		B0139 B0832	**2 way group valves with thermoelectric actuator kit.** **2-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch.** Consists of a valve with thermoelectric actuator and holder, the first allows for the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses. This kit is mandatory in version SLR except in the case of using a 3-way valve kit or in the presence of a collector with thermoelectric heads.
		B0641 B0833	**2-way valves group kit with thermoelectric actuator and bypass branch with pressure relief valve.** **2-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch and by-pass branch with pressure-relief valve.** The kit consists of a valve with thermoelectric actuator, a holder and a bypass with a pressure relief valve, the first allows the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses while the by-pass maintains the system balanced even with cabinet excluded. This kit is an alternative to the 2-way solenoid valve kit. (Required in SLR version)
		B0635 B0834	**3-way group valves kit with thermoelectric actuator.** **3-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch.** Consists of a three-way diverter valve with thermoelectric actuator, and a holder. The first allows the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses; the by-pass keeps water circulating in the system. This kit is an alternative to the 2-way solenoid valve kit (required in version SLR).
			The valve unit kits with thermoelectric actuator are recommended for the following command kits to activate chiller and boiler: B0659 - B0673 - B0707 - B0774 - B0772 - B0828 - B0756
		B0205	**Manual 2-way group valves kit.** Consisting of a valve and a holder, the first allows the cabinet to be manually excluded from the system, while the holder allows the balancing of system load losses.
		B0204	**Manual 2-way valve isolation kit.** Avoids condensation during the cooling operation (already included in the other thermoelectric hydraulic kits).
		B0501	**Spacer kit (No. 1 unit) 3/4 Eurokonus.** Available for multilayer pipes d. 20 mm. (which do not allow adequate bending radii), no. 1 or 2 kit. for machine according to the type of installation.
		B0200 B0201	**Adaptors couple kit.** Allows you to transform the Bi2 3/4 " Eurocone connection into a standard 1/2 "(B0200) or 3/4 " (B0201) gas thread connection.
		B0203	**Kit 90° Eurokonus bend.** Facilitates the connection in case of hydraulic connections with walled pipes
ELECTRICAL KITS		B0632 (200) (400) (600) B0633 (800) (1000)	**Control connection extension kit.** Power and motor sensor electric connection cable for installations where connection positions are rotated (from Left to Right).
RECESSED KIT			**Ceiling recessed kit: air discharge grid with wing profile.*** B0550 (200), B0551 (400), B0552 (600), B0553 (800), B0554 (1000) **Ceiling recessed kit: air suction grid with wing profile.*** B0559 (200), B0560 (400), B0561 (600), B0562 (800), B0563 (1000)
			**Ceiling recessed kit: air discharge grid with wing profile.** B0815 (200), B0816 (400), B0817 (600), B0818 (800), B0819 (1000) **Ceiling recessed kit: air suction grid with wing profile.** B0820 (200), B0821 (400), B0822 (600), B0823 (800), B0824 (1000)
			**Suction kit for false ceiling or plasterboard trapdoor.** Channels the air drawn from the suction grille to the cabinet. B0194 (200), B0195 (400), B0196 (600), B0197 (800), B0198 (1000)
			**Upper telescopic discharge plenum kit.** Channels the air from the cabinet to the discharge grille. B0160 (200), B0161 (400), B0162 (600), B0163 (800), B0164 (1000)
			**Recessed kit with closing panel: Structure for recessed installation.** * For vertical installation (combine with closing panel) B0568 (200), B0569 (400), B0570 (600), B0571 (800), B0572 (1000)
			**Closing panel for recessed structure.** For vertical installation (combine with recessed structure kit) B0578 (200), B0579 (400), B0580 (600), B0581 (800), B0582 (1000)
			**90° insulated discharge plenum kit.** Channels the air from the cabinet to the discharge grille. (non compatible with recessed structure). B0165 (200), B0166 (400), B0167 (600), B0168 (800), B0169 (1000)

* ceiling recessed kit while stocks last; hereafter ceiling recessed kits with codes B0815-B0819 and B0820-B0824 will be valid.

Bi2 **4**tubes*

SLR 4T

Fan coil radiator for **heating** and **cooling** at the same time.

FEATURES

Cools, Dehumidifies, Heats and Filters

Simultaneous Cooling + Heating

Double HE Coil

AC Motor

Version with heating panel

Compact: recessed wall thickness of just 12,9 cm

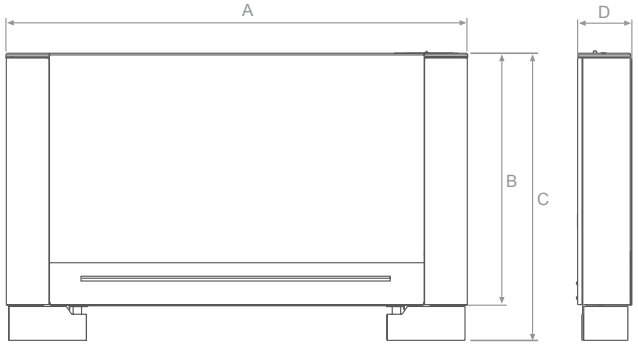
Range consists of 5 power models

Easy maintenance: the easy removability of air filters and access to the front fan simplify cleaning

installation:

Available in colors: ☐ White

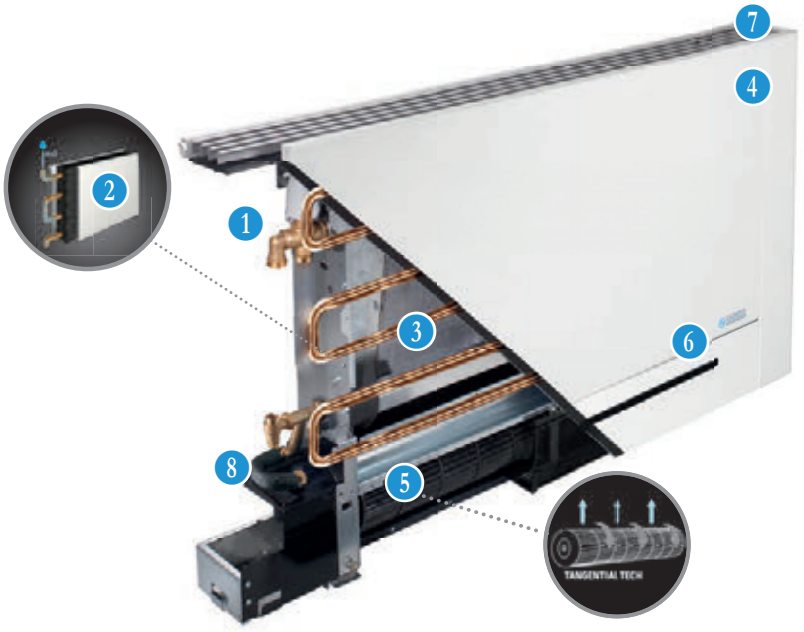
		BI2 SLR 4 tubes with heating panel.				
MODEL		**150**	**250**	**350**	**500**	**650**
SLR 4 tubes	codice	01711	01712	01713	01714	01715



		150	**250**	**350**	**500**	**650**
A	mm	697	897	1097	1297	1497
B	mm	639	639	639	639	639
C	mm	719	719	719	719	719
D	mm	129	129	129	129	129
Peso netto	kg	22	27	32	36	41

* product available only on request

1. Valve with thermoelectric actuator (accessory kit)
2. Tubular heating panel
3. High Efficiency Coil
4. Water temperature sensor
5. High efficiency tangential fan
6. DC brushless inverter motor
7. Electronic controls (accessory kit)
8. Condensation collector basin



		SLR 4T 150			SLR 4T 250			SLR 4T 350			SLR 4T 500			SLR 4T 650		
Speed		min	med	max	min	med	max	min	med	max	min	med	max	min	med	max
Total cooling output	kW	0,30	0,51	0,57	0,73	0,94	1,19	1,04	1,42	1,72	1,14	1,74	2,22	1,34	2,11	2,56
Sensitive cooling output	kW	0,21	0,36	0,48	0,55	0,72	0,93	0,80	1,07	1,43	0,95	1,41	1,76	1,05	1,64	2,08
Heating	kW	0,47	0,56	0,60	0,93	1,09	1,29	1,30	1,66	1,75	1,61	1,95	2,26	2,23	2,38	2,57
Cooling Dp	kPa	2,6	6,2	7,3	1,8	2,7	3,9	3,8	6,6	9,2	2,6	5,8	8,8	2,3	5,7	8,6
Heating Dp	kPa	0,1	0,1	0,1	0,5	0,6	0,7	0,2	0,4	0,4	0,5	0,7	0,9	0,8	0,9	1,1
Motor absorption	W	8	10	16	10	13	19	13	16	25	16	19	30	17	25	35
Acoustic power Lw	dB(A)	40	47	54	40	47	54	40	47	54	43	50	57	44	51	57

performance refers to the following operational conditions:
COOLING: air temperature 27°C d.b., 19°C w.b., water temperature 7°C inlet, 12°C outlet
HEATING: air temperature 20°C, water temperature 70°C inlet, 60°C outlet

ACCESSORIES SLR 4T

		CODE	DESCRIPTION	COMPATIBILITY
ON BOARD CONTROL		B0659	**Built-in** electronic control kit. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor connection, and two 230VAC outlets for the control of 2 valves.	
		B0374	**Built-in** electronic control For SLR 4 pipes, SL 4 pipes versions. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor connection, and two 230V outlets for the control of 2 valves.	
REMOTE CONTROL		B0375	Electronic control kit **for remotization** The main operating parameters, set point and ambient temperature are transmitted from remote controls B0736 to all fan coils connected on the network, enabling a seamless operation. It has two 230 V outlets for the control of two solenoid valves and two contacts for the control of a presence sensor. Operation in MODBUS, RS485.	B0736 AQUADUE CONTROL
		B0736	LCD **wall clock thermostat remote** control kit Programmable wall LCD thermostat control for MODBUS connection, RS485. Ability to control up to 30 units. Desired temperature selection, operation mode, fan speed, manual/programmable thermostat. Room sensor inserted in control. Backlit LCD. Presence contact input. The control is equipped with a 230/12VAC double insulation power transformer and a buffer battery. Wall installation with center to center distance compatible with standard recessed mounting box 503.	B0375 AQUADUE CONTROL

		CODE	DESCRIPTION
HYDRAULIC KITS		B0825	**2-way group valves with thermoelectric actuator kit (for 4 tubes model).** Consists of a valve with thermoelectric actuator and holder, the first allows for the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses. This kit is mandatory in version SLR except in the case of using a 3-way valve kit or in the presence of a collector with thermoelectric heads.
		B0826	**3-way group valves kit with thermoelectric actuator (for 4 tubes model).** Consists of two three-way diverter valves with thermoelectric actuators, and two holders. They allow the control of terminal thermal emissions intercepting water passage; the holders allow the balancing of system load losses; the by-pass keeps water circulating in the system. This kit is an alternative to the 2-way solenoid valve kit.
		B0205 x2	**Manual 2-way group valves kit.** Consisting of a valve and a holder, the first allows the cabinet to be manually excluded from the system, while the holder allows the balancing of system load losses.
		B0204 x2	**Manual 2-way valve isolation kit.** Avoids condensation during the cooling operation (already included in the other thermoelectric hydraulic kits).
		B0200 B0201	**Adaptors couple kit.** Allows you to transform the Bi2 3/4 " Eurocone connection into a standard 1/2 "(B0200) or 3/4 " (B0201) gas thread connection.
		B0203	**kit 90° Eurokonus bend.** Facilitates the connection in case of hydraulic connections with walled pipes
ELECTRICAL KITS		B0459	**Control connection extension kit.** Power and motor sensor electric connection cable for installations where connection positions are rotated (from Left to Right).
AESTHETICAL KITS		B0157	**Feet kit** Kit of two aesthetic feet for coverage of any floor pipes. Available in white.
		B0193	**Floor fixing bracket kit.** Terminal support and floor fixing bracket kit (front glass applications or on non-bearing walls). To be used in combination with kit B0157.
		**B0181** (150) **B0183** (250) **B0185** (350) **B0187** (500) **B0189** (650)	**Back panel in painted sheet (for front glass applications).**

Bi2 4tubes*

SL 4T

Fan coil unit for **heating** and **cooling** at the same time.

FEATURES

Cools, Dehumidifies, Heats and Filters

Simultaneous Cooling + Heating

Double HE Coil

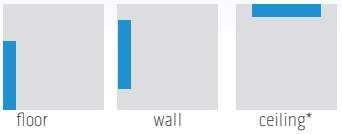
AC Motor

Compact: recessed wall thickness of just 12,9 cm

Range consists of 5 power models

Easy maintenance: the easy removability of air filters and access to the front fan simplify cleaning

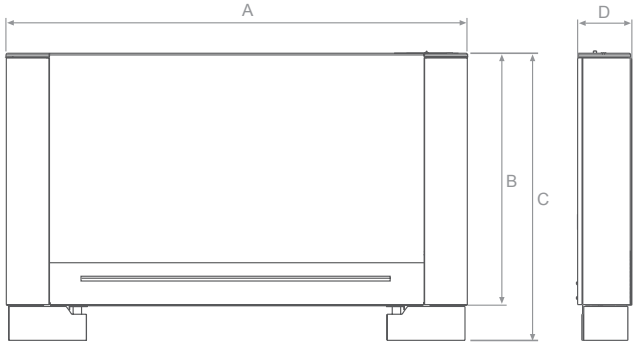
installation:



Available in colors: ☐ White

* Front basin kit and feet kit are necessary

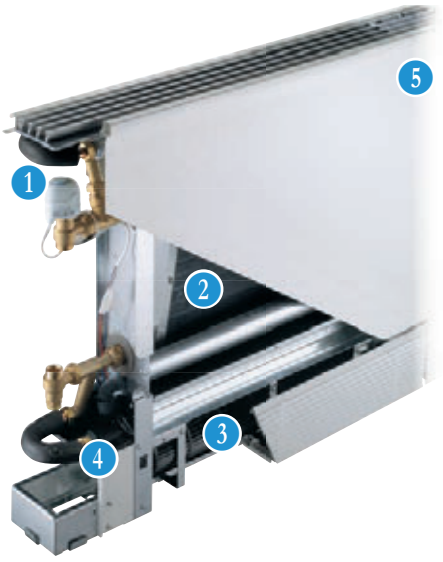
		BI2 SL version 4 tubes				
MODEL		**150**	**250**	**350**	**500**	**650**
SL 4 tubes	codice	01701	01702	01703	01704	01705



		150	250	350	500	650
A	mm	697	897	1097	1297	1497
B	mm	639	639	639	639	639
C	mm	719	719	719	719	719
D	mm	129	129	129	129	129
Weight	kg	15	17	20	22	26

* product available only on request

1. Valve with thermoelectric actuator (accessory kit)
2. Battery
3. Tangential fan
4. Condensation collector basin
5. Cold water and hot water temperature sensor

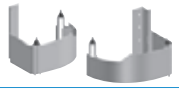


		SL 4T 150			SL 4T 250			SL 4T 350			SL 4T 500			SL 4T 650		
Speed		min	med	max	min	med	max	min	med	max	min	med	max	min	med	max
Total cooling output	kW	0,30	0,51	0,57	0,73	0,94	1,19	1,04	1,42	1,72	1,14	1,74	2,22	1,34	2,11	2,56
Sensitive cooling output	kW	0,21	0,36	0,48	0,55	0,72	0,93	0,80	1,07	1,43	0,95	1,41	1,76	1,05	1,64	2,08
Heating	kW	0,47	0,56	0,60	0,93	1,09	1,29	1,30	1,66	1,75	1,61	1,95	2,26	2,23	2,38	2,57
Cooling Dp	kPa	2,6	6,2	7,3	1,8	2,7	3,9	3,8	6,6	9,2	2,6	5,8	8,8	2,3	5,7	8,6
Heating Dp	kPa	0,1	0,1	0,1	0,5	0,6	0,7	0,2	0,4	0,4	0,5	0,7	0,9	0,8	0,9	1,1
Motor absorption	W	8	10	16	10	13	19	13	16	25	16	19	30	17	25	35
Acoustic power Lw	dB(A)	40	47	54	40	47	54	40	47	54	43	50	57	44	51	57

performance refers to the following operational conditions:
COOLING: air temperature 27°C d.b., 19°C w.b., water temperature 7°C inlet, 12°C outlet
HEATING: air temperature 20°C, water temperature 70°C inlet, 60°C outlet

ACCESSORIES SL 4T

		CODE	DESCRIPTION	COMPATIBILITY
ON BOARD CONTROL		B0659	**Built-in** electronic control kit. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor connection, and two 230VAC outlets for the control of 2 valves.	
		B0374	**Built-in** electronic control For SLR 4 pipes, SL 4 pipes versions. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor connection, and two 230V outlets for the control of 2 valves.	
REMOTE CONTROL		B0707	Electronic control kit **for remotization** for 5 speed Fan (selectable between 5 available) and 2 solenoid valves. Fan control kit with motor feedback with speed gauge generator. No need to configure controls depending on the size of the fan coil. Electronic remote board solenoid valves actuating contacts. From same control B0151 or B0152 you can control up to 10 terminals equipped with Bi2 B0707.	B0151
		B0375	Electronic control kit **for remotization** The main operating parameters, set point and ambient temperature are transmitted from remote controls B0736 to all fan coils connected on the network, enabling a seamless operation. It has two 230 V outlets for the control of two solenoid valves and two contacts for the control of a presence sensor. Operation in MODBUS, RS485.	B0736 AQUADUE CONTROL
		B0151	**Wall control kit** with thermostat, summer/winter selector and speed switch. Wall thermostat with room sensor, On-Off switch, three-speed fan and summer/winter selector. Temperature range setting from 5 ° C to 30 ° C. 230 V supply. It has two 230VAC hot water and cold water solenoid outlets and an inlet water temperature sensor.	B0707
		B0736	LCD **wall clock thermostat remote** control kit. Programmable wall LCD thermostat control for MODBUS connection, RS485. Ability to control up to 30 units. Desired temperature selection, operation mode, fan speed, manual/programmable thermostat. Room sensor inserted in control. Backlit LCD. Presence contact input. The control is equipped with a 230/12VAC double insulation power transformer and a buffer battery. Wall installation with center to center distance compatible with standard recessed mounting box 503.	B0375 AQUADUE CONTROL

		CODE	DESCRIPTION
HYDRAULIC KITS		B0219	**2-way group valves with thermoelectric actuator kit (for 4 tubes model).** Consists of a valve with thermoelectric actuator and holder, the first allows for the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses. This kit is mandatory in version SLR except in the case of using a 3-way valve kit or in the presence of a collector with thermoelectric heads.
		B0221	**3-way group valves kit with thermoelectric actuator (for 4 tubes model).** Consists of two three-way diverter valves with thermoelectric actuators, and two holders. They allow the control of terminal thermal emissions intercepting water passage; the holders allow the balancing of system load losses; the by-pass keeps water circulating in the system. This kit is an alternative to the 2-way solenoid valve kit.
		B0205 x2	**Manual 2-way group valves kit.** Consisting of a valve and a holder, the first allows the cabinet to be manually excluded from the system, while the holder allows the balancing of system load losses.
		B0204 x2	**Manual 2-way valve isolation kit.** Avoids condensation during the cooling operation (already included in the other thermoelectric hydraulic kits).
		B0200 B0201	**Adaptors couple kit.** Allows you to transform the Bi2 3/4 " Eurocone connection into a standard 1/2 "(B0200) or 3/4 " (B0201) gas thread connection.
		B0203	**kit 90° Eurokonus bend.** Facilitates the connection in case of hydraulic connections with walled pipes
ELECTRICAL KITS		B0459	**Control connection extension kit.** Power and motor sensor electric connection cable for installations where connection positions are rotated (from Left to Right).
AESTHETICAL KITS		B0157	**Feet kit** Kit of two aesthetic feet for coverage of any floor pipes. Available in white.
		B0193	**Floor fixing bracket kit.** Terminal support and floor fixing bracket kit (front glass applications or on non-bearing walls). To be used in combination with kit B0157.
		**B0181** (150) **B0183** (250) **B0185** (350) **B0187** (500) **B0189** (650)	**Back panel in painted sheet (for front glass applications).**

Bi2 4tubes naked

SLI 4T

Recessed Fan coil unit for heating and cooling at the same time.

FEATURES

Cools, Dehumidifies, Heats and Filters

Simultaneous Cooling + Heating

Double HE Coil

AC Motor

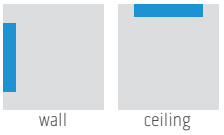
RECESSED version

Compact: recessed wall thickness of just 12,9 cm

Range consists of 5 power models

Easy maintenance: the easy removability of air filters and access to the front fan simplify cleaning

installation:



		BI2 SLI version 4 tubes recessed.				
MODEL		**150**	**250**	**350**	**500**	**650**
SLI 4 tubes	CODE	01706	01707	01708	01709	01710

* product available only on request

Wall installation.

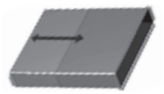
Ceiling installation.

		SLI 4T 150			SLI 4T 250			SLI 4T 350			SLI 4T 500			SLI 4T 650		
Speed		min	med	max	min	med	max	min	med	max	min	med	max	min	med	max
Total cooling output	kW	0,30	0,51	0,57	0,73	0,94	1,19	1,04	1,42	1,72	1,14	1,74	2,22	1,34	2,11	2,56
Sensitive cooling output	kW	0,21	0,36	0,48	0,55	0,72	0,93	0,80	1,07	1,43	0,95	1,41	1,76	1,05	1,64	2,08
Heating	kW	0,47	0,56	0,60	0,93	1,09	1,29	1,30	1,66	1,75	1,61	1,95	2,26	2,23	2,38	2,57
Cooling Dp	kPa	2,6	6,2	7,3	1,8	2,7	3,9	3,8	6,6	9,2	2,6	5,8	8,8	2,3	5,7	8,6
Heating Dp	kPa	0,1	0,1	0,1	0,5	0,6	0,7	0,2	0,4	0,4	0,5	0,7	0,9	0,8	0,9	1,1
Motor absorption	W	8	10	16	10	13	19	13	16	25	16	19	30	17	25	35
Acoustic power Lw	dB(A)	40	47	54	40	47	54	40	47	54	43	50	57	44	51	57

performance refers to the following operational conditions:
COOLING: air temperature 27°C d.b., 19°C w.b., water temperature 7°C inlet, 12°C outlet
HEATING: air temperature 20°C, water temperature 70°C inlet, 60°C outlet

ACCESSORIES SLI 4T

		CODE	DESCRIPTION	COMPATIBILITY
ON BOARD CONTROL		**B0707**	Electronic control kit **for remotization** for 5 speed Fan (selectable between 5 available) and 2 solenoid valves. Fan control kit with motor feedback with speed gauge generator. No need to configure controls depending on the size of the fan coil. Electronic remote board solenoid valves actuating contacts. From same control B0151 or B0152 you can control up to 10 terminals equipped with Bi2 B0707.	B0151
REMOTE CONTROL		**B0375**	Electronic control kit **for remotization** The main operating parameters, set point and ambient temperature are transmitted from remote controls B0736 to all fan coils connected on the network, enabling a seamless operation. It has two 230 V outlets for the control of two solenoid valves and two contacts for the control of a presence sensor. Operation in MODBUS, RS485.	B0736 AQUADUE CONTROL
		**B0151**	**Wall control kit** with thermostat, summer/winter selector and speed switch. Wall thermostat with room sensor, On-Off switch, three-speed fan and summer/winter selector. Temperature range setting from 5 ° C to 30 ° C. 230 V supply. It has two 230VAC hot water and cold water solenoid outlets and an inlet water temperature sensor.	B0707
		**B0736**	LCD **wall clock thermostat remote** control kit. Programmable wall LCD thermostat control for MODBUS connection, RS485. Ability to control up to 30 units. Desired temperature selection, operation mode, fan speed, manual/programmable thermostat. Room sensor inserted in control. Backlit LCD. Presence contact input. The control is equipped with a 230/12VAC double insulation power transformer and a buffer battery. Wall installation with center to center distance compatible with standard recessed mounting box 503.	B0375 AQUADUE CONTROL

		CODE	DESCRIPTION
HYDRAULIC KITS		B0219	**2-way group valves with thermoelectric actuator kit.** Consists of a valve with thermoelectric actuator and holder, the first allows for the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses. This kit is mandatory in version SLR except in the case of using a 3-way valve kit or in the presence of a collector with thermoelectric heads.
		B0221	**3-way group valves kit with thermoelectric actuator.** Consists of two three-way diverter valves with thermoelectric actuators, and two holders. They allow the control of terminal thermal emissions intercepting water passage; the holders allow the balancing of system load losses; the by-pass keeps water circulating in the system. This kit is an alternative to the 2-way solenoid valve kit.
		B0205 x2	**Manual 2-way group valves kit.** Consisting of a valve and a holder, the first allows the cabinet to be manually excluded from the system, while the holder allows the balancing of system load losses.
		B0204 x2	**Manual 2-way valve isolation kit.** Avoids condensation during the cooling operation (already included in the other thermoelectric hydraulic kits).
		B0200 B0201	**Adaptors couple kit.** Allows you to transform the Bi2 3/4 " Eurocone connection into a standard 1/2 "(B0200) or 3/4 " (B0201) gas thread connection.
		B0203	**Kit 90° Eurokonus bend.** Facilitates the connection in case of hydraulic connections with walled pipes
ELECTRICAL KITS		B0459	**Control connection extension kit.** Power and motor sensor electric connection cable for installations where connection positions are rotated (from Left to Right).
AESTHETICAL KITS			**Ceiling recessed kit: air discharge grid with wing profile.*** B0550 (200), B0551 (400), B0552 (600), B0553 (800), B0554 (1000) **Ceiling recessed kit: air suction grid with wing profile.*** B0559 (200), B0560 (400), B0561 (600), B0562 (800), B0563 (1000)
			**Ceiling recessed kit: air discharge grid with wing profile.** B0815 (200), B0816 (400), B0817 (600), B0818 (800), B0819 (1000) **Ceiling recessed kit: air suction grid with wing profile.** B0820 (200), B0821 (400), B0822 (600), B0823 (800), B0824 (1000)
			**Suction kit for false ceiling or plasterboard trapdoor.** Channels the air drawn from the suction grille to the cabinet. B0194 (200), B0195 (400), B0196 (600), B0197 (800), B0198 (1000)
			**Upper telescopic discharge plenum kit.** Channels the air from the cabinet to the discharge grille. B0160 (200), B0161 (400), B0162 (600), B0163 (800), B0164 (1000)
			**90° insulated discharge plenum kit.** Channels the air from the cabinet to the discharge grille. (non compatible with recessed structure). B0165 (200), B0166 (400), B0167 (600), B0168 (800), B0169 (1000)

* ceiling recessed kit while stocks last; hereafter ceiling recessed kits with codes B0815-B0819 and B0820-B0824 will be valid.

Bi2 **WALL**

Fan coil **WALL INVERTER** ultraslim

BI2 wall is the winner of the GOOD DESIGN AWARD. Founded in Chicago in 1950, GOOD DESIGN is the oldest and most acknowledged international competition for design excellence.

EUROVENT CERTIFIED PERFORMANCE *

Design by S.Ercoli & A.Garlandini

FEATURES

Cools, Dehumidiefies, filter and heats

3 sizes available

Back-lighted display

DC brushless motor

Fitted with large motorised flap

Total flat aesthetic with tangential ventilation system

Adjustable environment thermostat

Functioning mode selection (cooling, heating, ventilation only, automatic, dehumidification)

Ventilation program selection (min, med, max)

Timer

Remote control

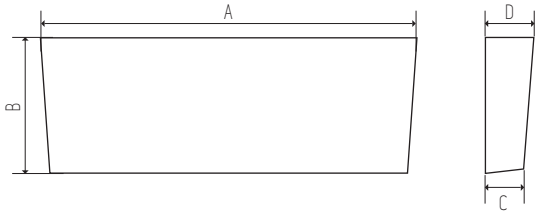
Remote control supplied

REVERSIBLE INSTALLATION:

consolle high-wall

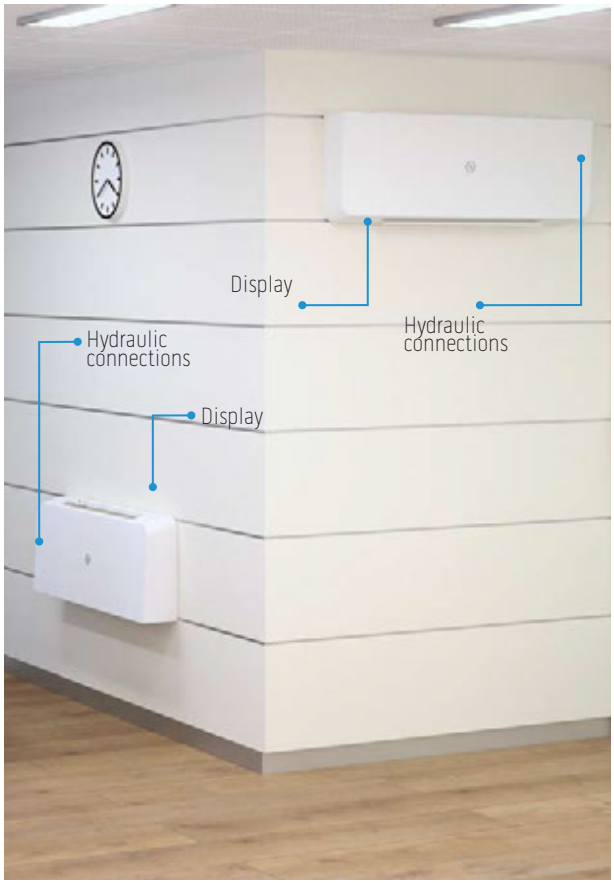
Available in colors: ☐ White

MODEL		Bi2 Wall SLW inverter		
		SLW 400	SLW 600	SLW 800
2-way valves	Code	01687	01688	01689
3-way valves	Code	01690	01691	01692



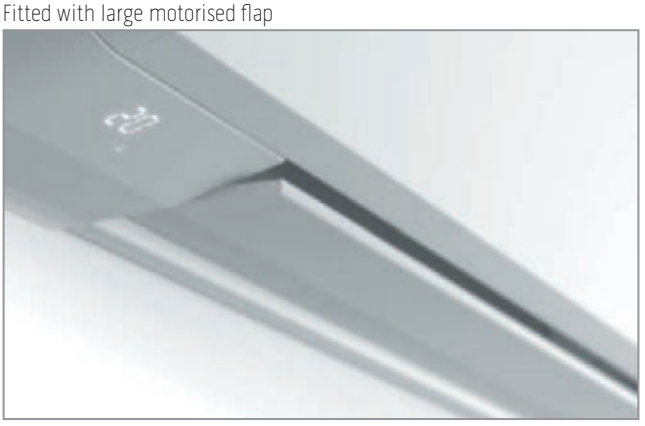
		SLW 400	SLW 600	SLW 800
A	mm	906	1106	1306
B	mm	380	380	380
C	mm	129	129	129
D	mm	150	150	150
Weight	kg	13	14,5	16

*Product under certification.



Bi2 Wall is the first hydronic terminal that can be installed as a split or as a console, by simply rotating the display on installation. In the split configuration, the water attachments are positioned on the right and the display is positioned on the left. In the console configuration, the water attachments are positioned on the left and the display is positioned on the right.

Fitted with large motorised flap



MODEL		Bi2 Wall SL inverter SLW 400	SLW 600	SLW 800
(a) Total cooling capacity	kW	1,01	1,23	1,82
Sensible cooling capacity	kW	0,91	1,15	1,47
Water flow rate	lt/h	174	214	313
Water pressure loss	kPa	8,91	7,89	11,0
(b) Heating capacity (50°C)	kW	1,55	2,16	2,85
Water flow rate (50°C)	lt/h	133	185	245
Water pressure loss (50°C)	kPa	7,1	2,5	8,8
(c) Heating capacity (70°C)	kW	2,70	3,79	4,93
Water flow rate (70°C)	lt/h	232	326	424
Water battery capacity	lt	0,3	0,4	0,5
Maximum operating pressure	kPa	8	8	8
Water connections	inches	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4
(d) Air flow min	m^3/h	155	250	255
(d) Air flow max	m^3/h	290	400	430
Absorbed powe min	W	7	8	9
Absorbed powe max	W	19	23	27
Sound power min Lw	dB	43	43	43
Sound power max Lw	dB	57	58	58
(g) Sound power	dB	39	40	40
Electrical supply	V/ph/Hz	230/1/50	230/1/50	230/1/50

Performance at maximum ventilation speed
(a) Water temperature in battery inlet 7°C, water temperature in battery outlet 12°C, ambient air temperature 27°C b.s. and 19°C b.u.
(b) Water temperature in battery inlet 50°C, water flow in cooling + panel, inlet ambient air temperature 20°C
(c) Water temperature in battery inlet 70°C, water temperature in battery outlet 60°C, ambient air temperature inlet 20°C
(d) Air flow measured with clean filters
(g) Sound pressure measured at 1,5 m

CERTIFIED PERFORMANCES

SELECTION TABLE - SL/SLR DC MOTOR

Ref.	Model / Speed		SL+ 200 SLR+ 200 SL SMART INVERTER 200 SLR SMART INVERTER 200 SLI INVERTER 200 SLIR INVERTER 200			SL+ 400 SLR+ 400 SL SMART INVERTER 400 SLR SMART INVERTER 400 SLI INVERTER 400 SLIR INVERTER 400			SL+ 600 SLR+ 600 SL SMART INVERTER 600 SLR SMART INVERTER 600 SLI INVERTER 600 SLIR INVERTER 600			SL+ 800 SLR+ 800 SL SMART INVERTER 800 SLR SMART INVERTER 800 SLI INVERTER 800 SLIR INVERTER 800			SL+ 1000 SLR+ 1000 SL SMART INVERTER 1000 SLR SMART INVERTER 1000 SLI INVERTER 1000 SLIR INVERTER 1000		
			min	med	max	min	med	max	min	med	max	min	med	max	min	med	max
(1)	Total power output in cooling mode	kW	0,38	0,71	0,82	0,91	1,34	1,74	1,50	2,10	2,54	1,98	2,69	3,29	2,17	3,25	3,78
(1)	Sensitive power output in cooling mode	kW	0,26	0,50	0,64	0,65	1,02	1,25	1,10	1,56	1,94	1,54	2,09	2,54	1,71	2,42	2,98
(1)	Water side head loss	kPa	3,8	10,6	13,1	2,4	5,5	8,2	7,5	14,2	19	7,3	13,8	18,7	5,7	13,1	18,2
(2)	Total power output in cooling mode	kW	0,28	0,51	0,60	0,67	1,00	1,27	1,12	1,58	1,90	1,32	1,81	2,19	1,46	2,19	2,54
(2)	Sensitive power output in cooling mode	kW	0,18	0,40	0,44	0,44	0,7	0,84	0,76	1,08	1,34	1,02	1,53	1,74	1,15	1,65	2,50
(2)	Water side head loss	kPa	0,8	6,1	8,0	0,8	2,9	4,8	3,2	7,9	11,3	1,0	4,6	7,4	0,4	5,1	7,4
(3)	Total power output in cooling mode	kW	0,34	0,57	0,66	0,66	1,06	1,41	1,24	1,72	2,10	1,46	1,96	2,46	1,55	2,45	2,83
(3)	Sensitive power output in cooling mode	kW	0,24	0,42	0,59	0,51	0,86	1,16	0,94	1,33	1,68	1,33	1,79	2,28	1,44	2,13	2,59
(3)	Water side head loss	kPa	2,2	7,5	9,5	0,8	3,4	5,8	4,5	9,5	13,5	2,0	5,7	9,4	1,0	6,9	9,4
(4)	Total power output in cooling mode	kW	0,16	0,31	0,36	0,39	0,60	0,77	0,64	0,91	1,11	0,74	0,99	1,22	0,80	1,21	1,40
(4)	Sensitive power output in cooling mode	kW	0,15	0,29	0,34	0,37	0,57	0,73	0,61	0,86	1,05	0,70	0,94	1,16	0,76	1,15	1,33
(4)	Water side head loss	kPa	0,3	1,7	2,8	0,2	0,5	1,5	0,2	1,0	3,1	0,3	0,3	0,4	0,2	0,4	1,2
(5)	Total power output in cooling mode	kW	0,24	0,44	0,52	0,58	0,86	1,09	0,96	1,36	1,63	1,16	1,58	1,92	1,28	1,92	2,22
(5)	Sensitive power output in cooling mode	kW	0,20	0,37	0,44	0,49	0,73	0,93	0,82	1,15	1,39	1,05	1,44	1,74	1,16	1,74	2,02
(5)	Water side head loss	kPa	0,4	1,8	2,4	0,4	0,9	1,3	1,6	2,7	3,4	1,3	1,8	2,3	1,1	2,1	2,6
(6)	Total power output in cooling mode	kW	0,18	0,33	0,39	0,44	0,65	0,83	0,73	1,03	1,24	0,93	1,28	1,54	1,02	1,53	1,78
(6)	Sensitive power output in cooling mode	kW	0,18	0,33	0,39	0,43	0,65	0,82	0,72	1,02	1,23	0,92	1,26	1,53	1,01	1,52	1,76
(6)	Water side head loss	kPa	0,2	1,0	1,4	0,3	0,5	0,8	1,0	1,7	2,3	1,0	1,4	1,7	0,9	1,5	1,8
(7)	Total power output in heating mode	kW	0,64	0,84	1,05	1,25	1,65	2,31	1,75	2,56	3,12	2,21	3,10	4,10	3,05	3,77	4,67
(7)	Water side head loss	kPa	3,2	8,8	10,9	2,0	4,6	6,8	6,2	11,8	15,8	6,1	11,5	15,5	4,7	10,9	15,1
(8)	Total power output in heating mode	kW	0,54	0,70	0,88	1,06	1,39	1,94	1,46	2,14	2,60	1,85	2,60	3,44	2,56	3,16	3,91
(8)	Water side head loss	kPa	5,7	8,8	12,2	2,9	4,8	7,9	5,8	11,8	16,0	4,1	8,9	14,2	6,4	9,8	13,9
	Absorbed power	W	5	7	11	6	9	19	7	11	20	8	12	24	9	14	27
	Sound power Lw	dB(A)	38	45	52	39	46	53	41	47	53	42	48	54	42	48	54

The afore-mentioned performances refer to the following operational conditions:
(1) Cooling method at standard conditions: air temperature 27°C a 19°C, water temperature 7°C, water outlet temperature 12°C
(2) Cooling method in conditions of use 1 : air temperature 27°C a 19°C a air temperature, 10°C, water outlet temperature 15°C
(3) Cooling method in conditions of use 2 : air temperature 25°C d.b., 17,9°C water temperature 7°C, water outlet temperature 12°C
(4) Cooling method in conditions of use 3 : air temperature 26°C, 18°C water temperature 14°C, water outlet temperature 18°C
(5) Cooling method at standard conditions remote-cooling: air temperature 24°C a 18°C, water temperature 5,5°C, water outlet temperature 14,5°C
(6) Cooling method at standard conditions remote-cooling 1: air temperature 26°C, 18,6°C water temperature 9°C, water outlet temperature 18°C
(7) Heating method in conditions of use 1 : air temperature 20 ° C a d.b., 15 ° C a. Max, water inlet temperature 50 ° C, water flow as defined in the cooling operation
(8) Heating method at standard conditions : air temperature 20 ° C d.b., 15 ° C w.b. Max, water inlet temperature 45 ° C, water outlet temperature 40 ° C

SELECTION TABLE - SL/SLR AC MOTOR

Ref.	Model / Speed		SL 200 SLR 200 SL smart 200 SLR smart 200			SL 400 SLR 400 SL smart 400 SLR smart 400			SL 600 SLR 600 SL smart 600 SLR smart 600			SL 800 SLR 800 SL smart 800 SLR smart 800			SL 1000 SLR 1000 SL smart 1000 SLR smart 1000		
			min	med	max	min	med	max	min	med	max	min	med	max	min	med	max
(1)	Total power output in cooling mode	kW	0,37	0,71	0,81	0,91	1,34	1,73	0,91	2,09	2,53	1,97	2,67	3,27	2,16	3,24	3,77
(1)	Sensitive power output in cooling mode	kW	0,25	0,50	0,63	0,65	1,02	1,24	0,65	1,55	1,93	1,53	2,07	2,52	1,70	2,41	2,97
(1)	Water side head loss	kPa	3,8	10,6	13,1	2,4	5,5	8,2	2,4	14,2	19,0	7,3	13,8	18,7	5,7	13,1	18,2
(2)	Total power output in cooling mode	kW	0,27	0,51	0,59	0,67	0,99	1,26	1,12	1,57	1,89	1,31	1,80	2,18	1,45	2,17	2,53
(2)	Sensitive power output in cooling mode	kW	0,17	0,40	0,43	0,44	0,69	0,83	0,76	1,07	1,33	1,01	1,52	1,73	1,14	1,64	1,99
(2)	Water side head loss	kPa	0,8	6,1	8,0	0,8	2,9	4,8	3,2	7,9	11,3	1,0	4,6	7,4	0,4	5,1	7,4
(3)	Total power output in cooling mode	kW	0,33	0,57	0,65	0,66	1,05	1,40	1,24	1,71	2,09	1,45	1,98	2,44	1,54	2,44	2,84
(3)	Sensitive power output in cooling mode	kW	0,23	0,42	0,58	0,51	0,85	1,15	0,94	1,32	1,67	1,32	1,94	2,16	1,43	2,12	2,58
(3)	Water side head loss	kPa	2,2	7,5	9,5	0,8	3,4	5,8	4,5	9,5	13,5	2,0	5,7	9,4	1,0	6,9	9,4
(4)	Total power output in cooling mode	kW	0,16	0,31	0,35	0,40	0,59	0,76	0,65	0,90	1,09	0,74	0,98	1,21	0,80	1,19	1,39
(4)	Sensitive power output in cooling mode	kW	0,15	0,29	0,33	0,38	0,56	0,72	0,62	0,85	1,04	0,70	0,93	1,15	0,76	1,14	1,32
(4)	Water side head loss	kPa	0,3	1,7	2,8	0,2	0,5	1,5	0,2	1,0	3,1	0,3	0,3	0,4	0,2	0,4	1,2
(5)	Total power output in cooling mode	kW	0,23	0,44	0,51	0,58	0,85	1,08	0,96	1,35	1,63	1,15	1,58	1,91	1,27	1,90	2,21
(5)	Sensitive power output in cooling mode	kW	0,20	0,37	0,43	0,49	0,72	0,92	0,82	1,15	1,38	1,04	1,43	1,74	1,15	1,73	2,01
(5)	Water side head loss	kPa	0,4	1,8	2,4	0,4	0,9	1,3	1,6	2,7	3,4	1,3	1,8	2,3	1,1	2,1	2,6
(6)	Total power output in cooling mode	kW	0,18	0,33	0,38	0,44	0,64	0,82	0,73	1,02	1,23	0,92	1,27	1,54	1,02	1,52	1,77
(6)	Sensitive power output in cooling mode	kW	0,17	0,33	0,38	0,43	0,64	0,81	0,72	1,02	1,22	0,91	1,26	1,52	1,00	1,50	1,75
(6)	Water side head loss	kPa	0,2	1,0	1,4	0,3	0,5	0,8	1,0	1,7	2,3	1,0	1,4	1,7	0,9	1,5	1,8
(7)	Total power output in heating mode	kW	0,64	0,84	1,05	1,25	1,65	2,31	1,75	2,56	3,12	2,21	3,10	4,10	3,05	3,77	4,67
(7)	Water side head loss	kPa	3,6	9,8	12,2	2,0	4,6	6,8	6,2	11,8	15,8	6,1	11,5	15,5	4,7	10,9	15,1
(8)	Total power output in heating mode	kW	0,54	0,70	0,88	1,06	1,39	1,94	1,46	2,14	2,60	1,85	2,60	3,44	2,56	3,16	3,91
(8)	Water side head loss	kPa	5,7	8,8	12,2	2,9	4,8	7,9	5,8	11,8	16,0	4,1	8,9	14,2	6,4	9,8	13,9
	Absorbed power	W	6	10	17	9	18	28	9	21	35	17	27	38	19	30	43
	Sound power Lw	dB(A)	38	45	52	39	46	53	41	47	53	39	45	53	42	48	54

EUROVENT CERTIFIED PERFORMANCE

The afore-mentioned performances refer to the following operational conditions:
(1) Cooling method at standard conditions: air temperature 27°C a 19°C, water temperature 7°C, water outlet temperature 12°C
(2) Cooling method in conditions of use 1 : air temperature 27°C a 19°C a air temperature, 10°C, water outlet temperature 15°C
(3) Cooling method in conditions of use 2 : air temperature 25°C d.b., 17,9°C water temperature 7°C, water outlet temperature 12°C
(4) Cooling method in conditions of use 3 : air temperature 26°C, 18°C water temperature 14°C, water outlet temperature 18°C
(5) Cooling method at standard conditions remote-cooling: air temperature 24°C a 18°C, water temperature 5,5°C, water outlet temperature 14,5°C
(6) Cooling method at standard conditions remote-cooling 1: air temperature 26°C, 18,6°C water temperature 9°C, water outlet temperature 18°C
(7) Heating method in conditions of use 1 : air temperature 20 ° C a d.b., 15 ° C a. Max, water inlet temperature 50 ° C, water flow as defined in the cooling operation
(8) Heating method at standard conditions : air temperature 20 ° C d.b., 15 ° C w.b. Max, water inlet temperature 45 ° C, water outlet temperature 40 ° C

CERTIFIED PERFORMANCES

SELECTION TABLE - SLN AC MOTOR

Ref.	Model / Speed		SLN 200			SLN 400			SLN 600			SLN 800			SLN 1000		
			min	med	max	min	med	max	min	med	max	min	med	max	min	med	max
(1)	Total power output in cooling mode	kW	0,31	0,36	0,49	0,65	0,74	0,98	0,82	1,01	1,19	1,01	1,44	1,78	1,26	2,11	2,37
(1)	Sensitive power output in cooling mode	kW	0,27	0,31	0,40	0,56	0,69	0,88	0,60	0,94	1,14	0,93	1,26	1,43	1,03	1,71	2,02
(1)	Water side head loss	kPa	0,9	1,1	1,9	4,5	5,1	8,5	1,6	2,1	2,9	3,8	7,0	10,5	4,9	14,1	16,4
(2)	Total power output in cooling mode	kW	0,23	0,25	0,34	0,48	0,52	0,67	0,58	0,72	0,85	0,71	1,04	1,26	0,86	1,50	1,77
(2)	Sensitive power output in cooling mode	kW	0,19	0,21	0,27	0,41	0,48	0,6	0,43	0,67	0,79	0,65	0,89	1,01	0,70	1,21	1,44
(2)	Water side head loss	kPa	0,5	0,6	1,0	2,3	2,6	4,3	0,6	1,0	1,4	1,9	3,8	5,5	2,4	6,7	9,0
(3)	Total power output in cooling mode	kW	0,23	0,24	0,37	0,37	0,47	0,68	0,57	0,69	0,82	0,67	0,92	1,15	0,80	1,41	1,67
(3)	Sensitive power output in cooling mode	kW	0,20	0,22	0,32	0,29	0,38	0,65	0,49	0,59	0,71	0,57	0,79	1,02	0,67	1,22	1,45
(3)	Water side head loss	kPa	0,5	0,5	1,1	1,5	2,2	4,1	0,6	0,9	1,3	1,7	3,0	4,9	2,2	6,1	8,3
(4)	Total power output in cooling mode	kW	0,14	0,16	0,19	0,25	0,29	0,39	0,32	0,40	0,46	0,38	0,57	0,71	0,46	0,82	1,00
(4)	Sensitive power output in cooling mode	kW	0,13	0,14	0,18	0,24	0,27	0,36	0,30	0,38	0,45	0,36	0,54	0,67	0,43	0,78	0,94
(4)	Water side head loss	kPa	0,3	0,4	0,5	0,9	1,1	2,1	0,2	0,4	0,6	0,8	1,6	2,5	1,0	2,8	4,0
(5)	Total power output in cooling mode	kW	0,30	0,33	0,50	0,47	0,62	0,88	0,71	0,92	1,11	0,84	1,22	1,57	1,01	1,87	2,21
(5)	Sensitive power output in cooling mode	kW	0,27	0,28	0,46	0,38	0,49	0,82	0,62	0,75	0,97	0,75	0,84	1,38	0,87	1,55	1,94
(5)	Water side head loss	kPa	0,3	0,4	0,7	0,9	1,4	2,6	0,4	0,6	0,8	1,0	1,8	2,9	1,2	3,4	4,8
(6)	Total power output in cooling mode	kW	0,12	0,15	0,18	0,17	0,21	0,31	0,25	0,32	0,40	0,30	0,42	0,56	0,34	0,64	0,78
(6)	Sensitive power output in cooling mode	kW	0,08	0,10	0,13	0,10	0,14	0,22	0,17	0,21	0,27	0,20	0,28	0,38	0,22	0,43	0,53
(6)	Water side head loss	kPa	0,6	0,7	0,8	0,4	0,5	0,7	0,2	0,3	0,4	0,3	0,4	0,5	0,4	0,7	1,0
(7)	Total power output in heating mode	kW	0,55	0,69	0,86	1,01	1,25	1,55	1,46	1,79	2,16	1,76	2,30	2,85	2,02	3,0	3,74
(7)	Water side head loss	kPa	0,7	0,9	1,6	3,7	4,2	7,1	1,4	1,8	2,5	3,1	5,9	8,8	4,2	11,8	13,7
(8)	Total power output in heating mode	kW	0,48	0,6	0,75	0,87	1,09	1,35	1,27	1,56	1,89	1,53	1,99	2,47	1,75	2,49	2,97
(8)	Water side head loss	kPa	1,4	2,1	3,0	5,5	8,0	11,6	2,47	3,70	5,39	6,4	10,4	15,3	7,4	14,1	19,3
	Absorbed power	W	6	10	17	12	13	28	14	20	36	16	24	40	17	26	42
	Sound power Lw	dB(A)	38	45	53	39	46	53	41	48	54	38	48	54	39	49	55

The afore-mentioned performances refer to the following operational conditions:
(1) Cooling method at standard conditions: air temperature 27°C a 19°C, water temperature 7°C, water outlet temperature 12°C
(2) Cooling method in conditions of use 1 : air temperature 27°C a 19°C a air temperature, 10°C, water outlet temperature 15°C
(3) Cooling method in conditions of use 2 : air temperature 25°C d.b., 17,9°C water temperature 7°C, water outlet temperature 12°C
(4) Cooling method in conditions of use 3 : air temperature 26°C, 18°C water temperature 14°C, water outlet temperature 18°C
(5) Cooling method at standard conditions remote-cooling: air temperature 24°C a 18°C, water temperature 5,5°C, water outlet temperature 14,5°C
(6) Cooling method at standard conditions remote-cooling 1: air temperature 26°C, 18,6°C water temperature 9°C, water outlet temperature 18°C
(7) Heating method in conditions of use 1 : air temperature 20 ° C a d.b., 15 ° C a. Max, water inlet temperature 50 ° C, water flow as defined in the cooling operation
(8) Heating method at standard conditions : air temperature 20 ° C d.b., 15 ° C w.b. Max, water inlet temperature 45 ° C, water outlet temperature 40 ° C

SELECTION TABLE - SLW DC MOTOR

Ref.	Model / Speed		SLW 400 min	SLW 400 med	SLW 400 max	SLW 600 min	SLW 600 med	SLW 600 max	SLW 800 min	SLW 800 med	SLW 800 max
(1)	Total power output in cooling mode	kW	0,52	0,71	1,01	0,69	0,89	1,23	0,77	1,09	1,82
(1)	Sensitive power output in cooling mode	kW	0,42	0,59	0,91	0,58	0,80	1,15	0,65	0,95	1,47
(1)	Water side head loss	kPa	2,80	5,19	8,91	4,86	5,97	7,89	2,11	4,81	11
(2)	Total power output in cooling mode	kW	0,36	0,49	0,70	0,50	0,64	0,90	0,60	0,87	1,30
(2)	Sensitive power output in cooling mode	kW	0,29	0,41	0,63	0,42	0,58	0,83	0,55	0,78	1,05
(2)	Water side head loss	kPa	1,5	2,6	4,3	0,6	1,0	1,4	1,3	2,4	5,5
(3)	Total power output in cooling mode	kW	0,35	0,48	0,68	0,48	0,63	0,86	0,60	0,88	1,22
(3)	Sensitive power output in cooling mode	kW	0,29	0,41	0,63	0,38	0,52	0,75	0,52	0,73	1,06
(3)	Water side head loss	kPa	1,4	2,5	4,1	0,6	0,9	1,3	1,2	2,2	4,9
(4)	Total power output in cooling mode	kW	0,14	0,27	0,39	0,19	0,33	0,46	0,32	0,56	0,71
(4)	Sensitive power output in cooling mode	kW	0,11	0,23	0,36	0,16	0,31	0,45	0,18	0,43	0,67
(4)	Water side head loss	kPa	0,5	1,4	2,5	0,2	0,5	0,8	0,3	1,2	3,1
(5)	Total power output in cooling mode	kW	0,47	0,62	0,88	0,71	0,92	1,11	0,84	1,22	1,57
(5)	Sensitive power output in cooling mode	kW	0,38	0,49	0,82	0,62	0,75	0,97	0,75	0,84	1,38
(5)	Water side head loss	kPa	0,9	1,4	2,6	0,4	0,6	0,8	1,0	1,8	2,9
(6)	Total power output in cooling mode	kW	0,17	0,21	0,31	0,25	0,32	0,40	0,30	0,42	0,56
(6)	Sensitive power output in cooling mode	kW	0,10	0,14	0,22	0,17	0,21	0,27	0,20	0,28	0,38
(6)	Water side head loss	kPa	0,4	0,5	0,7	0,2	0,3	0,4	0,3	0,4	0,5
(7)	Total power output in heating mode	kW	0,67	0,99	1,55	0,98	1,37	2,16	1,14	1,68	2,85
(7)	Water side head loss	kPa	2,4	4,5	7,1	1,9	2,9	2,5	2,0	4,6	8,8
(8)	Total power output in heating mode	kW	0,58	0,86	1,40	0,86	1,20	1,90	0,99	1,45	2,50
(8)	Water side head loss	kPa	3,4	6,7	11,6	6,7	11,9	5,4	8,5	16,4	15,3
	Absorbed power	W	7	11	19	8	12	23	9	13	27
	Sound power Lw	dB(A)	43	49	57	43	50	58	43	50	58

EUROVENT CERTIFIED PERFORMANCE

The afore-mentioned performances refer to the following operational conditions:
(1) Cooling method at standard conditions: air temperature 27°C a 19°C, water temperature 7°C, water outlet temperature 12°C
(2) Cooling method in conditions of use 1 : air temperature 27°C a 19°C a air temperature, 10°C, water outlet temperature 15°C
(3) Cooling method in conditions of use 2 : air temperature 25°C d.b., 17,9°C water temperature 7°C, water outlet temperature 12°C
(4) Cooling method in conditions of use 3 : air temperature 26°C, 18°C water temperature 14°C, water outlet temperature 18°C
(5) Cooling method at standard conditions remote-cooling: air temperature 24°C a 18°C, water temperature 5,5°C, water outlet temperature 14,5°C
(6) Cooling method at standard conditions remote-cooling 1: air temperature 26°C, 18,6°C water temperature 9°C, water outlet temperature 18°C
(7) Heating method in conditions of use 1 : air temperature 20 ° C a d.b., 15 ° C a. Max, water inlet temperature 50 ° C, water flow as defined in the cooling operation
(8) Heating method at standard conditions : air temperature 20 ° C d.b., 15 ° C w.b. Max, water inlet temperature 45 ° C, water outlet temperature 40 ° C

UNICO

THE **U**NICO **R**ANGE

The air conditioner **without outdoor unit**, patented and designed by Olimpia Splendid in 1998.
Unico, born with 15 years of experience.

Unico is the winner of GOOD DESIGN AWARD. Founded in Chicago in 1950, GOOD DESIGN is the oldest internationally recognized competition for design excellence.

A complete range of solutions with **no architectural impact.**

MADE **I**N **I**TALY

UNICO has been made in Italy by Olimpia Splendid since 1998, a warranty or quality and experience.*

* Consolle model excluded

OLIMPIA **S**PLENDID **G**RID **T**ECHNOLOGY

The external grilles, designed by Olimpia Splendid maximize the tradeoff between air flow and coil protection, ensuring the highest heat exchange coefficient and durability. Grids are also free of mechanical and electrical devices thereby reducing the risk of faults and system malfunction to zero.

27 dB SILENT **T**ECHNOLOGY

With the latest generation sound absorbing and anti-vibration materials UNICO is a machine that ensures the lowest noise levels in its category . Noise is reduced down to 27 db.*

* AIR version

16 cm SLIM DESIGN

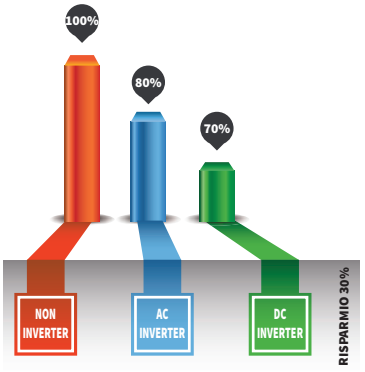
Olimpia Splendid patented technology allows to build in a single unit what is traditionally divided in two: the compressor placed outside and the fan placed in the room to be cooled.
Today all of UNICO*'s technology can be found a thickness of only 16 cm.

* Thickness refers to the AIR version.

-30% INVERTER SYSTEM

Olimpia Splendid's variable speed compressor and inverter control ensure a constant adaptation of the cooling capacity to the ambient thermal load.
Hence, up to 30%* of energy can be saved.

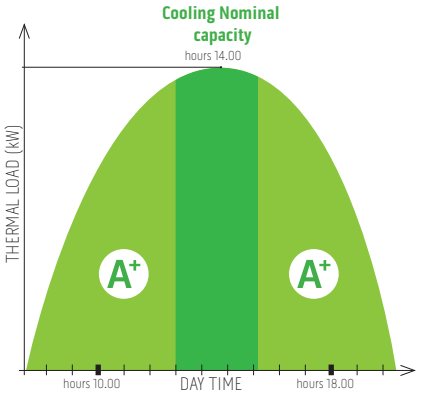
(*) Only inverter products



DUAL INVERTER MODE

The DIM technological heart is located in an innovative control algorithm to optimize the efficiency when the unit works at 70% of its ambient thermal demand The algorithm allows to satisfy the real thermal demand on the 70% of the total working hours with a reduced consumption of up to 25% of our traditional UNICO INVERTER.*

(*) only for Inverter 13 A+



x2 TWIN TECHNOLOGY

Patented technology that makes double room air conditioning possible without outdoor unit. You can use the two units (Master and Wall) together or separate, both in heating and cooling.

(*) only for Unico Twin and Unico Boiler units.

THE **U**NICO **R**ANGE

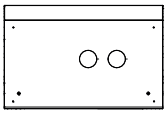
	AC motor		DC motor	
MONO	**UNICO AIR** pag. 114  	**UNICO SMART e UNICO R** pag. 126-128  	**UNICO AIR INVERTER** pag. 116  	**UNICO INVERTER - UNICO A+** pag. 122-124 
RECESSED	**UNICO AIR** pag. 118  		**UNICO AIR INVERTER** pag. 120  	
CONSOLLE	**UNICO EASY** pag. 130  			
MULTI	**UNICO TWIN** pag. 132 	**UNICO BOILER** pag. 134 		

INSTALLATION NOTE

By maintaining the same center to center distance of inlet and outlet holes, every model in the Unico range can easily substitute previously installed ones.

ACCESSORIES

OLIMPIA SPLENDID
HOME OF COMFORT

	CODE	DESCRIPTION
	B1015	**KIT UNICO Wi-Fi** Additional kit compatible on the entire Unico range (see compatibility table)
	B1014	**SERIAL INTERFACE FOR UNICO** Interface for receiving wireless commands (desired temperature, fan speed, air flap operation and air circulation operation) or by contact (cooling or heating mode operation, fan speed). Presence contact input or Sleep mode. Alarm output in case of malfunction. Compatible with all models (excluding Unico Twin, Boiler, Easy SF).
	B1012	**WIRELESS WALL CONTROL FOR UNICO** Wall controller with battery power, for sending wireless commands (desired temperature, fan speed, air deflector function.) Compatible with all models (excluding Unico Twin, Boiler, Easy SF).
	B0776	**CLOSING PANEL FOR RECESSED STRUCTURE** Designed to completely camouflage the product in the building's architecture, only compatible with UNICO AIR models.
	B0775	**RECESSED FORMWORK KIT** Provided for quick installation and already prepared with holes for the product's installation, only compatible with UNICO AIR models.
	B0565	**INSTALLATION KIT FOR 200mm HOLES** Installation kit for Unico (installation template 1: 1 scale, support bracket, universal PP sheets, internal torque flanges Ø 200 mm, pair of external folding grid Ø 200 mm, torque caps). (Not compatible with Unico Easy)
	B0564	**INSTALLATION KIT** internal torque flanges Ø 160 mm, pair of external folding grid Ø 160 mm, torque caps
	B0620	**HEATING CABLE UNICO KIT** Heating cable, prevents the formation of ice in the condensation dispersal basin.
	B0753	**200 mm RAIN COVER KIT** Rain cover kit to be installed on the outside wall to protect the holes (for installations in extreme weather conditions). Designed for ø 200 mm grid.

WI-FI UNICO® NEW

KIT UNICO WI-FI

CLOUD

Wi Fi Ready

Bluetooth

KIT UNICO WI-FI	
Code	B1015

Additional kit compatible on the entire Unico range (see compatibility table)

EASY INSTALLATION
First installation facilitated via Bluetooth connection; this allows to save time and makes installation independent from the Wi-Fi.

DUAL MANAGEMENT
Possibility of managing the terminal in both bluetooth mode and in Wi-Fi mode.
Bluetooth is recommended especially for the homes where there is no Wi-Fi network. (second homes for example).

CLOUD
Remote connection (away from home) via Cloud (3G or 4G smartphone network). The connection with Cloud does not require configuration of the router.

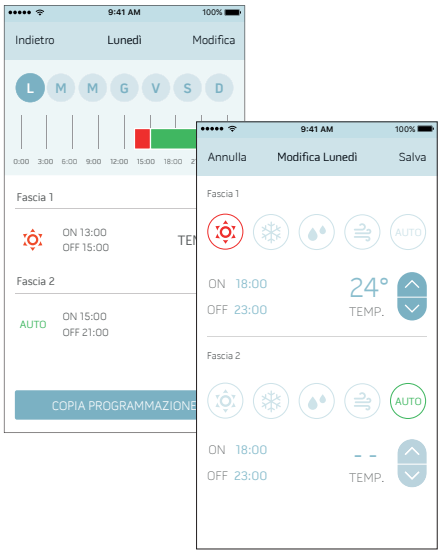
DOWNLOAD OUR APP

OLIMPIA SPLENDID UNICO

The new Olimpia Splendid application to control and set your Unico locally or in remote mode.
Available for Download on Apple Store and Google Play

Available on the iPhone App Store

ANDROID APP ON Google play

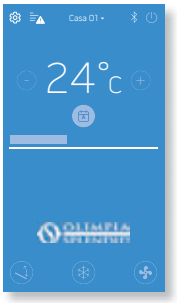


FEATURES

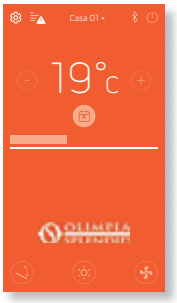
KIT UNICO WIFI (B1015):
- Simple installation, to be performed only by qualified staff

APP UNICO WIFI:
- Available for iPhone, iPad, iPod with IOS 9.0 Operating System or later versions
- Available for Android smartphones with Android 4.4 Operating System or later versions
- Possibility of managing air conditioners via Wi-Fi and bluetooth
- Management of air conditions also when away from home
- Free access to the app without any identification needed
- The password associated to the specific kit is required to add the air conditioner to the app.
- Association of the air conditioner to the app via Bluetooth connection
- All modes can be set: Heating, Cooling, Dehumidification, ventilation only, automatic
- "Special" functions can be set: Vertical swing
- Environment temperature display
- Weekly timer with 2 time periods. Programming with different time, method and set point for each period for every day
- Machine alarms display on the home-page of the individual air conditioner and recording in the log
- Available in Italian, English, French, Spanish and German

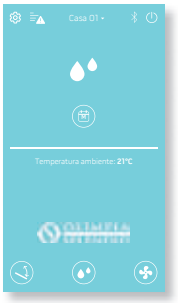
Special functions:
- Verification of the strength of the Wi-Fi signal detected by the board
- Service: for display/modification of the machine variables and parameters
- Guide: direct access to Help in language set
- Presence contact management: air conditioner disabled if the contact is opened and re-enabled on closure.
- The air conditioners installed are linked to the individual app on the telephone: if the telephone is changed, all the air conditioners must be re-installed



Air conditioning Function

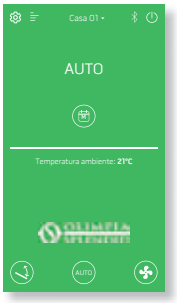


Heating Function



Dehumidification Function

Ventilation Only Function



Automatic Function

MODELS COMPATIBILITY TABLE

	KIT UNICO WI-FI
Unico Smart 10 SF/HP	x
Unico Smart 12 SF/HP	x
Unico Inverter 9 SF/HP	x
Unico Inverter 12 SF/HP	x
Unico Air 8 SF/HP	x
Unico Air Inverter 8 SF/HP	x
Unico Air Inverter 10 HP	x
Unico Inverter 13A+ HP	x

	KIT UNICO WI-FI
Unico Air recessed 8 SF/HP	x
Unico Air Inverter recessed 8 SF/HP	x
Unico Air Inverter recessed 10 HP	x
Unico Easy	-
Unico Twin	-
Unico Boiler	-
Unico R	x

UNICO® AIR

The thinnest and quietest air-conditioner **without outdoor unit** ever.

UNICO AIR 8 SF Cod. 01503
UNICO AIR 8 HP Cod. 01504

Unico Air is the winner of GOOD DESIGN AWARD. Founded in Chicago in 1950, GOOD DESIGN is the oldest internationally recognized competition for design excellence.

Design by Sara Ferrari

FEATURES

Capacity: 1.8 kW
Available in versions: SF (Cooling only) - HP (Heat Pump)
Double Class A
Refrigerant gas R410A**
Installation versatility: top or bottom wall
Easy installation: Unico can be installed from the inside in a few minutes
Wireless wall control (Optional)
Large flap for homogeneous air diffusion in the room
Multifunction remote control
24 hour Timer

FUNCTIONS

- **Fan only mode**
- **Dehumidification only mode**
- **Auto mode:** changes parameters depending on ambient temperature.
- **Sleep mode:** gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.

REDUCED GRIDS Ø 16 CM

SILENT SYSTEM

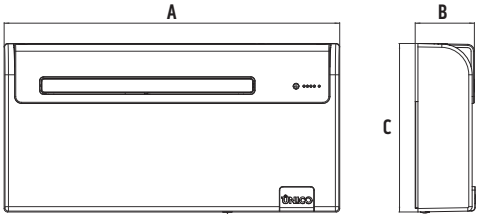
Up to 10% quieter at minimum speed. Sound pressure only 27 dB (A)*

SLIM DESIGN

All Unico's technology in just 16 cm thickness.

PURE SYSTEM 2

A multi filtering system that combines an electrostatic filter(which eliminates small particles such as smoke, dust, pollen and pet hair, helping to prevent allergic reactions) with an activated carbon filter (which eliminates bad odors and inactivates any harmful gas).



	UNICO AIR			
	A	B	C	Weight kg
mm	978	164	491	37

HEAT PUMP

Heat pump air conditioner. Thanks to this feature you can replace traditional heating in intermediate seasons or support it.

* Measurement in semi anechoic chamber at a distance of 2m away fan only
** Hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

			UNICO AIR 8 SF	UNICO AIR 8 HP
Product code			01503	01504
Nominal cooling capacity (1)	P rated	kW	1,8	1,8
Cooling power (min/max) (1)		kW	-	-
Nominal heating capacity (1)	P rated	kW	-	1,7
Heating power (min/max) (1)		kW	-	-
Nominal power consumption for cooling (1)	PEER	kW	0,7	0,7
Power consumption for cooling (min/max) (1)		kW	-	-
Nominal absorption for cooling (1)		A	3,1	3,1
Absorption for cooling (min/max) (1)		A	-	-
Nominal power consumption for heating (1)	PCOP	kW	-	0,5
Power consumption for heating (min/max) (1)		kW	-	-
Nominal absorption for heating (1)		A	-	2,5
Absorption for heating (min/max) (1)		A	-	-
Nominal energy efficiency index (1)	EERd		2,6	2,6
Nominal efficiency coefficient (1)	COPd		-	3,1
Energy efficiency class in cooling (1)			A	A
Energy efficiency class in heating (1)			-	A
Energy consumption in "thermostat off" mode	PTO		14,0	14,0
Energy consumption in "standby" mode (EN 62301)	PSB		0,5	0,5
Energy consumption for double pipe appliances (1) cooling	QDD	kWh/h	0,7	0,7
Energy consumption for double pipe appliances (1) heating	QDD	kWh/h	-	0,5
Supply voltage		V-F-Hz	230-1-50	230-1-50
Supply voltage minimum/maximum		V	198 / 264	198 / 264
Maximum power consumption in cooling mode (1)		W	-	670
Maximum absorption in cooling mode (1)		A	-	3,10
Maximum power consumption in heating mode (1)		W	670	770
Maximum absorption in heating mode (1)		A	3,10	3,10
Maximum power consumption with electric resistance heating		W	-	-
Maximum absorption with electric resistance heating		A	-	-
Dehumidification capacity		l/h	0,6	0,6
Air flow rate in cooling environment (max/med/min)		m³/h	215/180/150	215/180/150
Air flow rate in heating environment (max/med/min)		m³/h	-	215/180/150
Air flow rate with electric resistance heating environment		m³/h	-	-
External air flow rate in cooling (max/min)		m³/h	380	380
External air flow rate in heating (max/min)		m³/h	-	380
Internal ventilation speed			3	3
External ventilation speed			1	1
Diameter wall holes		mm	162	162
Electric resistance heating			-	-
Maximum range remote control (distance / angle)		m / °	8 / ±80°	8 / ±80°
Dimensions (Larg. x Alt. x Prof.) (without packaging)		mm	978 x 491 x 164	978 x 491 x 164
Dimensions (Larg. x Alt. x Prof.) (with packaging)		mm	1060 x 595 x 250	1060 x 595 x 250
Weight (without packaging)		Kg	37	37
Weight (with packaging)		Kg	41	41
Internal sound pressure (Min Max) (2)		dB(A)	27-38	27-38
Internal sound power level (EN 12102)	LWA	dB(A)	53	53
Degree of protection provided by covers			IP 20	IP 20
Refrigerant gas*		Type	R410A	R410A
Global warming potential	GWP	kgCO2 eq.	2088	2088
Refrigerant gas charge		kg	0,48	0,48
Maximum operating pressure		MPa	3,70	3,70
Power cable (N° pole x section mm²)			3 x 1,5	3 x 1,5

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	**Maximum temperature in cooling**	DB 35°C - WB 24°C
	Minimum temperature in cooling	DB 18°C
	Maximum temperature in heating	DB 27°C
	Minimum temperature in heating	-
Outdoor Ambient Temperature	**Maximum temperature in cooling**	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB -10°C
	Maximum temperature in heating	DB 24°C - WB 18°C
	Minimum temperature in heating	DB -15°C

(1) TEST CONDITIONS: data refers to regulation EN14511
(2): Data test declaration in semianechoic room at a distance of 2m, minimum sound pressure with ventilation only.
- By maintaining the same center to center distance of inlet and outlet holes and the possibility of installation with 162 mm diameter holes, models in the Unico Smart, Unico Inverter and Unico Act range may easily substitute previously installed Unico Star and Unico Sky models.
* hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

UNICO® AIR inverter

The **thinnest** and **quietest** air-conditioner whitout outdoor unit. Today, **inverter**.

UNICO AIR INVERTER 8 SF Cod. 01601
UNICO AIR INVERTER 8 HP Cod. 01600
UNICO AIR INVERTER 10 HP Cod. 01802

GOOD DESIGN

Unico AIR Inverter® is the winner of GOOD DESIGN AWARD 2016. Founded in Chicago in 1950, GOOD DESIGN is the oldest internationally recognized competition for design excellence.

Design by Sara Ferrari

FEATURES

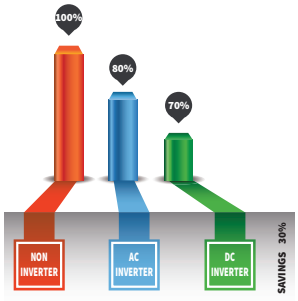
Capacity: 1.8 kW
Available in versions: SF (Cooling only) - HP (Heat Pump)
Double class A
Refrigerant gas R410A**
Installation versatility: top or bottom wall
Easy installation: Unico can be installed from the inside in a few minutes
Wireless wall control (Optional)
Large flap for homogeneous air diffusion in the room
Multifunction remote control
24 hour Timer

FUNCTIONS

- **Economy mode:** allows energy saving by automatically optimizing the machine's performance
- **Fan only mode**
- **Dehumidification only mode**
- **Auto mode:** changes parameters depending on ambient temperature.
- **Sleep mode:** gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.

REDUCED GRIDS Ø 16 CM

OLIMPIA SPLENDID'S INVERTER SYSTEM



SILENT SYSTEM

Up to 10% quieter at minimum speed. Sound pressure only 27 dB (A)*

SLIM DESIGN

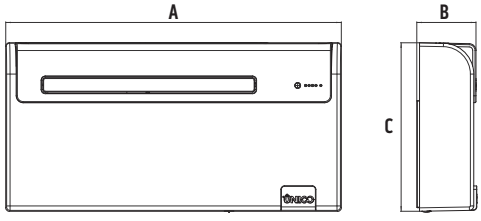
All Unico technology in just 16 cm thickness.

HEAT PUMP

Heat pump air conditioner. Thanks to this feature you can replace traditional heating in intermediate seasons or support it.

PURE SYSTEM 2

A multi filtering system that combines an electrostatic filter (which eliminates small particles such as smoke, dust, pollen and pet hair, helping to prevent allergic reactions) with an activated carbon filter (which eliminates bad odors and inactivates any harmful gas).



	UNICO AIR INVERTER			
	A	B	C	Weight kg
mm	978	160	491	37

* Measurement in semi anechoic chamber at a distance of 2m away fan only
** Hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

NEW

			UNICO AIR INVERTER 8 SF	UNICO AIR INVERTER 8 HP	UNICO AIR INVERTER 10 HP
Product code			01601	01600	01802
Nominal cooling capacity (1)	P rated	kW	1,8	1,8	2,3
Cooling power (min/max) (1)		kW	0,9/2,3	0,9/2,3	1,2/2,3
Nominal heating capacity (1)	P rated	kW	-	1,7	2,0
Heating power (min/max) (1)		kW	-	0,9/2,3	1,1/2,0
Nominal power consumption for cooling (1)	PEER	kW	0,7	0,7	0,9
Power consumption for cooling (min/max) (1)		kW	0,4/0,7	0,4/0,7	0,4/0,9
Nominal absorption for cooling (1)		A	3,1	3,1	3,9
Absorption for cooling (min/max) (1)		A	1,8/4,1	1,8/4,1	1,8/4,1
Nominal power consumption for heating (1)	PCOP	kW	-	0,5	0,6
Power consumption for heating (min/max) (1)		kW	0,3/0,7	0,3/0,7	0,3/0,8
Nominal absorption for heating (1)		A	-	2,5	2,9
Absorption for heating (min/max) (1)		A	1,5/3,6	1,5/3,6	1,5/3,6
Nominal energy efficiency index (1)	EERd		2,6	2,6	2,6
Nominal efficiency coefficient (1)	COPd		-	3,1	3,1
Energy efficiency class in cooling (1)			A	A	A
Energy efficiency class in heating (1)			-	A	A
Energy consumption in "thermostat off" mode	PTO		12,0	12,0	12,0
Energy consumption in "standby" mode (EN 62301)	PSB		0,5	0,5	0,5
Energy consumption for double pipe appliances (1) cooling	QDD	kWh/h	0,7	0,7	0,9
Energy consumption for double pipe appliances (1) heating	QDD	kWh/h	-	0,5	0,6
Supply voltage		V-F-Hz	230-1-50	230-1-50	230-1-50
Supply voltage minimum/maximum		V	198 / 264	198 / 264	198 / 264
Maximum power consumption in cooling mode (1)		W	-	670	850
Maximum absorption in cooling mode (1)		A	-	3,10	4,10
Maximum power consumption in heating mode (1)		W	720	720	790
Maximum absorption in heating mode (1)		A	-	3,65	3,65
Maximum power consumption with electric resistance heating		W	-	-	-
Maximum absorption with electric resistance heating		A	-	-	-
Dehumidification capacity		l/h	0,6	0,6	0,8
Air flow rate in cooling environment (max/med/min)		m³/h	235/180/150	235/180/150	235/180/150
Air flow rate in heating environment (max/med/min)		m³/h	-	235/180/150	190/170/150
Air flow rate with electric resistance heating environment		m³/h	-	-	-
External air flow rate in cooling (max/min)		m³/h	380 / 190	380 / 190	380 / 190
External air flow rate in heating (max/min)		m³/h	-	380 / 190	380 / 190
Internal ventilation speed			3	3	3
External ventilation speed			2	2	2
Diameter wall holes		mm	162	162	162
Electric resistance heating			-	-	-
Maximum range remote control (distance / angle)		m / °	8 / ±80°	8 / ±80°	8 / ±80°
Dimensions (Larg. x Alt. x Prof.) (without packaging)		mm	978 x 491 x 164	978 x 491 x 164	978 x 500 x 164
Dimensions (Larg. x Alt. x Prof.) (with packaging)		mm	1060 x 595 x 250	1060 x 595 x 250	1060 x 595 x 250
Weight (without packaging)		Kg	37	37	39
Weight (with packaging)		Kg	41	41	43
Internal sound pressure (Min Max) (2)		dB(A)	27-38	27-38	27-38
Internal sound power level (EN 12102)	LWA	dB(A)	53	53	54
Degree of protection provided by covers			IP 20	IP 20	IP20
Refrigerant gas*		Type	R410A	R410A	R410A
Global warming potential	GWP	kgCO2 eq.	2088	2088	2088
Refrigerant gas charge		kg	0,37	0,37	0,36
Maximum operating pressure		MPa	4,20	4,20	4,20
Power cable (N° pole x section mm²)			3 x 1,5	3 x 1,5	3 x 1,5

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	Maximum temperature in cooling	DB 35°C - WB 24°C
	Minimum temperature in cooling	DB 18°C
	Maximum temperature in heating	DB 27°C
	Minimum temperature in heating	-
Outdoor Ambient Temperature	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB -10°C
	Maximum temperature in heating	DB 24°C - WB 18°C
	Minimum temperature in heating	DB -15°C

(1) TEST CONDITIONS: data refers to regulation EN14511
(2): Data test declaration in semianechoic room at a distance of 2m, minimum sound pressure with ventilation only.
- By maintaining the same center to center distance of inlet and outlet holes and the possibility of installation with 162 mm diameter holes, models in the Unico Smart, Unico Inverter and Unico Act range may easily substitute previously installed Unico Star and Unico Sky models.
* hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

UNICO® AIR recessed

The recessed air-conditioner **without outdoor unit**.

UNICO AIR 8 SF	Cod. 01503
UNICO AIR 8 HP	Cod. 01504
RECESSED PANEL	Cod. B0776
FORMWORK KIT FOR RECESSED	Cod. B0775

Design by Sara Ferrari

FEATURES

Capacity: 1,8 kW
Available in versions: SF (Cooling only) - HP (Heat Pump)
Double class A
Refrigerant gas R410A**
Installation versatility: top or bottom wall
Easy installation: Unico can be installed from the inside in a few minutes
Wireless wall control (Optional)
Large flap for homogeneous air diffusion in the room
Multifunction remote control
24 hour Timer

FUNCTIONS

- **Fan only mode**
- **Dehumidification only mode**
- **Auto mode:** changes parameters depending on ambient temperature.
- **Sleep mode:** gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.

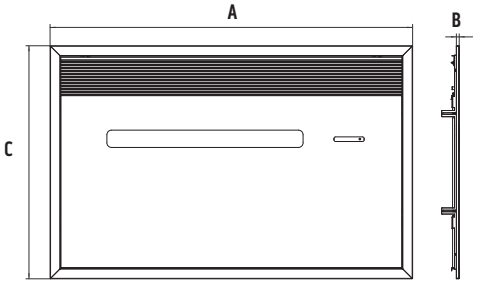
REDUCED GRIDS **Ø 16 CM**

SILENT SYSTEM
Up to 10% quieter at minimum speed. Sound pressure only 27 dB (A)*

HEAT PUMP
Heat pump air conditioner. Thanks to this feature you can replace traditional heating in intermediate seasons or support it.

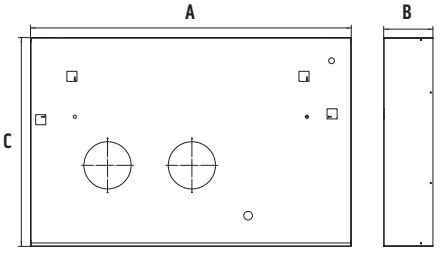
PURE SYSTEM 2
A multi filtering system that combines an electrostatic filter(which eliminates small particles such as smoke, dust, pollen and pet hair, helping to prevent allergic reactions) with an activated carbon filter (which eliminates bad odors and inactivates any harmful gas).

SLIM DESIGN
All Unico's technology in just 16 cm inside thickness and just 9mm thickness of the outside frame.



RECESSED PANEL	A	B	C
mm	1173	9	754

FORMWORK RECESSED	A	B	C
mm	1114	171	725



* Measurement in semi anechoic chamber at a distance of 2m away fan only
** Hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

			UNICO AIR 8 SF	UNICO AIR 8 HP
Product code			01503	01504
Nominal cooling capacity (1)	P rated	kW	1,8	1,8
Cooling power (min/max) (1)		kW	-	-
Nominal heating capacity (1)	P rated	kW	-	1,7
Heating power (min/max) (1)		kW	-	-
Nominal power consumption for cooling (1)	PEER	kW	0,7	0,7
Power consumption for cooling (min/max) (1)		kW	-	-
Nominal absorption for cooling (1)		A	3,1	3,1
Absorption for cooling (min/max) (1)		A	-	-
Nominal power consumption for heating (1)	PCOP	kW	-	0,5
Power consumption for heating (min/max) (1)		kW	-	-
Nominal absorption for heating (1)		A	-	2,5
Absorption for heating (min/max) (1)		A	-	-
Nominal energy efficiency index (1)	EERd		2,6	2,6
Nominal efficiency coefficient (1)	COPd		-	3,1
Energy efficiency class in cooling (1)			A	A
Energy efficiency class in heating (1)			-	A
Energy consumption in "thermostat off" mode	PTO		14,0	14,0-
Energy consumption in "standby" mode (EN 62301)	PSB		0,5	0,5
Energy consumption for double pipe appliances (1) cooling	QDD	kWh/h	0,7	0,7
Energy consumption for double pipe appliances (1) heating	QDD	kWh/h	-	0,5
Supply voltage		V-F-Hz	230-1-50	230-1-50
Supply voltage minimum/maximum		V	198 / 264	198 / 264
Maximum power consumption in cooling mode (1)		W	-	670
Maximum absorption in cooling mode (1)		A	-	3,10
Maximum power consumption in heating mode (1)		W	670	770
Maximum absorption in heating mode (1)		A	3,10	3,10
Maximum power consumption with electric resistance heating		W	-	-
Maximum absorption with electric resistance heating		A	-	-
Dehumidification capacity		l/h	0,6	0,6
Air flow rate in cooling environment (max/med/min)		m³/h	215/180/150	215/180/150
Air flow rate in heating environment (max/med/min)		m³/h	-	215/180/150
Air flow rate with electric resistance heating environment		m³/h	-	-
External air flow rate in cooling		m³/h	380	380
External air flow rate in heating		m³/h	-	380
Internal ventilation speed			3	3
External ventilation speed			1	1
Diameter wall holes		mm	162	162
Electric resistance heating			-	-
Maximum range remote control (distance / angle)		m / °	8 / ±80°	8 / ±80°
Dimensions (Larg. x Alt. x Prof.) (without packaging)		mm	978 x 491 x 164	978 x 491 x 164
Dimensions (Larg. x Alt. x Prof.) (with packaging)		mm	1060 x 595 x 250	1060 x 595 x 250
Weight (without packaging)		Kg	37	37
Weight (with packaging)		Kg	41	41
Internal sound pressure (Min Max) (2)		dB(A)	27-38	27-38
Internal sound power level (EN 12102)	LWA	dB(A)	53	53
Degree of protection provided by covers			IP 20	IP 20
Refrigerant gas*		Type	R410A	R410A
Global warming potential	GWP	kgCO2 eq.	2088	2088
Refrigerant gas charge		kg	0,48	0,48
Maximum operating pressure		MPa	3,70	3,70
Power cable (N° pole x section mm²)			3 x 1,5	3 x 1,5

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	**Maximum temperature in cooling**	DB 35°C - WB 24°C
	Minimum temperature in cooling	DB 18°C
	Maximum temperature in heating	DB 27°C
	Minimum temperature in heating	-
Outdoor Ambient Temperature	**Maximum temperature in cooling**	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB -10°C
	Maximum temperature in heating	DB 24°C - WB 18°C
	Minimum temperature in heating	DB -15°C

(1) TEST CONDITIONS: data refers to regulation EN14511
(2): Data test declaration in semianechoic room at a distance of 2m, minimum sound pressure with ventilation only.
- By maintaining the same center to center distance of inlet and outlet holes and the possibility of installation with 162 mm diameter holes, models in the Unico Smart, Unico Inverter and Unico Act range may easily substitute previously installed Unico Star and Unico Sky models.
* hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

UNICO® AIR **inverter** recessed

The recessed air-conditioner **without outdoor unit**.
Today, inverter.

UNICO AIR INVERTER 8 SF	Cod. 01601
UNICO AIR INVERTER 8 HP	Cod. 01600
UNICO AIR INVERTER 10 HP	Cod. 01802
RECESSED PANEL	Cod. B0776
FORMWORK KIT FOR RECESSED	Cod. B0775

Design by Sara Ferrari

REDUCED GRIDS **Ø 16 CM**

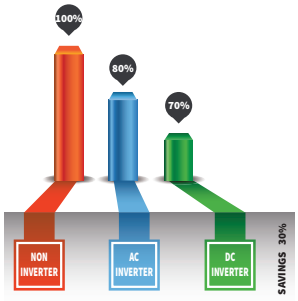
FEATURES

Capacity: 1,8 kW
Available in versions: SF (Cooling only) - HP (Heat Pump)
Double class A
Refrigerant gas R410A**
Installation versatility: top or bottom wall
Easy installation: Unico can be installed from the inside in a few minutes
Wireless wall control (Optional)
Large flap for homogeneous air diffusion in the room
Multifunction remote control
24 hour Timer

FUNCTIONS

- **Economy mode:** allows energy saving by automatically optimizing the machine's performance
- **Fan only mode**
- **Dehumidification only mode**
- **Auto mode:** changes parameters depending on ambient temperature.
- **Sleep mode:** gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.

OLIMPIA SPLENDID'S INVERTER SYSTEM



HEAT PUMP

Heat pump air conditioner. Thanks to this feature you can replace traditional heating in intermediate seasons or support it.

SILENT SYSTEM

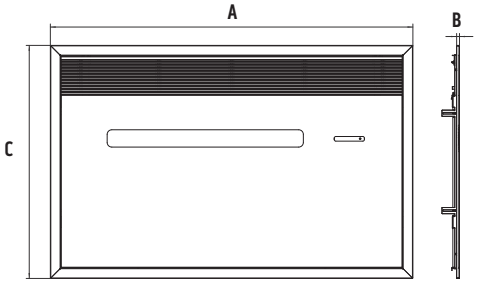
Up to 10% quieter at minimum speed. Sound pressure only 27 dB (A)*

PURE SYSTEM 2

A multi filtering system that combines an electrostatic filter(which eliminates small particles such as smoke, dust, pollen and pet hair, helping to prevent allergic reactions) with an activated carbon filter (which eliminates bad odors and inactivates any harmful gas).

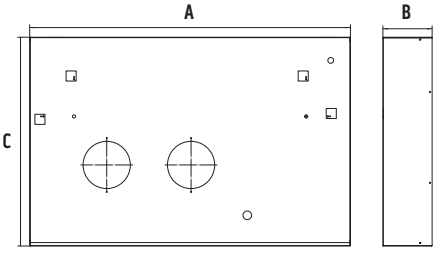
SLIM DESIGN

All Unico's technology in just 16 cm inside thickness and just 9mm thickness of the outside frame.



RECESSED PANEL			
	A	B	C
mm	1173	9	754

FORMWORK RECESSED			
	A	B	C
mm	1114	171	725



* Measurement in semi anechoic chamber at a distance of 2m away fan only
** Hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

NEW

			UNICO AIR INVERTER 8 SF	UNICO AIR INVERTER 8 HP	UNICO AIR INVERTER 10 HP
Product code			01601	01600	01802
Nominal cooling capacity (1)	P rated	kW	1,8	1,8	2,3
Cooling power (min/max) (1)		kW	0,9 / 2,3	0,9 / 2,3	1,2/2,3
Nominal heating capacity (1)	P rated	kW	-	1,7	2,0
Heating power (min/max) (1)		kW	-	0,9 / 2,3	1,1/2,0
Nominal power consumption for cooling (1)	PEER	kW	0,7	0,7	0,9
Power consumption for cooling (min/max) (1)		kW	0,4/0,7	0,4/0,7	0,4/0,9
Nominal absorption for cooling (1)		A	3,1	3,1	3,9
Absorption for cooling (min/max) (1)		A	1,8/4,1	1,8/4,1	1,8/4,1
Nominal power consumption for heating (1)	PCOP	kW	-	0,5	0,6
Power consumption for heating (min/max) (1)		kW	0,3/0,7	0,3/0,7	0,3/0,8
Nominal absorption for heating (1)		A	-	2,5	2,9
Absorption for heating (min/max) (1)		A	1,5/3,6	1,5/3,6	1,5/3,6
Nominal energy efficiency index (1)	EERd		2,6	2,6	2,6
Nominal efficiency coefficient (1)	COPd		-	3,1	3,1
Energy efficiency class in cooling (1)			A	A	A
Energy efficiency class in heating (1)			-	A	A
Energy consumption in "thermostat off" mode	PTO		12,0	12,0	12,0
Energy consumption in "standby" mode (EN 62301)	PSB		0,5	0,5	0,5
Energy consumption for double pipe appliances (1) cooling	QDD	kWh/h	0,7	0,7	0,9
Energy consumption for double pipe appliances (1) heating	QDD	kWh/h	-	0,5	0,6
Supply voltage		V-F-Hz	230-1-50	230-1-50	230-1-50
Supply voltage minimum/maximum		V	198 / 264	198 / 264	198 / 264
Maximum power consumption in cooling mode (1)		W	-	670	850
Maximum absorption in cooling mode (1)		A	-	3,10	4,10
Maximum power consumption in heating mode (1)		W	670	770	790
Maximum absorption in heating mode (1)		A	3,10	3,10	3,65
Maximum power consumption with electric resistance heating		W	-	-	-
Maximum absorption with electric resistance heating		A	-	-	-
Dehumidification capacity		l/h	0,6	0,6	0,8
Air flow rate in cooling environment (max/med/min)		m³/h	235/180/150	235/180/150	235/180/150
Air flow rate in heating environment (max/med/min)		m³/h	-	235/180/150	190/170/150
Air flow rate with electric resistance heating environment		m³/h	-	-	-
External air flow rate in cooling (max/min)		m³/h	380	380	380 / 190
External air flow rate in heating (max/min)		m³/h	-	380	380 / 190
Internal ventilation speed			3	3	3
External ventilation speed			1	1	2
Diameter wall holes		mm	162	162	162
Electric resistance heating			-	-	-
Maximum range remote control (distance / angle)		m / °	8 / ±80°	8 / ±80°	8 / ±80°
Dimensions (Larg. x Alt. x Prof.) (without packaging)		mm	978 x 491 x 164	978 x 491 x 164	978 x 500 x 164
Dimensions (Larg. x Alt. x Prof.) (with packaging)		mm	1060 x 595 x 250	1060 x 595 x 250	1060 x 595 x 250
Weight (without packaging)		Kg	37	37	39
Weight (with packaging)		Kg	41	41	43
Internal sound pressure (Min Max) (2)		dB(A)	27-38	27-38	27-38
Internal sound power level (EN 12102)	LWA	dB(A)	53	53	54
Degree of protection provided by covers			IP 20	IP 20	IP20
Refrigerant gas*		Type	R410A	R410A	R410A
Global warming potential	GWP	kgCO2 eq.	2088	2088	2088
Refrigerant gas charge		kg	0,48	0,48	0,36
Maximum operating pressure		MPa	3,70	3,70	4,20
Power cable (N° pole x section mm²)			3 x 1,5	3 x 1,5	3 x 1,5

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	Maximum temperature in cooling	DB 35°C - WB 24°C
	Minimum temperature in cooling	DB 18°C
	Maximum temperature in heating	DB 27°C
	Minimum temperature in heating	-
Outdoor Ambient Temperature	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB -10°C
	Maximum temperature in heating	DB 24°C - WB 18°C
	Minimum temperature in heating	DB -15°C

(1) TEST CONDITIONS: data refers to regulation EN14511
(2): Data test declaration in semianechoic room at a distance of 2m, minimum sound pressure with ventilation only.
- By maintaining the same center to center distance of inlet and outlet holes and the possibility of installation with 162 mm diameter holes, models in the Unico Smart, Unico Inverter and Unico Act range may easily substitute previously installed Unico Star and Unico Sky models.
* hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

UNICO® inverter

The first air-conditioner without outdoor unit
with **inverter technology**.

UNICO INVERTER 9 SF	Cod. 01068
UNICO INVERTER 9 HP	Cod. 01060
UNICO INVERTER 12 SF	Cod. 01067
UNICO INVERTER 12 HP	Cod. 01052

Design by King e Miranda

FEATURES

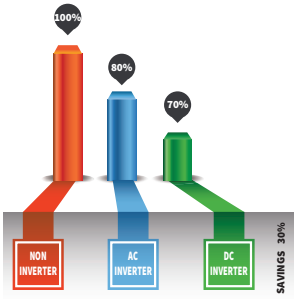
Two capacity versions: 2.3 kW – 2.7 kW
Available in versions: SF (Cooling only) - HP (Heat Pump)
Double class A
Refrigerant gas R410A*
Installation versatility: top or bottom wall
Easy installation: Unico can be installed from the inside in a few minutes
Wireless wall control (Optional)
Large flap for homogeneous air diffusion in the room
Multifunction remote control
24 hour Timer

FUNCTIONS

- **Economy mode:** allows energy saving by automatically optimizing the machine's performance
- **Fan only mode**
- **Dehumidification only mode**
- **Auto mode:** changes parameters depending on ambient temperature.
- **Sleep mode:** gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.

INVERTER SYSTEM

Thanks to inverter technology, Unico saves up to 30% of energy as compared with motors with traditional technology.

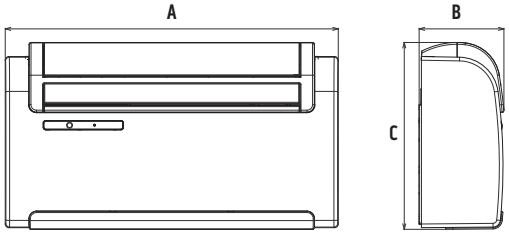


HEAT PUMP

Heat pump air conditioner. Thanks to this feature you can replace traditional heating in intermediate seasons or support it.

PURE SYSTEM 2

A multi filtering system that combines an electrostatic filter(which eliminates small particles such as smoke, dust, pollen and pet hair, helping to prevent allergic reactions) with an activated carbon filter (which eliminates bad odors and inactivates any harmful gas).



	UNICO INVERTER			
	A	B	C	Weight kg
mm	902	230	506	39

* Hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

			UNICO INVERTER 9 SF	UNICO INVERTER 12 SF	UNICO INVERTER 9 HP	UNICO INVERTER 12 HP
Product code			01068	01067	01060	01052
Nominal cooling capacity (1)	P rated	kW	2,3	2,7	2,3	2,7
Cooling power (min/max) (1)		kW	1,4 / 2,7	1,8 / 3,1	1,4 / 2,7	1,8 / 3,1
Nominal heating capacity (1)	P rated	kW	-	-	2,4	2,7
Heating power (min/max) (1)		kW	-	-	1,4 / 2,7	1,8 / 3,0
Nominal power consumption for cooling (1)	PEER	kW	0,9	1,0	0,9	1,0
Power consumption for cooling (min/max) (1)		kW	0,46 / 1,30	0,58 / 1,40	0,46 / 1,30	0,58 / 1,40
Nominal absorption for cooling (1)		A	3,9	4,6	3,9	4,6
Absorption for cooling (min/max) (1)		A	2,1 / 5,8	2,7 / 6,4	2,1 / 5,8	2,7 / 6,4
Nominal power consumption for heating (1)	PCOP	kW	-	-	0,8	0,8
Power consumption for heating (min/max) (1)		kW	-	-	0,42 / 1,20	0,53 / 1,30
Nominal absorption for heating (1)		A	-	-	3,4	3,8
Absorption for heating (min/max) (1)		A	-	-	1,9 / 5,3	2,4 / 5,9
Nominal energy efficiency index (1)	EERd		2,7	2,7	2,7	2,7
Nominal efficiency coefficient (1)	COPd		-	-	3,2	3,2
Energy efficiency class in cooling (1)			A	A	A	A
Energy efficiency class in heating (1)			-	-	A	A
Energy consumption in "thermostat off" mode	PTO		12,0	12,0	12,0	12,0
Energy consumption in "standby" mode (EN 62301)	PSB		0,5	0,5	0,5	0,5
Energy consumption for double pipe appliances (1) cooling	QDD	kWh/h	0,9	1,0	0,9	1,0
Energy consumption for double pipe appliances (1) heating	QDD	kWh/h	-	-	0,8	0,8
Supply voltage		V-F-Hz	230-1-50	230-1-50	230-1-50	230-1-50
Supply voltage minimum/maximum		V	198 / 264	198 / 264	198 / 264	198 / 264
Maximum power consumption in cooling mode (1)		W	1300	1400	1300	1400
Maximum absorption in cooling mode (1)		A	5,8	6,4	5,8	6,4
Maximum power consumption in heating mode (1)		W	-	-	1200	1300
Maximum absorption in heating mode (1)		A	-	-	5,3	5,8
Maximum power consumption with electric resistance heating		W	-	-	-	-
Maximum absorption with electric resistance heating		A	-	-	-	-
Dehumidification capacity		l/h	1,0	1,1	1,0	1,1
Air flow rate in cooling environment (max/med/min)		m³/h	490 / 430 / 360	490 / 430 / 360	490 / 430 / 360	490 / 430 / 360
Air flow rate in heating environment (max/med/min)		m³/h	-	-	490 / 430 / 360	490 / 430 / 360
Air flow rate with electric resistance heating environment		m³/h	-	-	-	-
External air flow rate in cooling (max/min)		m³/h	520/350	520/350	520/350	500/340
External air flow rate in heating (max/min)		m³/h	-	-	520 / 350	500 / 340
Internal ventilation speed			3	3	3	3
External ventilation speed			6	6	6	6
Diameter wall holes		mm	202*	202*	202*	202*
Electric resistance heating			-	-	-	-
Maximum range remote control (distance / angle)		m / °	8 / ±80°	8 / ±80°	8 / ±80°	8 / ±80°
Dimensions (Larg. x Alt. x Prof.) (without packaging)		mm	902 x 506 x 229	902 x 506 x 229	902 x 506 x 229	902 x 506 x 229
Dimensions (Larg. x Alt. x Prof.) (with packaging)		mm	980 x 610 x 350	980 x 610 x 350	980 x 610 x 350	980 x 610 x 350
Weight (without packaging)		Kg	39	39	39	40
Weight (with packaging)		Kg	43	43	43	43
Internal sound pressure (Min Max) (2)		dB(A)	33-42	33-43	33-42	33-43
Internal sound power level (EN 12102)	LWA	dB(A)	57	58	57	58
Degree of protection provided by covers			IP 20	IP 20	IP 20	IP 20
Refrigerant gas*		Type	R410A	R410A	R410A	R410A
Global warming potential	GWP	kgCO2 eq.	2088	2088	2088	2088
Refrigerant gas charge		kg	0,57	0,57	0,57	0,58
Maximum operating pressure		MPa	3,6	3,6	3,6	3,6
Power cable (N° pole x section mm²)			3 x 1,5	3 x 1,5	3 x 1,5	3 x 1,5

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	**Maximum temperature in cooling**	DB 35°C - WB 24°C
	Minimum temperature in cooling	DB 18°C
	Maximum temperature in heating	DB 27°C
	Minimum temperature in heating	-
Outdoor Ambient Temperature	**Maximum temperature in cooling**	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB -10°C
	Maximum temperature in heating	DB 24°C - WB 18°C
	Minimum temperature in heating	DB -15°C

(1) TEST CONDITIONS: data refers to regulation EN14511
(2): Data test declaration in semianechoic room at a distance of 2m, minimum sound pressure with ventilation only.
- By maintaining the same center to center distance of inlet and outlet holes and the possibility of installation with 162 mm diameter holes, models in the Unico Smart, Unico Inverter and Unico Act range may easily substitute previously installed Unico Star and Unico Sky models.
* hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

UNICO® inverter 13 A+ hp

UNICO INVERTER 13 A+ HP Cod. 01716

Design by King e Miranda

FEATURES

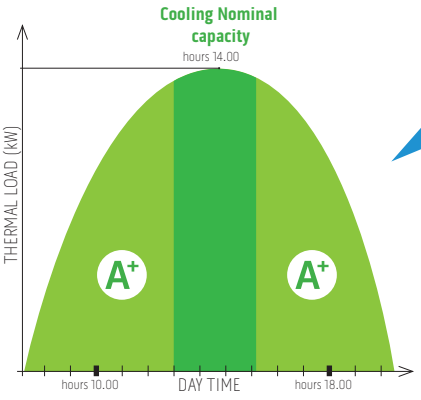
Capacity: 2.8 kW
Available in versions: HP (Heat Pump)
Class A+
Refrigerant gas R410A*
High efficency EC inverter fan
Installation versatility: top or bottom wall
Easy installation: Unico can be installed from the inside in a few minutes
Wireless wall control (Optional)
Large flap for homogeneous air diffusion in the room
Multifunction remote control
24 hour Timer

FUNCTIONS

- **Economy mode:** allows energy saving by automatically optimizing the machine's performance
- **Fan only mode**
- **Dehumidification only mode**
- **Auto mode:** changes parameters depending on ambient temperature.
- **Sleep mode:** gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.

DUAL INVERTER MODE (D.I.M.)

The DIM technological heart is located in an innovative control algorithm to optimize the efficiency when the unit works at 70% of its ambient thermal demand The algorithm allows to satisfy the real thermal demand on the 70% of the total working hours with a reduced consumption of 25% of our traditional UNICO INVERTER.**



Cooling consumption 0,6 Kw minus 25% compare to traditional OS Inverter

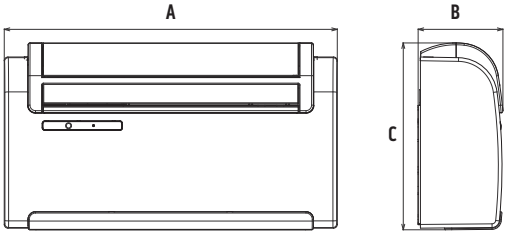
PURE SYSTEM 2

A multi filtering system that combines an electrostatic filter(which eliminates small particles such as smoke, dust, pollen and pet hair, helping to prevent allergic reactions) with an activated carbon filter (which eliminates bad odors and inactivates any harmful gas).

HEAT PUMP

Heat pump air conditioner. Thanks to this feature you can replace traditional heating in intermediate seasons or support it.

	UNICO INVERTER 13 A+ HP			
	A	B	C	Weight kg
mm	902	230	506	39



* Hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088
** Internal laboratory tests on traditional Olimpia Splendid range

				UNICO INVERTER 13 A+ HP
	Product code			01716
	Nominal cooling capacity (1)	P rated	kW	2,8
	Cooling power (min/max) (1)		kW	1,8 / 3,1
	Nominal heating capacity (1)	P rated	kW	2,7
	Heating power (min/max) (1)		kW	1,8 / 3,0
	Nominal power consumption for cooling (1)	PEER	kW	0,6
	Power consumption for cooling (min/max) (1)		kW	0,58 / 1,40
	Nominal absorption for cooling (1)		A	2,8
	Absorption for cooling (min/max) (1)		A	2,4 / 6,1
	Nominal power consumption for heating (1)	PCOP	kW	0,8
	Power consumption for heating (min/max) (1)		kW	0,53 / 1,30
	Nominal absorption for heating (1)		A	3,8
	Absorption for heating (min/max) (1)		A	2,4 / 5,9
	Nominal energy efficiency index (1)	EERd		3,1
	Nominal efficiency coefficient (1)	COPd		3,2
	Energy efficiency class in cooling (1)			A+
	Energy efficiency class in heating (1)			A
	Nominal Design Capacity	Prated	kW	2,0
	Energy consumption in "thermostat off" mode	PTO		12
	Energy consumption in "standby" mode (EN 62301)	PSB		0,5
	Energy consumption for double pipe appliances (1) cooling	QDD	kWh/h	0,9
	Energy consumption for double pipe appliances (1) heating	QDD	kWh/h	0,8
	Supply voltage		V-F-Hz	230-1-50
	Supply voltage minimum/maximum		V	198 / 264
	Maximum power consumption in cooling mode (1)		W	1400
	Maximum absorption in cooling mode (1)		A	6,4
	Maximum power consumption in heating mode (1)		W	1300
	Maximum absorption in heating mode (1)		A	5,8
	Maximum power consumption with electric resistance heating		W	-
	Maximum absorption with electric resistance heating		A	-
	Dehumidification capacity		l/h	1,1
	Air flow rate in cooling environment (max/med/min)		m³/h	490 / 430 / 360
	Air flow rate in heating environment (max/med/min)		m³/h	490 / 430 / 360
	Air flow rate with electric resistance heating environment		m³/h	-
	External air flow rate in cooling (max/min)		m³/h	500/340
	External air flow rate in heating (max/min)		m³/h	500/340
	Internal ventilation speed			3
	External ventilation speed			1
	Diameter wall holes		mm	202
	Electric resistance heating			-
	Maximum range remote control (distance / angle)		m / °	8 / ±80°
	Dimensions (Larg. x Alt. x Prof.) (without packaging)		mm	902 x 506 x 229
	Dimensions (Larg. x Alt. x Prof.) (with packaging)		mm	980 x 610 x 350
	Weight (without packaging)		Kg	39
	Weight (with packaging)		Kg	42
	Internal sound pressure (Min Max) (2)		dB(A)	33-43
	Internal sound power level (EN 12102)	LWA	dB(A)	58
	Degree of protection provided by covers			IP 20
	Refrigerant gas*		Type	R410A
	Global warming potential	GWP	kgCO2 eq.	2088
	Refrigerant gas charge		kg	0,50
	Maximum operating pressure		MPa	3,6
	Power cable (N° pole x section mm²)			3 x 1,5
	LIMITS OF OPERATING CONDITIONS			
Indoor Ambient Temperature	Maximum temperature in cooling			DB 35°C - WB 24°C
	Minimum temperature in cooling			DB 18°C
	Maximum temperature in heating			DB 27°C
	Minimum temperature in heating			-
Outdoor Ambient Temperature	Maximum temperature in cooling			DB 43°C - WB 32°C
	Minimum temperature in cooling			DB -10°C
	Maximum temperature in heating			DB 24°C - WB 18°C
	Minimum temperature in heating			DB -15°C

(1) TEST CONDITIONS: data refers to regulation EN14511
(2): Data test declaration in semianechoic room at a distance of 2m, minimum sound pressure with ventilation only.
- By maintaining the same center to center distance of inlet and outlet holes and the possibility of installation with 162 mm diameter holes, models in the Unico Smart, Unico Inverter and Unico Act range may easily substitute previously installed Unico Star and Unico Sky models.
* hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

UNICO® SMART

Up to **2,7 kW capacity**. Designed for the air-conditioning of **large spaces**.

UNICO SMART 10 SF	Cod. 01491
UNICO SMART 10 HP	Cod. 01492
UNICO SMART 12 SF	Cod. 01493
UNICO SMART 12 HP	Cod. 01494

Design by King e Miranda

FEATURES

Two capacity versions: 2,3 kW - 2,7 kW
Available in versions: SF (Cooling only) - HP (Heat Pump)
Double class A
Refrigerant gas R410A*
Installation versatility: top or bottom wall
Easy installation: Unico can be installed from the inside in a few minutes
Wireless wall control (Optional)
Multifunction remote control
24 hour Timer

FUNCTIONS

- **Fan only mode**
- **Dehumidification only mode**
- **Auto mode:** changes parameters depending on ambient temperature.
- **Sleep mode:** gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.

HEAT PUMP

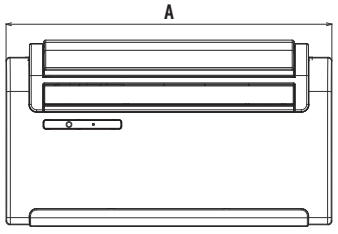
Heat pump air conditioner. Thanks to this feature you can replace traditional heating in intermediate seasons or support it. (only in HP version)

PURE SYSTEM 2

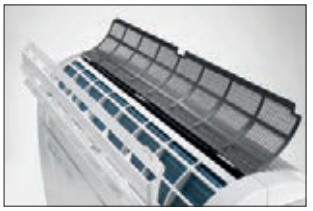
A multi filtering system that combines an electrostatic filter(which eliminates small particles such as smoke, dust, pollen and pet hair, helping to prevent allergic reactions) with an activated carbon filter (which eliminates bad odors and inactivates any harmful gas).

SUPER COLD

In version number 12 Unico Smart's cooling capacity can reach up to 2.7 kW.



	UNICO SMART			
	A	B	C	Weight kg
mm	902	230	516	40



* Hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

			UNICO SMART 10 SF ®	UNICO SMART 10 HP ®	UNICO SMART 12 SF ®	UNICO SMART 12 HP ®
Product code			01491	01492	01493	01494
Nominal cooling capacity (1)	P rated	kW	2,3	2,3	2,7	2,7
Cooling power (min/max) (1)		kW	-	-	-	-
Nominal heating capacity (1)	P rated	kW	-	2,3	-	2,5
Heating power (min/max) (1)		kW	-	-	-	-
Nominal power consumption for cooling (1)	PEER	kW	0,9	0,9	1,0	1,0
Power consumption for cooling (min/max) (1)		kW	-	-	-	-
Nominal absorption for cooling (1)		A	3,7	3,7	4,3	4,3
Absorption for cooling (min/max) (1)		A	-	-	-	-
Nominal power consumption for heating (1)	PCOP	kW	-	0,7	-	0,8
Power consumption for heating (min/max) (1)		kW	-	-	-	-
Nominal absorption for heating (1)		A	-	3,0	-	3,3
Absorption for heating (min/max) (1)		A		-	-	-
Nominal energy efficiency index (1)	EERd		2,6	2,6	2,6	2,6
Nominal efficiency coefficient (1)	COPd		-	3,1	-	3,1
Energy efficiency class in cooling (1)			A	A	A	A
Energy efficiency class in heating (1)			-	A	-	A
Energy consumption in "thermostat off" mode	PTO		14,0	14,0	14,0	14,0
Energy consumption in "standby" mode (EN 62301)	PSB		0,5	0,5	0,5	0,5
Energy consumption for double pipe appliances (1) cooling	QDD	kWh/h	0,9	0,9	1,0	1,0
Energy consumption for double pipe appliances (1) heating	QDD	kWh/h	-	0,7	-	0,80
Supply voltage		V-F-Hz	230-1-50	230-1-50	230-1-50	230-1-50
Supply voltage minimum/maximum		V	198 / 264	198 / 264	198 / 264	198 / 264
Maximum power consumption in cooling mode (1)		W	0,9	0,9	1,1	1,1
Maximum absorption in cooling mode (1)		A	3,8	3,9	4,8	4,8
Maximum power consumption in heating mode (1)		W	-	0,9	-	1,1
Maximum absorption in heating mode (1)		A	-	3,8	-	4,7
Maximum power consumption with electric resistance heating		W	-	-	-	-
Maximum absorption with electric resistance heating		A	-	-	-	-
Dehumidification capacity		l/h	0,9	1,1	0,9	1,1
Air flow rate in cooling environment (max/med/min)		m³/h	490 / 430 / 360	490 / 430 / 360	490 / 430 / 360	490 / 430 / 360
Air flow rate in heating environment (max/med/min)		m³/h	-	410 / 350 / 270	-	450 / 400 / 330
Air flow rate with electric resistance heating environment		m³/h	-	-	-	-
External air flow rate in cooling (max/min)		m³/h	520 / 350	520 / 350	520 / 350	500 / 340
External air flow rate in heating (max/min)		m³/h	-	520 / 350	-	500 / 340
Internal ventilation speed			3	3	3	3
External ventilation speed			3	3	3	3
Diameter wall holes		mm	162 / 202	162 / 202	162 / 202	162 / 202
Electric resistance heating			-	-	-	-
Maximum range remote control (distance / angle)		m / °	8 / ±80°	8 / ±80°	8 / ±80°	8 / ±80°
Dimensions (Larg. x Alt. x Prof.) (without packaging)		mm	902 x 516 x 229	902 x 516 x 229	902 x 516 x 229	902 x 516 x 229
Dimensions (Larg. x Alt. x Prof.) (with packaging)		mm	980 x 610 x 350	980 x 610 x 350	980 x 610 x 350	980 x 610 x 350
Weight (without packaging)		Kg	40	40	40	40
Weight (with packaging)		Kg	44	44	44	44
Internal sound pressure (Min Max) (2)		dB(A)	33-41	33-41	33-42	33-42
Internal sound power level (EN 12102)	LWA	dB(A)	56	56	57	57
Degree of protection provided by covers			IP 20	IP 20	IP 20	IP 20
Refrigerant gas*		Type	R410A	R410A	R410A	R410A
Global warming potential	GWP	kgCO2 eq.	2088	2088	2088	2088
Refrigerant gas charge		kg	0,48	0,54	0,65	0,55
Maximum operating pressure		MPa	3,6	3,6	3,6	3,6
Power cable (N° pole x section mm²)			3 x 1,5	3 x 1,5	3 x 1,5	3 x 1,5

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	Maximum temperature in cooling	DB 35°C - WB 24°C
	Minimum temperature in cooling	DB 18°C
	Maximum temperature in heating	DB 27°C
	Minimum temperature in heating	-
Outdoor Ambient Temperature	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB -10°C
	Maximum temperature in heating	DB 24°C - WB 18°C
	Minimum temperature in heating	DB -15°C

(1) TEST CONDITIONS: data refers to regulation EN14511
(2): Data test declaration in semianechoic room at a distance of 2m, minimum sound pressure with ventilation only.
- By maintaining the same center to center distance of inlet and outlet holes and the possibility of installation with 162 mm diameter holes, models in the Unico Smart, Unico Inverter and Unico Act range may easily substitute previously installed Unico Star and Unico Sky models.
* hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

UNICO® R

Designed for the **coldest climates**.

UNICO 10 HP Cod. 01495
UNICO 12 HP Cod. 01496

FEATURES

Two capacity versions: 2,3 kW - 2,7 kW
Available in versions: HP (Heat Pump)
Double class A
Refrigerant gas R410A *
Installation versatility: top or bottom wall
Easy installation: Unico can be installed from the inside in a few minutes
Wireless wall control (Optional)
Multifunction remote control
24 hour Timer

FUNCTIONS

- **Fan only mode**
- **Dehumidification only mode**
- **Auto mode:** changes parameters depending on ambient temperature.
- **Sleep mode:** gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.

+2 KW BACKUP AUXILIARY

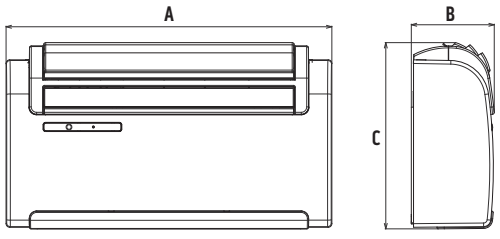
Suitable even for the coldest temperatures.

HEAT PUMP

When external ambient temperatures are below 2 ° C, only the fan and the electric heaters are activated for the heating mode. For temperatures over 2 ° C, heating is obtained by means of the heat pump. The management of either mode is completely automatic.

PURE SYSTEM 2

A multi filtering system that combines an electrostatic filter (which eliminates small particles such as smoke, dust, pollen and pet hair, helping to prevent allergic reactions) with an activated carbon filter (which eliminates bad odors and inactivates any harmful gas).



	UNICO R			
	A	B	C	Weight kg
mm	902	230	516	40

* Hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

			UNICO R 10 HP	UNICO R 12 HP
Product code			01495	01496
Nominal cooling capacity (1)	P rated	kW	2,3	2,7
Cooling power (min/max) (1)		kW	-	-
Nominal heating capacity (1)	P rated	kW	2,3	2,5
Heating power (min/max) (1)		kW	-	-
Nominal power consumption for cooling (1)	PEER	kW	0,9	1,0
Power consumption for cooling (min/max) (1)		kW	-	-
Nominal absorption for cooling (1)		A	3,70	4,30
Absorption for cooling (min/max) (1)		A	-	-
Nominal power consumption for heating (1)	PCOP	kW	0,7	0,8
Power consumption for heating (min/max) (1)		kW	-	-
Nominal absorption for heating (1)		A	3,0	3,3
Absorption for heating (min/max) (1)		A	-	-
Nominal energy efficiency index (1)	EERd		2,6	2,6
Nominal efficiency coefficient (1)	COPd		3,1	3,1
Energy efficiency class in cooling (1)			A	A
Energy efficiency class in heating (1)			A	A
Energy consumption in "thermostat off" mode	PTO		14,0	14,0
Energy consumption in "standby" mode (EN 62301)	PSB		0,5	0,5
Energy consumption for double pipe appliances (1) cooling	QDD	kWh/h	0,9	1,0
Energy consumption for double pipe appliances (1) heating	QDD	kWh/h	0,7	0,8
Supply voltage		V-F-Hz	230-1-50	230-1-50
Supply voltage minimum/maximum		V	198 / 264	198 / 264
Maximum power consumption in cooling mode (1)		W	0,9	1,1
Maximum absorption in cooling mode (1)		A	3,9	4,8
Maximum power consumption in heating mode (1)		W	0,9	1,1
Maximum absorption in heating mode (1)		A	3,8	4,7
Maximum power consumption with electric resistance heating		W	2,0	2,0
Maximum absorption with electric resistance heating		A	8,7	8,7
Dehumidification capacity		l/h	0,9	1,1
Air flow rate in cooling environment (max/med/min)		m³/h	490 / 430 / 360	490 / 430 / 360
Air flow rate in heating environment (max/med/min)		m³/h	410 / 350 / 270	490 / 400 / 330
Air flow rate with electric resistance heating environment		m³/h	-490	-490
External air flow rate in cooling (max/min)		m³/h	520 / 350	500 / 340
External air flow rate in heating (max/min)		m³/h	520 / 350	500 / 340
Internal ventilation speed			3	3
External ventilation speed			3	3
Diameter wall holes		mm	162/202	162/202
Electric resistance heating			2000	2000
Maximum range remote control (distance / angle)		m / °	8 / ±80°	8 / ±80°
Dimensions (Larg. x Alt. x Prof.) (without packaging)		mm	902 x 516 x 229	902 x 516 x 229
Dimensions (Larg. x Alt. x Prof.) (with packaging)		mm	980 x 610 x 350	980 x 610 x 350
Weight (without packaging)		Kg	40	40
Weight (with packaging)		Kg	44	44
Internal sound pressure (Min Max) (2)		dB(A)	33-41	33-42
Internal sound power level (EN 12102)	LWA	dB(A)	56	57
Degree of protection provided by covers			IP 20	IP 20
Refrigerant gas*		Type	R410A	R410A
Global warming potential	GWP	kgCO2 eq.	2088	2088
Refrigerant gas charge		kg	0,65	0,55
Maximum operating pressure		MPa	3,6	3,6
Power cable (N° pole x section mm²)			3 x 1,5	3 x 1,5

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	**Maximum temperature in cooling**	DB 35°C - WB 24°C
	Minimum temperature in cooling	DB 18°C
	Maximum temperature in heating	DB 27°C
	Minimum temperature in heating	-
Outdoor Ambient Temperature	**Maximum temperature in cooling**	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB -10°C
	Maximum temperature in heating	DB 24°C - WB 18°C
	Minimum temperature in heating	DB -15°C

(1) TEST CONDITIONS: data refers to regulation EN14511
(2): Data test declaration in semianechoic room at a distance of 2m, minimum sound pressure with ventilation only.
- By maintaining the same center to center distance of inlet and outlet holes and the possibility of installation with 162 mm diameter holes, models in the Unico Smart, Unico Inverter and Unico Act range may easily substitute previously installed Unico Star and Unico Sky models.
** hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

UNICO® easy

The **consolle** air-conditioner without outdoor unit.

UNICO EASY SF Cod. 01056
UNICO EASY HP Cod. 00981

Design by Dario Tanfoglio

FEATURES

Cooling capacity: 2.1 kW
Available in versions: SF (Cooling only) - HP (Heat Pump)
Double class A
Refrigerant gas R410A*
Easy installation: Unico can be installed from the inside in a few minutes
Removable remote control on machine
24 hour Timer

FUNCTIONS

- **Fan only mode**
- **Dehumidification only mode**
- **Auto mode:** changes parameters depending on ambient temperature.
- **Sleep mode:** gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.

REDUCED GRIDS **Ø 16 CM**

SUPPORTING LEGS

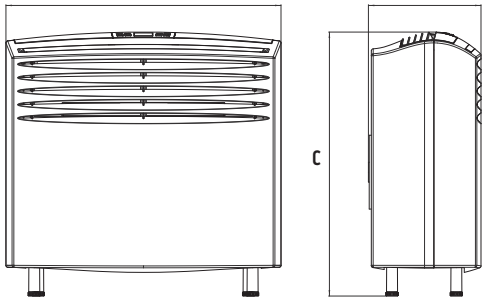
Equipped with two supporting legs for a more stable positioning.

REMOTE CONTROL

Removable remote control for more practicality

HEAT PUMP

Heat pump air conditioner. Thanks to this feature you can replace traditional heating in intermediate seasons or support it.



	UNICO EASY			
	A	B	C	Weight kg
mm	693	284	665	43

* Hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

			UNICO EASY SF	UNICO EASY HP
Product code			01056	00981
Nominal cooling capacity (1)	P rated	kW	2,1	2,0
Cooling power (min/max) (1)		kW	-	-
Nominal heating capacity (1)	P rated	kW	-	2,0
Heating power (min/max) (1)		kW	-	-
Nominal power consumption for cooling (1)	PEER	kW	0,8	0,8
Power consumption for cooling (min/max) (1)		kW	-	-
Nominal absorption for cooling (1)		A	3,50	3,40
Absorption for cooling (min/max) (1)		A	-	-
Nominal power consumption for heating (1)	PCOP	kW	-	0,7
Power consumption for heating (min/max) (1)		kW	-	-
Nominal absorption for heating (1)		A	-	3,2
Absorption for heating (min/max) (1)		A	-	-
Nominal energy efficiency index (1)	EERd		2,7	2,6
Nominal efficiency coefficient (1)	COPd		-	2,8
Energy efficiency class in cooling (1)			A	A
Energy efficiency class in heating (1)			-	B
Energy consumption in "thermostat off" mode	PTO		26,0	26,0
Energy consumption in "standby" mode (EN 62301)	PSB		1,0	1,0
Energy consumption for double pipe appliances (1) cooling	QDD	kWh/h	0,8	0,8
Energy consumption for double pipe appliances (1) heating	QDD	kWh/h	-	0,7
Supply voltage		V-F-Hz	230-1-50	230-1-50
Supply voltage minimum/maximum		V	196 / 253	216 / 244
Maximum power consumption in cooling mode (1)		W	879	1000
Maximum absorption in cooling mode (1)		A	3,9	3,9
Maximum power consumption in heating mode (1)		W	-	900
Maximum absorption in heating mode (1)		A	-	3,8
Maximum power consumption with electric resistance heating		W	-	-
Maximum absorption with electric resistance heating		A	-	-
Dehumidification capacity		l/h	1,0	0,9
Air flow rate in cooling environment (max/med/min)		m³/h	328 / 300 / 274	310 / 280 / 250
Air flow rate in heating environment (max/med/min)		m³/h	-	310 / 280 / 250
Air flow rate with electric resistance heating environment		m³/h	-	-
External air flow rate in cooling (max/min)		m³/h	429 / 258	430 / 350 / 260
External air flow rate in heating (max/min)		m³/h	-	400 / 350 / 260
Internal ventilation speed			3	3
External ventilation speed			2	3
Diameter wall holes		mm	162	162
Electric resistance heating			-	-
Maximum range remote control (distance / angle)		m / °	8 / ±80°	8 / ±80°-
Dimensions (Larg. x Alt. x Prof.) (without packaging)		mm	693 x 666 x 276	693 x 666 x 276
Dimensions (Larg. x Alt. x Prof.) (with packaging)		mm	768 x 806 x 374	768 x 806 x 374
Weight (without packaging)		Kg	39	39
Weight (with packaging)		Kg	43	43
Internal sound pressure (Min Max) (2)		dB(A)	33-42	33-44
Internal sound power level (EN 12102)	LWA	dB(A)	57	59
Degree of protection provided by covers			IP 20	IP21
Refrigerant gas*		Type	R410A	R410A
Global warming potential	GWP	kgCO2 eq.	2088	2088
Refrigerant gas charge		kg	0,55	0,51
Maximum operating pressure		MPa	3,6	3,6
Power cable (N° pole x section mm²)			3 x 1,5	3 x 1,5

LIMITS OF OPERATING CONDITIONS

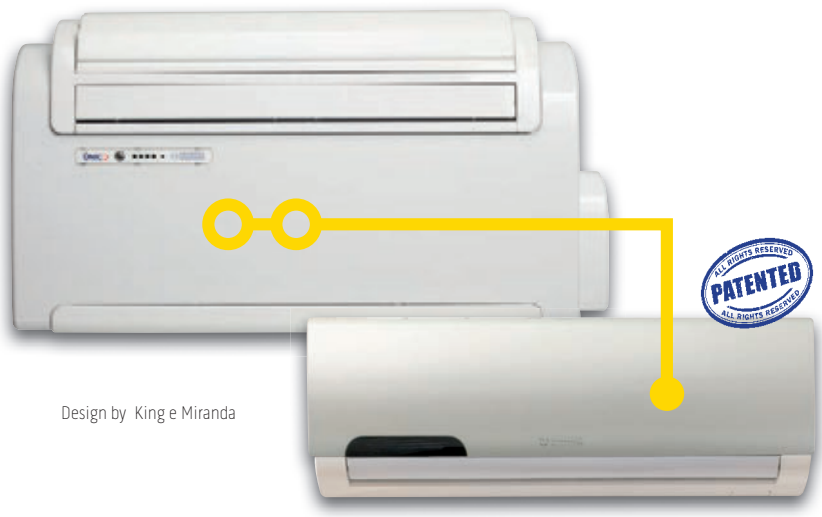
Indoor Ambient Temperature	**Maximum temperature in cooling**		DB 35°C - WB 32°C
	Minimum temperature in cooling		DB 16°C
	Maximum temperature in heating		-
	Minimum temperature in heating		-
Outdoor Ambient Temperature	**Maximum temperature in cooling**		DB 43°C - WB 32°C
	Minimum temperature in cooling		DB 18°C - WB 16°C
	Maximum temperature in heating		-
	Minimum temperature in heating		-

(1) TEST CONDITIONS: data refers to regulation EN14511
(2): Data test declaration in semianechoic room at a distance of 2m, minimum sound pressure with ventilation only.
- By maintaining the same center to center distance of inlet and outlet holes and the possibility of installation with 162 mm diameter holes, models in the Unico Smart, Unico Inverter and Unico Act range may easily substitute previously installed Unico Star and Unico Sky models.
* hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

UNICO® twin

MASTER Cod. 01273
WALL Cod. 01274

The system without outdoor unit to air condition two rooms at the same time. Two inside units, the traditional UNICO unit and the UNICO WALL unit, are connected by a refrigerating circuit.



Design by King e Miranda

FEATURES of the system

Independent or combined mode: if you choose simultaneous mode
the two units share the power available *
Available in versions: HP (Heat pump)
Duble class A
Refrigerant gas R410A**
Multifunction double remote control
24h Timer

MASTER features

Cooling capacity: 2.6 kW
HP mode capacity (heat pump): 2.5 kW
Installation versatility: top or bottom wall installation
Possible glass installation*
Easy installation: Unico Twin can be installed from the inside in a few minutes
Large flap for a homogeneous diffusion of the air in the environment

wall FEATURES

Cooling capacity: 2.5 kW
HP mode capacity (heat pump): 2.2 kW
Maximum silence: up to 25% quieter than the master unit
Available in two colors: pearl and silver

GOOD DESIGN

Unico Twin® is the winner of GOOD DESIGN AWARD 2013. Founded in Chicago in 1950, GOOD DESIGN is the oldest internationally recognized competition for design excellence.

FUNCTIONS

- **Fan only mode**
- **Dehumidification only mode**
- **Auto mode:** changes parameters depending on ambient temperature.
- **Sleep mode:** gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.

TWIN TECHNOLOGY

Thanks to TWIN® technology double room conditioning is performed in total aesthetic integration with the building, with a considerable simplification of design. Twin® technology allows the use of the two units (Master unit and Wall unit) simultaneously or separately depending on requirements, both in heating and cooling mode.

HEAT PUMP

Heat pump air conditioner. Thanks to this feature you can replace traditional heating in intermediate seasons or support it.

PURE SYSTEM 2

A multi filtering system that combines an electrostatic filter(which eliminates small particles such as smoke, dust, pollen and pet hair, helping to prevent allergic reactions) with an activated carbon filter (which eliminates bad odors and inactivates any harmful gas).

Installation note

By maintaining the same center to center distance of inlet and outlet holes, Unique Twin Master can easily substitute previously installed Unico models.

* During simultaneous operation the inside units are forced at minimum speed.
** Not ermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

			UNICO TWIN MASTER
Product code			01273
Nominal cooling capacity (1)	Pnom.	kW	2,6
Nominal heating capacity (1)	Pnom.	kW	2,5
Nominal power consumption for cooling (1)	PEER	kW	0,9
Nominal absorption for cooling (1)		A	4,3
Nominal power consumption for heating (1)	PCOP	kW	0,8
Nominal absorption for heating (1)		A	3,5
Nominal energy efficiency index (1)	EERd		2,7
Nominal efficiency coefficient (1)	COPd		3,1
Energy efficiency class in cooling (1)			A
Energy efficiency class in heating (1)			A
Energy consumption in "thermostat off" mode	PTO	W	14,0
Energy consumption in "standby" mode (EN 62301)	PSB	W	0,5
Energy consumption for double pipe appliances (1) cooling function	QDD	kWh/h	0,9
Energy consumption for double pipe appliances (1) heating function	QDD	kWh/h	0,8
Supply voltage		V-F-Hz	230-1-50
Supply voltage minimum/maximum		V	198 / 264
Maximum power consumption in cooling mode (1)		W	1200
Maximum absorption in cooling mode (1)		A	5,4
Maximum power consumption in heating mode (1)		W	1080
Maximum absorption in heating mode (1)		A	4,8
Dehumidification capacity		l/h	1,1
Air flow rate in cooling environment (max/med/min)		m³/h	490 / 430 / 360
Air flow rate in heating environment (max/med/min)		m³/h	450 / 400 / 330
External air flow rate in cooling (max/min)		m³/h	500 / 370 / 340
External air flow rate in heating (max/min)		m³/h	500 / 370 / 340
Internal ventilation speed			3
External ventilation speed			3
Diameter wall holes		mm	202*
Dimensions (Larg. x Alt. x Prof.) (without packaging)		mm	902 x 516 x 229
Weight (without packaging)		Kg	40,5
Internal sound power level (EN 12102)	LWA	dB(A)	57
Internal sound pressure (Min Max) (2)		dB(A)	33-42
Degree of protection provided by covers			IP 20
Refrigerant gas*		Type	R410A
Global warming potential	GWP	kgCO2 eq.	2088
Refrigerant gas charge		kg	0,85
Power cable (N° pole x section mm²)			3 x 1,5

	LIMITS OF OPERATING CONDITIONS	
Indoor Ambient Temperature	Maximum temperature in cooling	DB 35°C - WB 24°C
	Minimum temperature in cooling	DB 18°C
	Maximum temperature in heating	DB 27°C
	Minimum temperature in heating	-
Outdoor Ambient Temperature	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB -10°C
	Maximum temperature in heating	DB 24°C - WB 18°C
	Minimum temperature in heating	DB -15°C

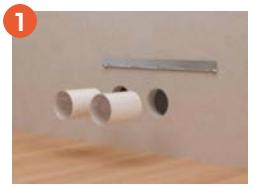
Performance and optimal operation are guaranteed with units operating alternately.
In simultaneous operation ambient air fan speed works at minimum speed. Performance is measured by gas piping at a length of 5 m.

(1) TEST CONDITIONS: data refers to regulation EN14511
(2): Data test declaration in semianechoic room at a distance of 2m, minimum sound pressure with ventilation only.
- By maintaining the same center to center distance of inlet and outlet holes and the possibility of installation with 162 mm diameter holes, models in the Unico Smart, Unico Inverter and Unico Act range may easily substitute previously installed Unico Star and Unico Sky models.
* Not ermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

		UNICO TWIN WALL
Product code		01274
Nominal cooling capacity (1)	kW	2,5
Nominal heating capacity (1)	kW	2,2
Nominal power consumption for heating (1)	kW	0,9
Nominal absorption for cooling (1)	A	4,2
Nominal power consumption for heating (1)	kW	0,7
Nominal absorption for heating (1)	A	3,2
Maximum power consumption in cooling mode (1)	W	1200
Maximum absorption in cooling mode (1)	A	5,4
Maximum power consumption in heating mode (1)	W	1080
Maximum absorption in heating mode (1)	A	4,8
Dehumidification capacity	l/h	1,0
Air flow rate in cooling environment (max/med/min)	m³/h	450 / 400 / 340
Air flow rate in heating environment (max/med/min)	m³/h	450 / 400 / 340
Internal ventilation speed		3
Dimensions (Larg. x Alt. x Prof.) (without packaging)	mm	760 x 253 x 190
Weight (without packaging)	Kg	8
Internal sound power level (EN 12102)	dB(A)	53
Internal sound pressure (Min Max) (2)	dB(A)	27-38
Degree of protection providedby overs		IP X1
Power cable (N° pole x section mm²)		3 x 1
Connecting liquid pipeline diameter	inch - mm	1/4 - 6,35
Connecting gas pipeline diameter	inch - mm	3/8 - 9,52
Maximum piping length	m	10
Maximum height difference	m	5

Easy installation

1



MASTER UNIT

Thanks to the template included in the package, the MASTER unit is installed, completely from the inside and in a few minutes, with the two holes of 202 mm diameter in the first room to beair conditioned.

2

The MASTER unit is connected to the WALL unit, thanks to the gas connection on the right side of the unit. Maximum length refrigerant lines: 10 meters.

3

WALL UNIT

The WALL unit is installed on the wall of the second room to be air conditioned.

UNICO® boiler

MASTER Cod. 01422
WALL Cod. 599509A

The system without external unit which simultaneously air conditions and produces **domestic hot water**. Inside, two units are connected by a refrigerating circuit: the UNICO unit for air conditioning and the **high efficiency boiler** for DHW production.

Design by Olimpia Splendid

FEATURES of the system

Duble class A
Refrigerant gas R410A*
Installation versatility: top or bottom wall installation;
Easy installation: Unico can be installed from the inside within a few minutes
Multifunction remote control
24 hour Timer

BOILER MASTER features

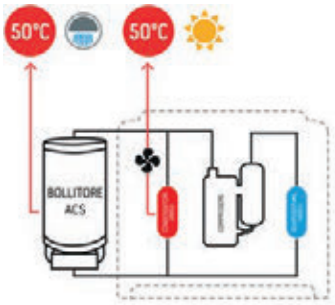
Cooling capacity: 2.6 kW
HP mode capacity (heat pump): 2.5 kW
Installation versatility: top or bottom wall installation
Easy installation: Unico Twin can be installed from the inside in a few minutes
Large flap for a homogeneous diffusion of the air in the environment

BOILER WALL features

Heating times: 1h49min (43 min in TURBO** mode)
Accumulation capacity: 50 l
Electrical power supply: 1,2 kW

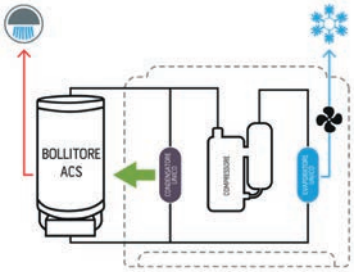
THE BOILER SYSTEM

HEATING + DHW



Heating + Domestic hot water with shared heating output

COOLING + TOTAL RECOVERY



Cooling +Domestic hot water with energy recovery

In summer operation the heat extracted from indoor air is transferred to the boiler for free DHW production instead of being disposed externally.

FUNCTIONS

Fan only mode
Dehumidification only mode
Auto mode: changes parameters depending on ambient temperature.
Sleep mode: gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.
Cooling
Heating
Domestic Hot Water
Cooling + DHW
Heating + DHW

* Not ermetically sealed equipment containing fluorinated gas with GWP equivalent 2088
** With electrical resistance inserted

			UNICO BOILER MASTER
Product code			01422
Nominal cooling capacity (1)	Pnom.	kW	2,6
Nominal heating capacity (1)	Pnom.	kW	2,5
Nominal power consumption for cooling (1)	PEER	kW	0,9
Nominal absorption for cooling (1)		A	4,3
Nominal power consumption for heating (1)	PCOP	kW	0,8
Nominal absorption for heating (1)		A	3,5
Nominal energy efficiency index (1)	EERd		2,7
Nominal efficiency coefficient (1)	COPd		3,1
Energy efficiency class in cooling (1)			A
Energy efficiency class in heating (1)			A
Energy consumption in "thermostat off" mode	PTO	W	14,0
Energy consumption in "standby" mode (EN 62301)	PSB	W	0,5
Energy consumption for double pipe appliances (1) cooling function	QDD	kWh/h	0,9
Energy consumption for double pipe appliances (1) heating function	QDD	kWh/h	0,8
Supply voltage		V-F-Hz	230-1-50
Supply voltage minimum/maximum		V	198 / 264
Maximum power consumption in cooling mode (1)		W	1200
Maximum absorption in cooling mode (1)		A	5,4
Maximum power consumption in heating mode (1)		W	1080
Maximum absorption in heating mode (1)		A	4,8
Dehumidification capacity		l/h	1,1
Air flow rate in cooling environment (max/med/min)		m³/h	490 / 430 / 360
Air flow rate in heating environment (max/med/min)		m³/h	450 / 400 / 330
External air flow rate in cooling (max/min)		m³/h	500 / 370 / 340
External air flow rate in heating (max/min)		m³/h	500 / 370 / 340
Internal ventilation speed			3
External ventilation speed			3
Diameter wall holes		mm	202*
Dimensions (Larg. x Alt. x Prof.) (without packaging)		mm	902 x 516 x 229
Weight (without packaging)		Kg	40,5
Internal sound power level (EN 12102)	LWA	dB(A)	57
Internal sound pressure (Min Max) (2)		dB(A)	33-42
Degree of protection provided by covers			IP 20
Refrigerant gas*		Type	R410A
Global warming potential	GWP	kgCO2 eq.	2088
Refrigerant gas charge		kg	0,85
Power cable (N° pole x section mm²)			3 x 1,5

	LIMITS OF OPERATING CONDITIONS	
Indoor Ambient Temperature	Maximum temperature in cooling	DB 35°C - WB 24°C
	Minimum temperature in cooling	DB 18°C
	Maximum temperature in heating	DB 27°C
	Minimum temperature in heating	-
Outdoor Ambient Temperature	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB -10°C
	Maximum temperature in heating	DB 24°C - WB 18°C
	Minimum temperature in heating	DB -15°C

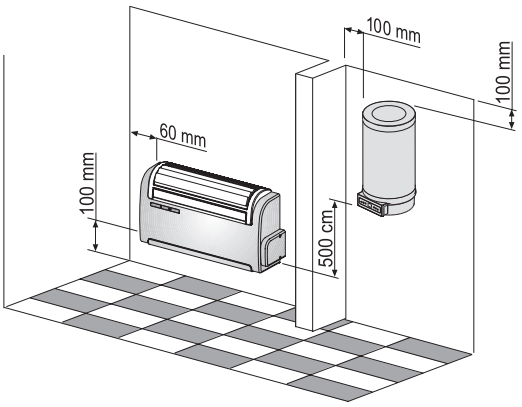
Performance and optimal operation are guaranteed with units operating alternately.
In simultaneous operation ambient air fan speed works at minimum speed. Performance is measured by gas piping at a length of 5 m.

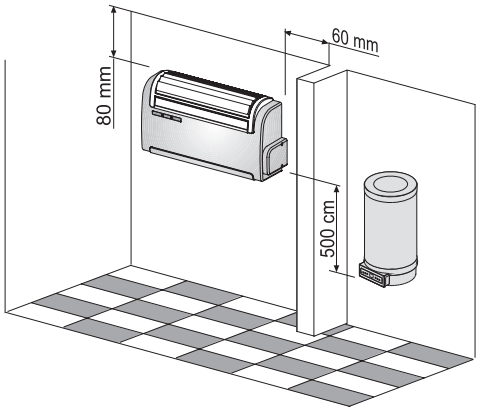
(1) TEST CONDITIONS: data refers to regulation EN14511
(2): Data test declaration in semianechoic room at a distance of 2m, minimum sound pressure with ventilation only.
- By maintaining the same center to center distance of inlet and outlet holes and the possibility of installation with 162 mm diameter holes, models in the Unico Smart, Unico Inverter and Unico Act range may easily substitute previously installed Unico Star and Unico Sky models.
* Not hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

		UNICO BOILER WALL
Product code		599509A
Overall heating efficiency + DHW		2,3
Overall cooling efficiency + DHW		4,0
Heating time *	hh:mm	01:49
Heating time BOOST mode **	hh:mm	00:43
Electrical power supply	W	1200
Accumulation capacity	l	50
Dimensions	mm	400 x 416 x 760
Weight without water	kg	25
Insulation thickness	mm	30
Power cable (N° pole x section mm²)		3x1
Maximum distance master and boiler	m	10
Maximum height difference master and boiler	m	5
Electrical protection		IPX2
Diameter water connectors	"	1/2 GM
Diameter refrigerant connectors	"	3/8

*values obtained in accordance with regulation EN 16147 indoor air temperature 20°C, external air 7°C RH 85%,inlet water at 10°C and temperature set at 55°C

** with active electrical resistance

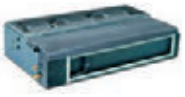




FIXED AIR CONDITIONERS

NEXYA

Monosplit selection table

	RESIDENTIAL		LIGHT COMMERCIAL	
	9	12	18	24
MONOSPLIT	 	 	  or 1x  or 1x  or 1x 	  or 1x  or 1x  or 1x 

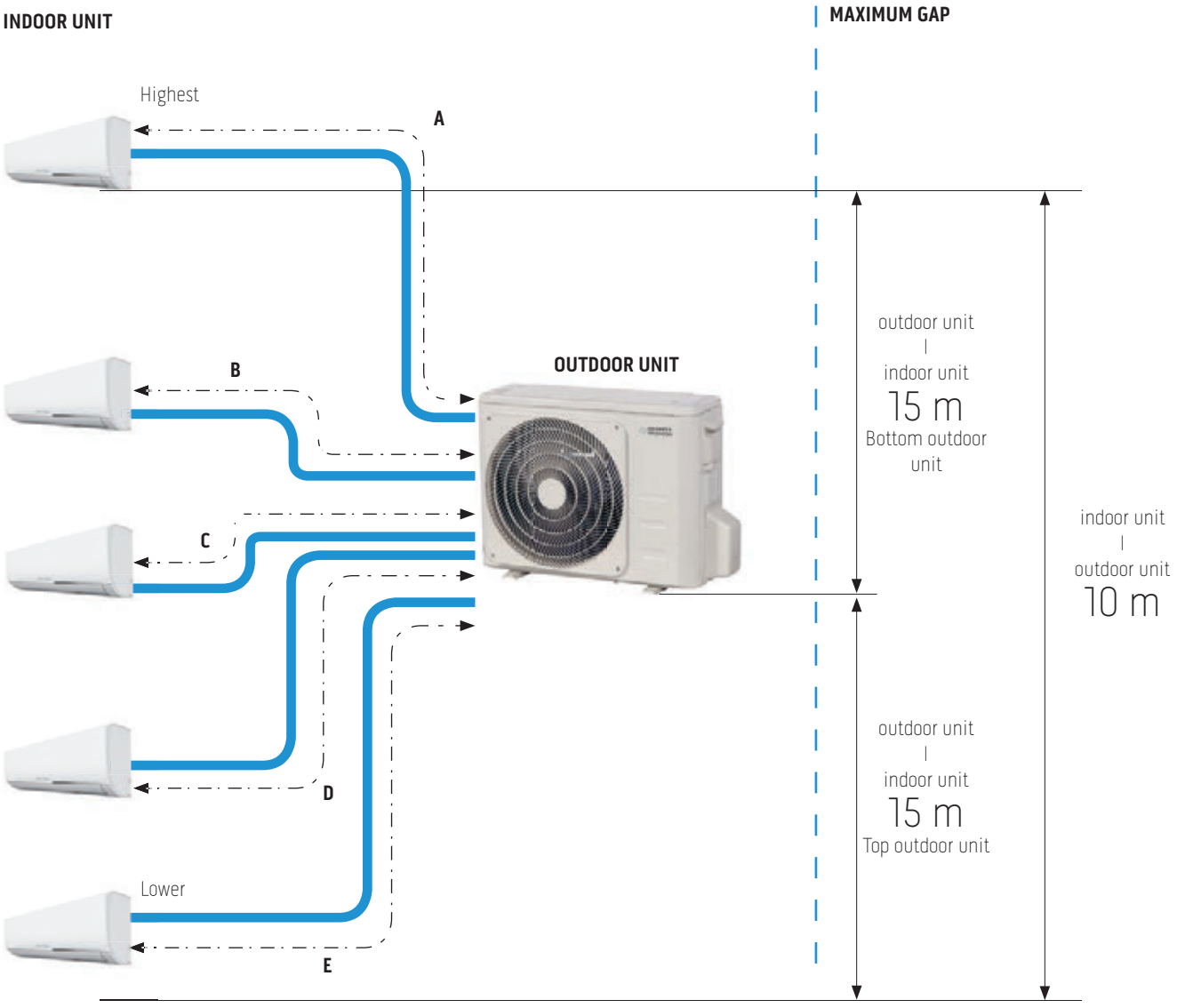
Multisplit selection table*



	WALL / DUCT		CASSETTE	
	9	12	9	12
DUAL 18	X2			
	X1	X1		X1
DUAL 21	X2			
	X1	X1		
		X2		X2
TRIAL 26	X3			
	X2	X1		X3
	X1	X2		
		X3		
QUADRI 36	X4			
	X3	X1		
	X2	X2		X4
	X1	X3		
		X4		
PENTA 42	X5			
	X4	X1		
	X3	X2		X5
	X2	X3		
	X1	X4		
		X5		

*Each combination shown in the table is possible, if the sizes are respected, also by combining the wall/ducted/cassette models

Mono- and multisplit tubes installation



	MONO	DUAL	TRIAL	QUADRI	PENTA
Maximum distance single pipe Indoor Unit - Outdoor Unit	25 m	25 m	30 m	35 m	35 m
Total length A+B+C+D+E	-	40 m	60 m	80 m	80 m

WI-FI SPLIT NEW

KIT SPLIT WI-FI

KIT SPLIT WI-FI	
Code	B1016

Additional kit on USB dongle, compatible on the entire Nexya range (see compatibility table)

EASY INSTALLATION
First installation facilitated; just insert the USB dongle in the relative port under the front panel.

WI-FI EASY
Possibility of managing the terminals in Wi-Fi mode. The connection does not require configuration of the router.

REMOTE CONNECTION
Remote connection (away from home) via 3G or 4G smartphone network.

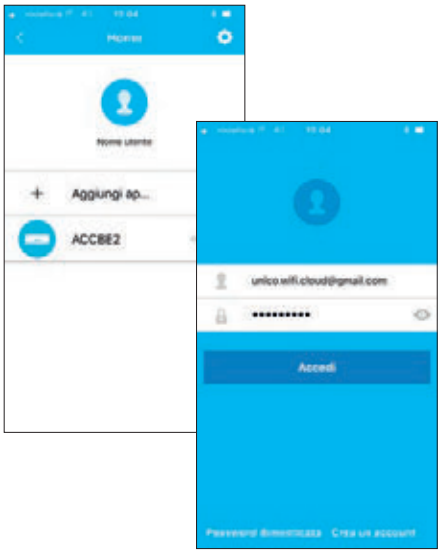
DOWNLOAD OUR APP

OLIMPIA SPLENDID SPLIT

The new Olimpia Splendid application to control and set your Nexya locally or in remote mode.
Available for Download on Apple Store and Google Play

Available on the iPhone App Store

ANDROID APP ON Google play

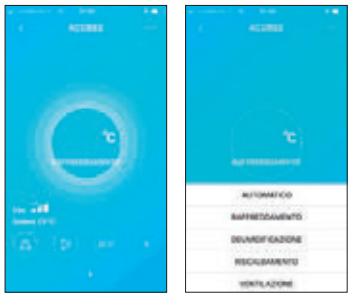


FEATURES

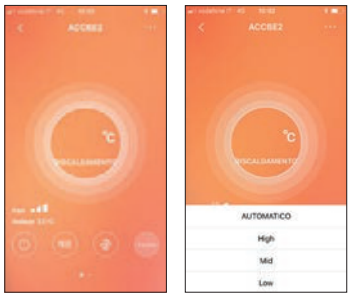
KIT SPLIT WIFI (B1016):
- Simple installation, no need for qualified staff

APP SPLIT WIFI:
- Available for iPhone, iPad, iPod with IOS 7.0 Operating System or later versions
- Available for Android smartphones with Android 4.0 Operating System or later versions
- Possibility of managing air conditioners via Wi-Fi
- Management of air conditions also when away from home
- All modes can be set: Heating, Cooling, Dehumidification, ventilation only, automatic
- "Special" functions can be set: Turbo, Vertical swing, Horizontal swing, Eco
- Environment temperature display
- Weekly timer with on time period, fixed mode and set points
- Available in Italian, English, French, Spanish, Portuguese and Greek

Special functions:
- Anti-freeze protection: if the environment temperature reaches 8°C, the air conditioner will activate
- Sleep setting: graphics for modification of the temperature set point for every time period over 24 hours



Air Conditioning Function



Heating Function

Timer Function

MODELS COMPATIBILITY TABLE

	KIT SPLIT WI-FI
Nexya S4 E inverter 9	x
Nexya S4 E inverter 12	x
Nexya S4 E inverter 18	x
Nexya S4 E inverter 24	x
Nexya S4 inverter commercial cassette 18	-
Nexya S4 inverter commercial cassette 24	-

	KIT SPLIT WI-FI
Nexya S4 inverter commercial duct 18	-
Nexya S4 inverter commercial duct 24	-
Nexya S4 E inverter multi parete 9	x
Nexya S4 E inverter multi parete 12	x
Nexya S4 E inverter multi cassette 12	-
Nexya S4 E inverter multi duct 9	-
Nexya S4 E inverter multi duct12	-

NEXYA® S4 E inverter NEW

FUNCTIONS

- **Fan only mode**
- **Dehumidification only mode**
- **Auto mode:** changes parameters depending on ambient temperature.
- **Sleep mode:** gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.

A++

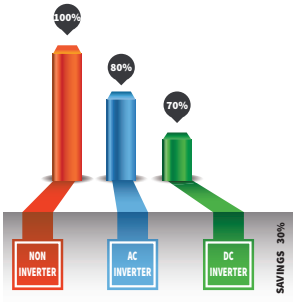
HIGH EFFICIENCY TECHNOLOGY

Class A++ in cooling,
Class A+ in heating

HEAT PUMP

Heat pump air conditioner. Thanks to this feature you can replace traditional heating in intermediate seasons or support it.

OLIMPIA SPLENDID'S INVERTER SYSTEM



REMOTE CONTROL

With the remote control you can set the desired comfort at the desired time.

R32 GAS ECO Friendly

ECOLOGICAL R32 GAS

New low environmental impact refrigerant GAS.

				NEXYA S4E INVERTER 9	NEXYA S4E INVERTER 12	NEXYA S4E INVERTER 18	NEXYA S4E INVERTER 24
				OS-C/SENEH09EI	OS-C/SENEH12EI	OS-C/SENEH18EI	OS-C/SENEH24EI
Design load (EN 14825)	Cooling	Pdesignc	kW	2,9	3,7	5,3	7,2
	Heating / Average	Pdesignh	kW	2,2	2,4	4,2	4,9
	Heating / Warmer	Pdesignh	kW	2,7	2,7	4,5	6,4
	Heating / Colder	Pdesignh	kW	-	-	-	-
Seasonal efficiency (En 14825)	Cooling	SEER		6,5	6,4	7,1	6,1
	Heating / Average	SCOP (A)		4,0	4,0	4,1	4,0
	Heating / Warmer	SCOP (W)		4,9	4,6	5,3	5,1
	Heating / Colder	SCOP (C)		3,2	-	-	-
	Energy efficiency class in cooling mode			A++	A++	A++	A++
	Energy efficiency class in heating mode INTERMEDIATE SEASON			A+	A+	A+	A+
	Energy efficiency class in heating mode WARMER SEASON			A++	A++	A+++	A+++
	Annual energy consumption in cooling mode	kWh/year		153	204	261	412
	Annual energy consumption in heating mode INTERMEDIATE SEASON	kWh/year		762	841	1444	1697
	Annual energy consumption in heating mode WARMER SEASON	kWh/year		758	837	1207	1784
	Output power in cooling mode (1) (min / rated / max)		kW	0.91/2.64/3.11	1.11/3.52/4.16	1.82/5.28/6.13	2.08/7.03/7.95
	Output power in heating mode (2) (min / rated / max)		kW	0.82/2.93/3.37	1.08/3.37/4.22	1.38/5.57/6.74	1.61/7.33/8.79
	Absorbed power in cooling mode (1) (min / rated / max)		kW	0.1/0.710/1.240	0.13/1.237/1.580	0.14/1.921/2.360	0.16/2.345/2.96
	Absorbed power in heating mode (2) (min / rated / max)		kW	0.12/0.739/1.2	0.100/0.908/1.580	0.2/1.546/2.410	0.26/2.035/3.14
	Current consumption in cooling mode (1) (min / rated / max)		A	0.4/3.1/5.4	0.5/5.37/6.9	0.6/8.4/10.3	0.7/10.2/13.3
	Current consumption in heating mode (2) (min / rated / max)		A	0.5/3.2/5.2	0.4/4.10/6.9	0.9/6.7/10.5	1.1/10.2/13.3
	EER (1) (rated)			3,64	3,1	3,5	2,83
	COP (2) (rated)			3,77	3,8	3,8	3,72
	Absorbed power in cooling mode		W	2400	2400	2400	2400
	Absorbed power in heating mode		W	2400	2400	2400	2400
INDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)	53	53	55	59
	Sound Pressure (min / rated / max speed)		dB(A)	40/30/26/21	40/34/26/22	44/37/30/25	44,5/42/34,5/28
	Air flow rate in cooling mode (max/med/min)		m³/h	520/460/340	600/500/360	840/680/540	980/817/662
	Air flow rate in heating mode(max/med/min)		m³/h	520/460/340	600/500/360	840/680/540	980/817/662
	Ventilation speed		giri/min	1030 / 850 / 700	1130 / 950 / 750	1130 / 900 / 800	1150 / 1000 / 850
	Degree of protection			IPX0	IPX0	IPX0	IPX0
	Dimensions (Width x H x Depth)		mm	805x285x194	805x285x194	957x302x213	1040x327x220
	Weight (without packaging)		Kg	7,5	7,5	10	12,3
OUTDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)	61	65	61	67
	Sound Pressure		dB(A)	55,5	58	55,5	59,5
	Air flow rate (max)		m³/h	1700	1700	2000	3000
	Ventilation speed			3	3	3	3
	Degree of protection			IP24	IP24	IP24	IP24
	Dimensions (Width x H x Depth)		mm	700x550x270	700x550x270	800x554x333	845x702x363
	Weight (without packaging)		Kg	22,7	22,8	34	51,5
	Dehumidification rate		l/h	1,0	1,0	1	1
	Diameter of tube in liquid connection line		inch - mm	1/4" - 6,35	1/4" - 6,35	1/4" - 6,35	3/8" - 9,52
	Diameter of tube in gas connection line		inch - mm	3/8" - 9,52	3/8" - 9,52	1/2" - 12,7	5/8" - 15,9
	Maximum pipe length		m	25	25	30	50
	Maximum difference in level		m	10	10	20	25
	Maximum operating pressure		MPa	4,3/1,7	4,3/1,7	4,6/1,7	4,3/1,7
	Refrigerant gas*		Tipo-Type	R-32	R-32	R-32	R-32
	Global warming potential	GWP	kgCO2 eq.	675	675	675	675
	Refrigerant gas charge	Kg		0,50	0,50	1,0	1,6

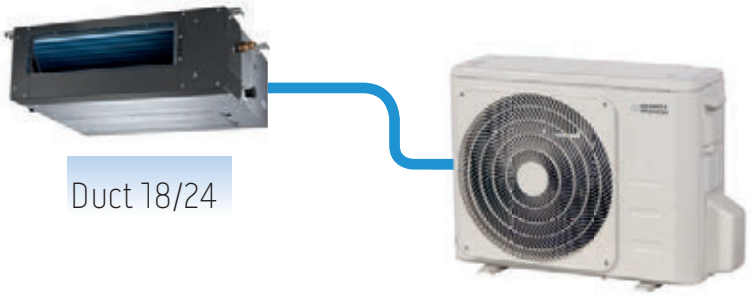
LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	Maximum temperature in cooling		DB 32°C - WB 26°C
	Minimum temperature in cooling		DB 17°C
	Maximum temperature in heating		DB 27°C
	Minimum temperature in heating		DB 17°C
Outdoor Ambient Temperature	Maximum temperature in cooling		DB 43°C - WB 32°C
	Minimum temperature in cooling		DB -15°C
	Maximum temperature in heating		DB 24°C - WB 18°C
	Minimum temperature in heating		DB -15°C

(1) TEST CONDITIONS: data refers to regulation EN14511
Data declarated according to the UE Delegate Regulation 626/2011
(2) EER/COP in agreement with the regulation (EN-14511), declared only for the purpose of the tax deductions in effect at the time of this publication.
* hermetically sealed equipment containing fluorinated gas

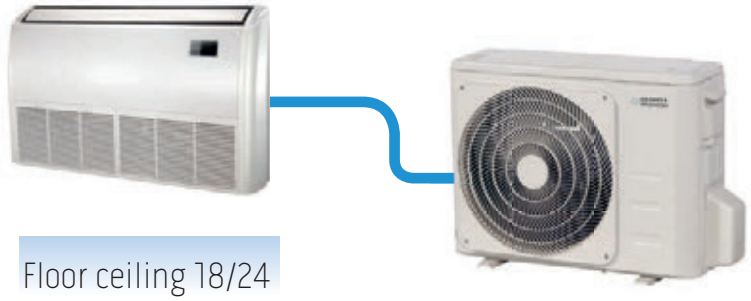
NEXYA® S4 inverter commercial

NEW



Duct 18/24

Cassette 18/24



Floor ceiling 18/24

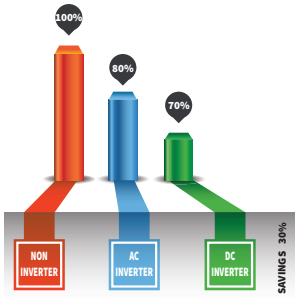
FEATURES

Two power models
Combination and installation flexibility: duct, cassette, floor ceiling
Condensate pump (standard on Duct 18/24 models)
On/Off switch (standard on Duct 18/24 models)
Refrigerant gas R410A*
Timer 24h

FUNCTIONS

- **Fan only mode**
- **Dehumidification only mode**
- **Auto mode:** changes parameters depending on ambient temperature.
- **Sleep mode:** gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.

OLIMPIA SPLENDID'S INVERTER SYSTEM



HEAT PUMP

Heat pump air conditioner. Thanks to this feature you can replace traditional heating in intermediate seasons or support it.

R410A GAS

GAS R410A

* hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

					NEXYA® S4 COMMERCIAL CASSETTE 18	NEXYA® S4 COMMERCIAL CASSETTE 24	NEXYA® S4 COMMERCIAL DUCT 18	NEXYA® S4 COMMERCIAL DUCT 24	NEXYA® S4 COMMERCIAL FLOOR-CL 18	NEXYA® S4 COMMERCIAL FLOOR-CL 24
	Product code				OS-CECEH18EI+ OS-SECPH18EI	OS-CECEH24EI + OS-SECPH24EI	OS-CECEH18EI + OS-SEMPH18EI	OS-CECEH24EI + OS-SEMPH24EI	OS-CECEH18EI + OS-SEFPH18EI	OS-CECEH24EI + OS-SEFPH24EI
Design load (EN 14825)	Cooling	Pdesignc	kW		5,3	7	5,3	7	5,3	7
	Heating / Average	Pdesignh	kW		4,9	5,8	4,7	5,8	4,9	5,8
	Heating / Warmer	Pdesignh	kW		5	5,6	5	5,6	5,2	5,6
Seasonal efficiency (En 14825)	Cooling	SEER			6,3	6,1	6,5	6,1	6,5	6,1
	Heating / Average	SCOP (A)			4	4	4	4	4	4
	Heating / Warmer	SCOP (W)			5,1	5,1	5,1	5,1	5,1	5,1
	Energy efficiency class in cooling mode				A++	A++	A++	A++	A++	A++
	Energy efficiency class in heating mode INTERMEDIATE SEASON				A+	A+	A+	A+	A+	A+
	Energy efficiency class in heating mode WARMER SEASON				A+++	A+++	A+++	A+++	A+++	A+++
	Annual energy consumption in cooling mode		kWh/annum		294	402	285	402	285	402
	Annual energy consumption in heating mode INTERMEDIATE SEASON		kWh/annum		1715	2030	1645	2030	1715	2030
	Annual energy consumption in heating mode WARMER SEASON		kWh/annum		1373	1537	1373	1537	1427	1537
	Output power in cooling mode (1) (min / rated / max)		kW		0,8/5,3/6,2	1.2/7.0/8.2	0.8/5.3/6.2	1.2/7.0/8.2	0.8/5.3/6.2	1.2/7.0/8.2
	Output power in heating mode (2) (min / rated / max)		kW		0,9/5,6/7,0	1.2/7.0/8.6	0.9/5.6/7.0	1.2/7.0/8.6	0.9/5.6/7.0	1.2/7.0/8.6
	Absorbed power in cooling mode (1) (min / rated / max)		kW		0,3/1,7/2,2	0.4/2.2/2.9	0.3/1.7/2.2	0.4/2.3/2.9	0.3/1.7/2.2	0.4/2.3/2.9
	Absorbed power in heating mode (2) (min / rated / max)		kW		0,3/1,5/2,2	0.4/1.9/2.9	0.3/1.5/2.2	0.4/1.9/2.9	0.3/1.5/2.2	0.4/1.9/2.9
	Current consumption in cooling mode (1) (min / rated / max)		A		1,2/7,7/10	1.8/9.9/14	1.2/7.7/10	1.8/10.4/14	1.2/7.7/10	1.8/10.4/14
	Current consumption in heating mode (2) (min / rated / max)		A		1,3/6,7/10	1.8/8.7/14	1.3/6.7/10	1.8/8.7/14	1.2/6.7/10	1.8/8.7/14
	Supply voltage		V-F-Hz		220-240 -1 - 50	220-240 -1 - 50	220-240 -1 - 50	220-240 -1 - 50	220-240 -1 - 50	220-240 -1 - 50
	Supply voltage (min / max)		V		198-253	198-264	198-264	198-264	198-264	198-264
	Max Power absorption in cooling mode (1)		W		2200	2950	2200	2950	2200	2950
	Max Power absorption in heating mode (1)		W		2200	2950	2200	2950	2200	2950
	Max absorption in cooling mode (1)		A		10	14	10	14	10	14
	Max absorption in heating mode (1)		A		10	14	10	14	10	14
INDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)		56	61	58	62	57	63
	Air flow rate in cooling mode (max/med/min)		m³/h		1000/800/700	1450/1250/1100	1050/900/780	1360/1200/970	700/800/900	1180/1050/850
	Air flow rate in heating mode(max/med/min)		m³/h		1000/800/701	1450/1250/1100	1050/900/780	1360/1200/970	700/800/900	1180/1050/850
	Ventilation speed				3	3	3	3	3	3
	Degree of protection				IPX0	IPX0	IPX0	IPX0	IPX0	IPX0
	Dimensions (Width x H x Depth)		mm		840x840x205	840x840x205	920x635x270	920x635x270	1068x675x235	1068x675x235
	Dimensions Frame (Width x H x Depth)		mm		950x950x55	950X950X55	-	-	-	-
	Weight (without packaging)		Kg		21,3	24	26,9	28	25,8	25
	Weight Frame(without packaging)		Kg		5	5	-	-	-	
OUTDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)		64	65	64	65	64	65
	Air flow rate (max)		m³/h		2100	2700	2100	2700	2100	2700
	Ventilation speed				1	1	1	1	1	1
	Degree of protection				IP24	IP24	IP24	IP24	IP24	IP24
	Dimensions (Width x H x Depth)		mm		800x554x333	845x702x363	800x554x333	845x702x363	800x554x333	845x702x363
	Weight (without packaging)		Kg		35,5	49	35,5	49	35,5	49
	Dehumidification rate		l/h		1,7	2,4	1,7	2,4	1,7	2,4
	Diameter of tube in liquid connection line		inch - mm		1/4 - 6.35	3/8 - 9,52	1/4 - 6.35	3/8 - 9,52	1/4 - 6.35	3/8 - 9,52
	Diameter of tube in gas connection line		inch - mm		1/2 - 12.7	5/8 - 15,9	1/2 - 12.7	5/8 - 15,9	1/2 - 12.7	5/8 - 15,9
	Maximum pipe length		m		30	50	30	50	30	50
	Maximum difference in level		m		20	25	20	25	20	25
	Maximum applied pressure high pressure side/low pressure side		MPa		4,2/1,5	4,2/1,5	4,2/1,5	4,2/1,5	4,2/1,5	4,2/1,5
	Refrigerant gas*		Tipo-Type		R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
	Global warming potential	GWP	kgCO2 eq.		2088	2088	2088	2088	2088	2088
	Refrigerant gas charge		kg		1,48	1,95	1,48	1,95	1,48	1,95
	Additional refrigerant gas charge (beyond 5m long tube)		g/m		15	30	15	30	15	30
	Maximum remote control range (distance/ angle)		m / °		8 m / 120°	8 m / 120°	comando a parete a filo	comando a parete a filo	8 m / 120°	8 m / 120°

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Tempera-ture	Maximum temperature in cooling	DB 32°C - WB 26°C
	Minimum temperature in cooling	DB 17°C
	Maximum temperature in heating	DB 27°C
	Minimum temperature in heating	DB 17°C
Outdoor Ambient Tempera-ture	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB -15°C
	Maximum temperature in heating	DB 24°C - WB 18°C
	Minimum temperature in heating	DB -15°C

(1) TEST CONDITIONS: data refers to regulation EN14511

Data declarated according to the UE Delegate Regulation 626/2011

* hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

NEXYA® S4 E inverter multi

NEW

FUNCTIONS

- **Fan only mode**
- **Dehumidification only mode**
- **Auto mode:** changes parameters depending on ambient temperature.
- **Sleep mode:** gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.

MULTISPLIT SELECTION:

The Nexya Multi is a stackable system: mixed systems can be designed by using wall units, ducted units or cassette units, and by choosing the right size depending on the thermal load of the system.

Wi Fi Ready

WI-FI Ready only for model 9/12

A+

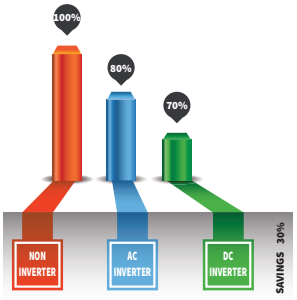
HIGH EFFICIENCY TECHNOLOGY

Class A++ in cooling,
Class A+ in heating

MULTISPLIT

Nexya S4E is available in the versions: dual, trial, quadri and penta, to air-condition up to four rooms by using only one outside motor.

OLIMPIA SPLENDID'S INVERTER SYSTEM



WARM SYSTEM

Heat pump air conditioner. Thanks to this feature you can replace traditional heating in intermediate seasons or support it.

R32 GAS ECO Friendly

ECOLOGICAL R32 GAS

New low environmental impact refrigerant GAS. (unless Nexya S4 dual inverter 18).

			NEXYA S4 DUAL INVERTER 18	NEXYA S4E DUAL INVERTER 21	NEXYA S4E TRIAL INVERTER 26	NEXYA S4E QUADRI INVERTER 36	NEXYA S4E PENTA INVERTER 42
	Product code		OS-CEMEH18EI	OS-CEMEH21EI	OS-CEMEH26EI	OS-CEMEH36EI	OS-CEMEH42EI
OUTDOOR UNIT*	Cooling capacity (min/mid/max)	kW	1,8 - 4,9 - 5,2	2,15 - 5,38 - 6,5	12,82 - 8,05 - 8,86	3,72 -1 0,62 - 13,81	4,22 - 12,41 - 14,13
	Cooling	Pdesignc	4,1	5,38	8,05	10,62	12,41
	SEER		5,6	5,9	6,1	6,1	6,1
	Energy efficiency class in cooling		A+	A+	A++	A++	A+
	Cooling capacity (min/mid/max)	kW	2,23 - 5,57 - 6,74	2,87 - 8,20 - 9,02	2,87 - 8,79 - 10,11	3,89 - 11,10 - 13,82	4,18 - 12,30 - 14,94
	Heating	Pdesignh	3,4	5,05	5,59	9,00	9,20
	SCOP		3,4	3,9	3,8	3,9	3,6
	Energy efficiency class in heating		A	A	A	A	A
	Annual Energy consumption in cooling	kWh/year	256	319	460	595	711
	Annual Energy consumption in heating (middle season)	kWh/year	1253	1822	2035	3231	3618
	Dimensions (L x D x H)	mm	800 x 333 x 554	800 x 333 x 554	845 x 363 x 702	946 x 410 x 810	946 x 410 x 810
	Air flow rate (max)	m^3/h	2100	2200	2700	4000	3850
	Diameter of tube in liquid connection line	inch/mm	1/4 - 6,35	1/4 - 6,35	1/4 - 6,35	1/4 - 6,35	1/4 - 6,35
	Diameter of tube in gas connection line	inch/mm	3/8 - 9,52	3/8 - 9,52	3/8 - 9,52	3x3/8 - 9,53 + 1x1/2 -12,7*	4x3/8 - 9,52 + 1x1/2 -12,7 *
	Sound power level	dB (A)	60	63	65	67	69
	Weight (without packaging)	kg	31	36	53	69	73
Refrigerant piping	Refrigerant gas*	Type	R410A	R32	R32	R32	R32
	Global warming potential	GWP	2088	675	675	675	675
	Refrigerant gas charge	Kg	1,25	1,3	1,6	2,1	2,4
	Maximum total length	m	40	40	60	80	80
	Maximum length to each outdoor unit	m	25	25	30	35	35
	Maximum difference in height between indoor and outdoor unit	m	15	15	15	15	15
	Maximum difference in height between outdoor units	m	10	10	10	10	10

* 1 tubes adaptor included in the packaging

			PARETE		CASSETTE	DUCT	
			9	12	12	9	12
INDOOR UNIT*	Product code		OS-SENEH09EI	OS-SENEH12EI	OS-SECPH12EI	OS-SEDDH09EI	OS-SEDDH12EI
	Dimensions (Width x H x Depth)	mm	805x285x194	805x285x194	570x260x570	700x200x450	700x200x450
	Dimensions finishing panel (Larg. x Alt. x Prof.)	mm	-	-	647x50x647	-	-
	Air flow rate (max/med/min)	m^3/h	520/460/330	600/500/360	650/530/450	600/480/300	600/480/300
	Diameter of tube in liquid connection line	inch/mm	1/4 - 6,35	1/4 - 6,35	1/4 - 6,35	1/4 - 6,35	1/4 - 6,35
	Diameter of tube in gas connection line	inch/mm	3/8 - 9,52	3/8 - 9,52	3/8 - 9,52	3/8 - 9,52	3/8 - 9,52
	Sound power (EN 12102)	dB (A)	53	53	56	59	59
	Sound Pressure (min - max)	dB (A)	26/30/40	26/34/40	34/38/42	25,5/34,5/40	25,5/34,5/40
	Weight	kg	7,5	7,5	14,5	18	18
	Remote control type		Remote controller	Remote controller	Remote controller	Wall control	Wall control

	CONDIZIONI LIMITE DI FUNZIONAMENTO	
Indoor Ambient Temperature	Maximum full operating temperatures in cooling	DB 32° C - WB 23°C
	Minimum full operating temperatures in cooling	DB 23° C
	Maximum full operating temperatures in heating	DB 30° C
	Minimum full operating temperatures in heating	-
Outdoor Ambient Temperature	Maximum full operating temperatures in cooling	DB 50° C
	Minimum full operating temperatures in cooling	DB - 15° C
	Maximum full operating temperatures in heating	DB 24° C - WB 18°C
	Minimum full operating temperatures in heating	DB - 15° C

(1) TEST CONDITIONS: data refers to regulation EN14511
Data declarated according to the UE Delegate Regulation 626/2011

NEXYA® S4 E inverter multi

NEXYA® S4E DUAL INVERTER 18

IN COOLING		Power yield (kW)					Power absorbed (kW)		
	UI Combinations	By environment (kW)		Totale (kW)					
		Ambient A	Ambient B	minimal	nominal	maximum	minimal	nominal	maximum
DUAL	9+9	2,05	2,05	1,80	4,10	4,54	0,43	1,36	1,43
	9+12	2,10	2,30	1,80	4,40	4,54	0,43	1,38	1,43

IN HEATING		Power yield (kW)					Power absorbed (kW)		
	UI Combinations	By environment (kW)		Totale (kW)					
		Ambient A	Ambient B	minimal	nominal	maximum	minimal	nominal	maximum
DUAL	9+9	2,60	2,60	1,89	5,20	4,87	0,39	1,35	1,33
	9+12	2,50	3,10	1,89	5,60	4,98	0,39	1,47	1,33

NEXYA® S4E DUAL INVERTER 21

IN COOLING		Power yield (kW)					Power absorbed (kW)		
	UI Combinations	By environment (kW)		Totale (kW)					
		Ambient A	Ambient B	minimal	nominal	maximum	minimal	nominal	maximum
2 AMBIENT	9+9	2,69	2,69	2,15	5,38	6,51	0,57	1,74	2,17
	9+12	2,31	3,09	2,15	5,40	6,51	0,57	1,74	2,17
	12+12	2,65	2,65	2,15	5,30	6,51	0,57	1,71	2,17

IN HEATING		Power yield (kW)					Power absorbed (kW)		
	UI Combinations	By environment (kW)		Totale (kW)					
		Ambient A	Ambient B	minimal	nominal	maximum	minimal	nominal	maximum
2 AMBIENT	9+9	2,79	2,79	2,23	5,57	6,74	0,49	1,45	1,96
	9+12	2,40	3,20	2,23	5,60	6,74	0,49	1,46	1,96
	12+12	2,83	2,83	2,23	5,65	6,74	0,49	1,47	1,96

NEXYA® S4E TRIAL INVERTER 26

IN COOLING		Power yield (kW)						Power absorbed (kW)		
	UI Combinations	By environment (kW)			Totale (kW)					
		Ambient A	Ambient B	Ambient C	minimal	nominal	maximum	minimal	nominal	maximum
3 AMBIENT	9+9+9	2,68	2,68	2,68	2,82	8,05	8,86	0,77	2,48	2,96
	9+9+12	2,43	2,43	3,24	2,82	8,10	8,86	0,77	2,51	2,96
	9+12+12	2,24	2,98	2,98	2,82	8,20	8,86	0,77	2,53	2,96
	12+12+12	2,75	2,75	2,75	2,82	8,25	8,86	0,77	2,55	2,96

IN HEATING		Power yield (kW)						Power absorbed (kW)		
	UI Combinations	By environment (kW)			Totale (kW)					
		Ambient A	Ambient B	Ambient C	minimal	nominal	maximum	minimal	nominal	maximum
3 AMBIENT	9+9+9	2,73	2,73	2,73	2,87	8,20	9,02	0,70	2,25	2,67
	9+9+12	2,49	2,49	3,32	2,87	8,30	9,02	0,70	2,27	2,67
	9+12+12	2,26	3,02	3,02	2,87	8,30	9,02	0,70	2,26	2,67
	12+12+12	2,77	2,77	2,77	2,87	8,30	9,02	0,70	2,26	2,67

NEXYA® S4E QUADRI INVERTER 36

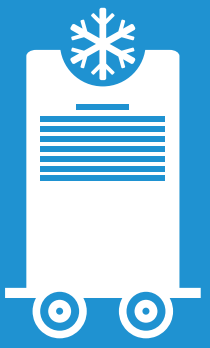
IN COOLING		Power yield (kW)							Power absorbed (kW)		
	UI Combinations	By environment (kW)				Totale (kW)					
		Ambient A	Ambient B	Ambient C	Ambient D	minimal	nominal	maximum	minimal	nominal	maximum
4 AMBIENT	9+9+9+9	2,66	2,66	2,66	2,66	3,72	10,62	13,81	0,91	3,35	4,09
	9+9+9+12	2,45	2,45	2,45	3,27	3,72	10,62	13,81	0,91	3,36	4,09
	9+9+12+12	2,28	2,28	3,03	3,03	3,72	10,62	13,81	0,91	3,36	4,09
	12+12+12+12	2,12	2,83	2,83	2,83	3,72	10,62	13,81	0,91	3,36	4,09

IN HEATING		Power yield (kW)							Power absorbed (kW)		
	UI Combinations	By environment (kW)				Totale (kW)					
		Ambient A	Ambient B	Ambient C	Ambient D	minimal	nominal	maximum	minimal	nominal	maximum
4 AMBIENT	9+9+9+9	2,78	2,78	2,78	2,78	3,89	11,10	13,32	0,82	3,03	3,94
	9+9+9+12	2,56	2,56	2,56	3,42	3,89	11,10	13,32	0,82	3,03	3,94
	9+9+12+12	2,38	2,38	3,17	3,17	3,89	11,10	13,32	0,82	3,03	3,94
	12+12+12+12	2,22	2,96	2,96	2,96	3,89	11,10	13,32	0,82	3,03	3,94

NEXYA® S4 E PENTA INVERTER 42

IN COOLING		Power yield (kW)								Power absorbed		
	UI Combinations	By environment (kW)					Totale (kW)			(kW)		
		Ambient A	Ambient B	Ambient C	Ambient D	Ambient E	minimal	nominal	maximum	minimal	nominal	maximum
5 AMBIENT	9+9+9+9+9	2,48	2,48	2,48	2,48	2,48	4,22	12,41	14,13	1,16	4,30	5,15
	9+9+9+9+12	2,33	2,33	2,33	2,33	3,10	4,22	12,41	14,13	1,16	4,30	5,15
	9+9+9+12+12	2,19	2,19	2,19	2,92	2,92	4,22	12,41	14,13	1,16	4,32	5,15
	9+9+12+12+12	2,07	2,07	2,76	2,76	2,76	4,22	12,41	14,13	1,16	4,32	5,15
	9+12+12+12+12	1,96	2,61	2,61	2,61	2,61	4,22	12,41	14,13	1,16	4,34	5,15
	12+12+12+12+12	-	-	-	-	-	-	-	-	-	-	-

IN HEATING		Power yield (kW)								Power absorbed		
	UI Combinations	By environment (kW)					Totale (kW)			(kW)		
		Ambient A	Ambient B	Ambient C	Ambient D	Ambient E	minimal	nominal	maximum	minimal	nominal	maximum
5 AMBIENT	9+9+9+9+9	2,46	2,46	2,46	2,46	2,46	4,18	12,30	14,94	0,89	3,30	4,12
	9+9+9+9+12	2,31	2,31	2,31	2,31	3,08	4,18	12,30	14,94	0,89	3,30	4,12
	9+9+9+12+12	2,17	2,17	2,17	2,89	2,89	4,18	12,30	14,94	0,89	3,25	4,12
	9+9+12+12+12	2,05	2,05	2,73	2,73	2,73	4,18	12,30	14,94	0,89	3,25	4,12
	9+12+12+12+12	1,94	2,59	2,59	2,59	2,59	4,18	12,30	14,94	0,89	3,21	4,12
	12+12+12+12+12	-	-	-	-	-	-	-	-	-	-	-



PORTABLE AIR CONDITIONERS

DOLCECLIMA® compact 8

DOLCECLIMA COMPACT 8 Cod. 01799

Italian Design by
Sebastiano Ercoli & Alessandro Garlandini

FEATURES

Cooling capacity: 8.000 BTU / h[1]
Nominal cooling capacity: 2,1 kW[2]
Energy Class: A
Sound power: dB (A)63
Rated energy efficiency index: EER 2.6[2]
Refrigerant gas: R410A[3]
No tank: automatic condensation disposal
Multifunction remote control
LCD Display
Timer 12h
Practical side handles
Wheels

FUNCTIONS

Fan mode:
Adjustable 2 fan speed. Fan only mode can also be used.
Dehumidification mode
Auto mode: automatic operation which regulates cooling in relation to the ambient temperature to optimize energy consumption.
Sleep mode: gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.
Turbo mode:
Maximum fan speed.
Extra cool.

COMPACT TECHNOLOGY
Space savings: only 70 cm height and 35 cm width.

REMOTE CONTROL
With user-friendly remote control, for an easy and quick setting of all functions.

ROTATING CASTORS
Practical rotating castors for easier transferring.

(1) 35°C/80%UR
(2) In accordance with regulation EN14511
(3) Hermetically sealed equipment containing fluorinated gas

			DOLCECLIMA COMPACT 8
EAN			8021183017991
Product code			01799
Rated output power for cooling (1)	P rated	kW	2,1
Maximum cooling capacity (35°C / 80%UR)		BTU/h	8000
Rated power input for cooling (1)	PEER	kW	0,81
Nominal absorption in cooling mode (1)		A	3,90
Rated efficiency energy ratio (1)	EERd		2,6
Energy Efficiency Class in cooling mode (1)			A
Thermostat off mode power consumption	POFF	W	129,0
Standby mode power consumption (EN 62301)	PSB	W	0,5
Hourly electricity consumption for single duct (1) cooling mode	QSD	kWh/h	0,8
Power supply		V-F-Hz	220-240-1-50
Power supply min / max		V	198 / 264
Power absorption in cooling mode (1)		W	1100
Maximum absorption in cooling mode (1)		A	5,80
Dehumidification capacity		l/h	1,0
Room air volume (max/med/min)		m³/h	300 / - / 270
Outdoor air volume		m³/h	445 / 340
Fan speeds			2
Flexible pipe (lenght x diameter)		mm	1500 x 150
Maximun remote control range (distance / angle)		m / °	8 / ±80°
Dimensions (W x H x D) (without packaging)		mm	345 x 355 x 703
Dimensions (W x H x D) (with packaging)		mm	377 x 402 x 877
Weight (without packing)		kg	23,2
Weight (with packing)		kg	28
Sound pressure level (6)		dB(A) min-max	47 - 49
Sound power level (indoor only) (EN 12102)	LWA	dB(A)	63
Protection level			IP 10
Refrigerant gas*		Type	R410A
Global warming potential of refrigerant	GWP	kgCO2 eq.	2088
Refrigerant gas charge		kg	0,30
Maximum operating pressure		MPa	4,20
Maximum operating pressure (low pressure side)		MPa	1,50

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	Maximum temperature in cooling	DB 35°C - WB 32°C
	Minimum temperature in cooling	DB 16°C
Outdoor Ambient Temperature	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB 18°C - WB 16°C

(1) TEST CONDITIONS: data refers to regulation EN14511
*Hermetically sealed equipment containing fluorinated gas
Is included a flexible duct to exhaust the air (ø 150 mm, lenght 1,5 m)

DOLCECLIMA® compact

DOLCECLIMA COMPACT Cod. 01597

Italian Design by
Sebastiano Ercoli & Alessandro Garlandini

FEATURES

Cooling capacity: 9.000 BTU / h(1)
Nominal cooling capacity: 2,3 kW(2)
Energy Class: A
Sound power: dB (A)63
Rated energy efficiency index: EER 2.65(2)
Refrigerant gas: R410A(3)
No tank: automatic condensation disposal
Multifunction remote control
LCD Display
Timer 12h
Practical side handles
Wheels

FUNCTIONS

Fan mode:
Adjustable 2 fan speed. Fan only mode can also be used.
Dehumidification mode
Auto mode: automatic operation which regulates cooling in relation to the ambient temperature to optimize energy consumption.
Sleep mode: gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.
Turbo mode:
Maximum fan speed.
Extra cool.

COMPACT TECHNOLOGY
Space savings: only 70 cm height and 35 cm width.

REMOTE CONTROL
With user-friendly remote control, for an easy and quick setting of all functions.

ROTATING CASTORS
Practical rotating castors for easier transferring.

(1) 35°C/80%UR
(2) In accordance with regulation EN14511
(3) Hermetically sealed equipment containing fluorinated gas

			DOLCECLIMA COMPACT
EAN			8021183015973
Product code			01597
Rated output power for cooling (1)	P rated	kW	2,3
Maximum cooling capacity (35°C / 80%UR)		BTU/h	9000
Rated power input for cooling (1)	PEER	kW	0,88
Nominal absorption in cooling mode (1)		A	4,30
Rated efficiency energy ratio (1)	EERd		2,6
Energy Efficiency Class in cooling mode (1)			A
Thermostat off mode power consumption	POFF	W	129,0
Standby mode power consumption (EN 62301)	PSB	W	0,5
Hourly electricity consumption for single duct (1) cooling mode	QSD	kWh/h	1,0
Power supply		V-F-Hz	220-240-1-50
Power supply min / max		V	198 / 264
Power absorption in cooling mode (1)		W	1100
Maximum absorption in cooling mode (1)		A	5,80
Dehumidification capacity		l/h	1,0
Room air volume (max/med/min)		m³/h	300 / - / 270
Outdoor air volume		m³/h	445 / 340
Fan speeds			2
Flexible pipe (lenght x diameter)		mm	1500 x 150
Maximun remote control range (distance / angle)		m / °	8 / ±80°
Dimensions (W x H x D) (without packaging)		mm	345 x 355 x 703
Dimensions (W x H x D) (with packaging)		mm	377 x 402 x 877
Weight (without packing)		kg	23,2
Weight (with packing)		kg	28
Sound pressure level (6)		dB(A) min-max	47 - 49
Sound power level (indoor only) (EN 12102)	LWA	dB(A)	63
Protection level			IP 10
Refrigerant gas*		Type	R410A
Global warming potential of refrigerant	GWP	kgCO2 eq.	2088
Refrigerant gas charge		kg	0,30
Maximum operating pressure		MPa	4,20
Maximum operating pressure (low pressure side)		MPa	1,50

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	Maximum temperature in cooling	DB 35°C - WB 32°C
	Minimum temperature in cooling	DB 16°C
Outdoor Ambient Temperature	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB 18°C - WB 16°C

(1) TEST CONDITIONS: data refers to regulation EN14511
*Hermetically sealed equipment containing fluorinated gas
Is included a flexible duct to exhaust the air (ø 150 mm, lenght 1,5 m)

DOLCECLIMA® nano silent

DOLCECLIMA NANOSILENT Cod. 01598

Italian Design by
Sebastiano Ercoli e Alessandro Garlandini

FEATURES

Cooling capacity: 8.500 BTU/h(3)
Nominal cooling capacity: 2,10 kW(4)
Energy Class: A
Sound power: dB (A)61
Rated energy efficiency index: EER 2,65(4)
Refrigerant gas: R410A(5)
No tank: automatic condensation disposal
Multifunction remote control
LCD Display
Timer 12h
Triple filtration system(6)
Practical side handles
Wheels

FUNCTIONS

Fan mode:
Adjustable 2 fan speed. Fan only mode can also be used.
Dehumidification mode
Auto mode: automatic operation which regulates cooling in relation to the ambient temperature to optimize energy consumption.
Sleep mode: gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.
Turbo mode:
Maximum fan speed.
Extra cool.

COMPACT TECHNOLOGY

Space savings of 25%(1) compared to a traditional portable device with a height of 64 cm and a depth of 35 cm.

REMOTE CONTROL

Multifunction remote control.

ULTRA LIGHT TECHNOLOGY

Only 23 kg: Maximum transportability thanks to side handles and rotating castors.

GOODNIGHT SLEEP

PURE SYSTEM 3

Triple filtration system for cleaner air:
- Activated carbon filter
- HEPA filter
- Photo catalytic filter

(1) Internal laboratory tests on traditional Olimpia Splendid range.
(2) Declaration of test data in a semi anechoic chamber at a distance of 2m, minimum pressure fan only.
(3) 35°C/80%UR
(4) In accordance with regulation EN14511
(5) Hermetically sealed equipment containing fluorinated gas
(6) Two of the three filters provided can be installed at the same time

			DOLCECLIMA® NANO SILENT
EAN			8021183015980
Product code			01598
Rated output power for cooling (1)	P rated	kW	2,1
Maximum cooling capacity (35°C / 80%UR)		BTU/h	8500
Rated power input for cooling (1)	PEER	kW	0,8
Nominal absorption in cooling mode (1)		A	3,5
Rated efficiency energy ratio (1)	EERd		2,6
Energy Efficiency Class in cooling mode (1)			A
Thermostat off mode power consumption	POFF	W	22,0
Standby mode power consumption (EN 62301)	PSB	W	1,0
Hourly electricity consumption for single duct (1) cooling mode	QSD	kWh/h	0,8
Power supply		V-F-Hz	230-1-50
Power supply min / max		V	198 / 264
Power absorption in cooling mode (1)		W	790
Maximum absorption in cooling mode (1)		A	3,51
Dehumidification capacity		l/h	0,9
Room air volume (max/med/min)		m³/h	300 / 210 / 170
Outdoor air volume		m³/h	440
Fan speeds			3
Flexible pipe (lenght x diameter)		mm	1500 x 120
Maximun remote control range (distance / angle)		m / °	8 / ±80°
Dimensions (W x H x D) (without packaging)		mm	450 x 635 x 365
Dimensions (W x H x D) (with packaging)		mm	500 x 775 x 400
Weight (without packing)		Kg	23
Weight (with packing)		Kg	25
Sound power level (indoor only) (EN 12102)	LWA	dB(A)	61
Sound pressure level (6)		dB(A)	38-48
Protection level			IP 10
Refrigerant gas*		Tipo	R410A
Global warming potential of refrigerant	GWP	kgCO2 eq.	2088
Refrigerant gas charge		kg	0,25
Maximum operating pressure		MPa	4,15
Power cable (N° pole x section mm²)			3 x 1,5
Fuse			10AT

	LIMITS OF OPERATING CONDITIONS	
Indoor Ambient Temperature	Maximum temperature in cooling	DB 35°C - WB 32°C
	Minimum temperature in cooling	DB 16°C
Outdoor Ambient Temperature	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB 18°C - WB 16°C

(1) TEST CONDITIONS: data refers to regulation EN14511
*Hermetically sealed equipment containing fluorinated gas
Is included a flexible duct to exhaust the air (ø 150 mm, lenght 1,5 m)

DOLCECLIMA® **Nano** silent **N**

DOLCECLIMA NANO SILENT N Code 01696

FEATURES

Cooling capacity: 8.500 BTU/h[1]
Nominal cooling capacity: 2,1 kW[2]
Energy Class: A
Sound power: dB (A)61
Rated energy efficiency index: EER 2,65[2]
Refrigerant gas: R410A[5]
No tank: automatic condensation disposal
Multifunction remote control
LCD Display
Timer 12h
Adjustable fins: to direct airflow wherever you want
Triple filtration system [6]
Practical side handles
Wheels

FUNCTIONS

Fan mode:
Adjustable 3 fan speed. Fan only mode can also be used.
Dehumidification mode
Auto mode: automatic operation which regulates cooling in relation to the ambient temperature to optimize energy consumption.
Sleep mode: gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.
Turbo mode:
Maximum fan speed.
Extra cool.

COMPACT TECHNOLOGY
Space savings of 25%[3] compared to a traditional portable device with a height of 64 cm and a depth of 35 cm.

REMOTE CONTROL
Multifunction remote control.

ULTRA LIGHT TECHNOLOGY
Only 23 kg: Maximum transportability thanks to side handles and rotating castors.

GOODNIGHT SLEEP
Up to 10%[3] quieter at minimum speed. Sound pressure only 38 dB (A)[4].

PURE SYSTEM 3
Triple filtration system for cleaner air:
- Activated carbon filter
- HEPA filter
- Photo catalytic filter

(1) 35°C/80%UR
(2) In accordance with regulation EN14511
(3) Internal laboratory tests on traditional Olimpia Splendid range
(4) Declaration of test data in a semi anechoic chamber at a distance of 2m, minimum pressure fan only
(5) Hermetically sealed equipment containing fluorinated gas
(6) Two of the three filters are intended to be installed separately

			DOLCECLIMA® NANO SILENT N
Product code			01696
Rated output power for cooling (1)	P rated	kW	2,1
Maximum cooling capacity (35°C / 80%UR)		BTU/h	8500
Rated power input for cooling (1)	PEER	kW	0,8
Nominal absorption in cooling mode (1)		A	3,5
Rated efficiency energy ratio (1)	EERd		2,6
Energy Efficiency Class in cooling mode (1)			A
Thermostat off mode power consumption	POFF	W	22
Standby mode power consumption (EN 62301)	PSB	W	1,0
Hourly electricity consumption for single duct (1) cooling mode	QSD	kWh/h	0,8
Power supply		V-F-Hz	230-1-50
Power supply min / max		V	198 / 264
Power absorption in cooling mode (1)		W	790
Maximum absorption in cooling mode (1)		A	3,51
Dehumidification capacity		l/h	0,9
Room air volume (max/med/min)		m³/h	300 / 210 / 170
Outdoor air volume		m³/h	440
Fan speeds			3
Flexible pipe (lenght x diameter)		mm	1500 x 120
Maximun remote control range (distance / angle)		m / °	8 / ±80°
Dimensions (W x H x D) (without packaging)		mm	450 x 635 x 365
Dimensions (W x H x D) (with packaging)		mm	500 x 775 x 400
Weight (without packing)		Kg	23
Weight (with packing)		Kg	25
Sound power level (indoor only) (EN 12102)	LWA	dB(A)	61
Sound pressure level (6)		dB(A)	38-48
Protection level			IP 10
Refrigerant gas*		Tipo	R410A
Global warming potential of refrigerant	GWP	kgCO2 eq.	2088
Refrigerant gas charge		kg	0,25
Maximum operating pressure		MPa	4,15
Power cable (N° pole x section mm²)			3 x 1,5
Fuse			10AT

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	Maximum temperature in cooling	DB 35°C - WB 32°C
	Minimum temperature in cooling	DB 16°C
Outdoor Ambient Temperature	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB 18°C - WB 16°C

(1) TEST CONDITIONS: data refers to regulation EN14511
*Hermetically sealed equipment containing fluorinated gas
Is included a flexible duct to exhaust the air (ø 150 mm, lenght 1,5 m)

DOLCECLIMA® **silent 12**

DOLCECLIMA® SILENT 12 Code 01697

FEATURES

Cooling capacity: 12.000 BTU/h[3]
Nominal cooling capacity: 2,85 kW[4]
Energy Class: A
Sound power: dB (A)63
Rated energy efficiency index: EER 2,61[4]
Refrigerant gas: R410A[5]
No tank: automatic condensation disposal
Multifunction remote control
LCD Display
Timer 12h
Practical side handles
Wheels

FUNCTIONS

Fan mode:
Adjustable 3 fan speed. Fan only mode can also be used.
Dehumidification mode
Auto mode: automatic operation which regulates cooling in relation to the ambient temperature to optimize energy consumption.
Sleep mode: gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.
Turbo mode:
Maximum fan speed.
Extra cool.

METALLIC FINISHING
elegant finishing touch with silver metallic painting.

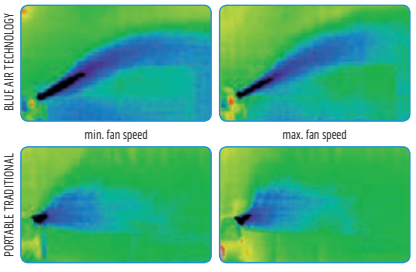
REMOTE CONTROL
Multifunction remote control.

CUBE POWER
The maximum in power combined with the maximum in efficiency: 2,85kW[2]

TOUCH DISPLAY
the most advanced technology in order to optimize the cooling performances.

SILENT SYSTEM
Up to 10%[1] quieter at minimum speed, with a sound pressure of only 38 dB(A)[2].

BLUE AIR TECHNOLOGY



(1) Internal laboratory tests on traditional Olimpia Splendid range
(2) Declaration of test data in a semi anechoic chamber at a distance of 2m, minimum pressure fan only
(3) 35°C/80%UR
(4) In accordance with regulation EN14511
(5) Hermetically sealed equipment containing fluorinated gas

			DOLCECLIMA® SILENT 12
Product code			01697
Rated output power for cooling (1)	P rated	kW	2,8
Maximum cooling capacity (35°C / 80%UR)		BTU/h	12000
Rated power input for cooling (1)	PEER	kW	1,1
Nominal absorption in cooling mode (1)		A	4,8
Rated efficiency energy ratio (1)	EERd		2,6
Energy Efficiency Class in cooling mode (1)			A
Thermostat off mode power consumption	POFF	W	19
Standby mode power consumption (EN 62301)	PSB	W	1,0
Hourly electricity consumption for single duct (1) cooling mode	QSD	kWh/h	1,1
Power supply		V-F-Hz	230-1-50
Power supply min / max		V	198 / 264
Power absorption in cooling mode (1)		W	1090
Maximum absorption in cooling mode (1)		A	4,82
Dehumidification capacity		l/h	1,1
Room air volume (max/med/min)		m³/h	410 / 345 / 255
Outdoor air volume		m³/h	440
Fan speeds			3
Flexible pipe (lenght x diameter)		mm	1500 x 120
Maximun remote control range (distance / angle)		m / °	8 / ±80°
Dimensions (W x H x D) (without packaging)		mm	460 x 767 x 395
Dimensions (W x H x D) (with packaging)		mm	484 x 852 x 448
Weight (without packing)		Kg	30
Weight (with packing)		Kg	34
Sound power level (indoor only) (EN 12102)	LWA	dB(A)	63
Sound pressure level (6)		dB(A)	38-49
Protection level			IP 10
Refrigerant gas*		Type	R410A
Global warming potential of refrigerant	GWP	kgCO2 eq.	2088
Refrigerant gas charge		kg	0,51
Maximum operating pressure		MPa	3,60
Maximum operating pressure suction side		MPa	2,10
Power cable (N° pole x section mm²)			3 x 1,5
Fuse			10AT

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	Maximum temperature in cooling	DB 35°C - WB 32°C
	Minimum temperature in cooling	DB 16°C
Outdoor Ambient Temperature	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB 18°C - WB 16°C

(1) TEST CONDITIONS: data refers to regulation EN14511
*Hermetically sealed equipment containing fluorinated gas
Is included a flexible duct to exhaust the air (ø 150 mm, lenght 1,5 m)

DOLCECLIMA® **silent 11** A+

DOLCECLIMA® SILENT 11 A+ Code 01699

FEATURES

Cooling capacity: 11.000 BTU/h[3]
Nominal cooling capacity: 2,6 kW[4]
Energy Class: A+
Sound power: dB (A)61
Rated energy efficiency index: EER 3,1[4]
Refrigerant gas: R410A[5]
No tank: automatic condensation disposal
Multifunction remote control
LCD Display
Timer 12h
Practical side handles
Wheels

FUNCTIONS

Fan mode:
Adjustable 3 fan speed. Fan only mode can also be used.
Dehumidification mode
Auto mode: automatic operation which regulates cooling in relation to the ambient temperature to optimize energy consumption.
Sleep mode: gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.
Turbo mode:
Maximum fan speed.
Extra cool.

SILENT SYSTEM
Up to 10%[1] quieter at minimum speed, with a sound pressure of only 38 dB(A)[2].

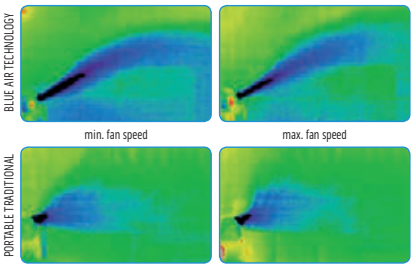
REMOTE CONTROL
Multifunction remote control.

GOODNIGHT SLEEP
Thanks to Silent System technology, it is also suitable for the bedroom.

HIGH EFFICIENCY TECHNOLOGY
Energy Class A+ and up to 15%[1] reduced consumption.

TOUCH DISPLAY
the most advanced technology in order to optimize the cooling performances.

BLUE AIR TECHNOLOGY



(1) Internal laboratory tests on traditional Olimpia Splendid range
(2) Declaration of test data in a semi anechoic chamber at a distance of 2m, minimum pressure fan only
(3) 35°C/80%UR
(4) In accordance with regulation EN14511
(5) Hermetically sealed equipment containing fluorinated gas

			DOLCECLIMA® SILENT 11 A+
Product code			01699
Rated output power for cooling (1)	P rated	kW	2,6
Maximum cooling capacity (35°C / 80%UR)		BTU/h	11000
Rated power input for cooling (1)	PEER	kW	0,8
Nominal absorption in cooling mode (1)		A	3,7
Rated efficiency energy ratio (1)	EERd		3,1
Energy Efficiency Class in cooling mode (1)			A+
Thermostat off mode power consumption	POFF	W	29
Standby mode power consumption (EN 62301)	PSB	W	1,0
Hourly electricity consumption for single duct (1) cooling mode	QSD	kWh/h	0,8
Power supply		V-F-Hz	230-1-50
Power supply min / max		V	198 / 264
Power absorption in cooling mode (1)		W	865
Maximum absorption in cooling mode (1)		A	3,84
Dehumidification capacity		l/h	1,0
Room air volume (max/med/min)		m³/h	410 / 345 / 255
Outdoor air volume		m³/h	445 / 340
Fan speeds			3
Flexible pipe (lenght x diameter)		mm	1500 x 120
Maximun remote control range (distance / angle)		m / °	8 / ±80°
Dimensions (W x H x D) (without packaging)		mm	460 x 767 x 395
Dimensions (W x H x D) (with packaging)		mm	484 x 852 x 448
Weight (without packing)		Kg	29
Weight (with packing)		Kg	33
Sound power level (indoor only) (EN 12102)	LWA	dB(A)	61
Sound pressure level (6)		dB(A)	38-48
Protection level			IP 10
Refrigerant gas*		Type	R410A
Global warming potential of refrigerant	GWP	kgCO2 eq.	2088
Refrigerant gas charge		kg	0,35
Maximum operating pressure		MPa	3,60
Maximum operating pressure suction side		MPa	2,10
Power cable (N° pole x section mm²)			3 x 1,5
Fuse			10AT

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	Maximum temperature in cooling	DB 35°C - WB 32°C
	Minimum temperature in cooling	DB 16°C
Outdoor Ambient Temperature	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB 18°C - WB 16°C

(1) TEST CONDITIONS: data refers to regulation EN14511
*Hermetically sealed equipment containing fluorinated gas
Is included a flexible duct to exhaust the air (ø 150 mm, lenght 1,5 m)

DOLCECLIMA® silent 10

DOLCECLIMA SILENT 10 Code 01698

FEATURES

Cooling capacity: 10.000 BTU/h[3]
Nominal cooling capacity: 2,4 kW[4]
Energy Class: A
Sound power: dB (A)61
Rated energy efficiency index: EER 2,7[4]
Refrigerant gas: R410A[5]
No tank: automatic condensation disposal
Multifunction remote control
LCD Display
Timer 12h
Practical side handles
Wheels

FUNCTIONS

Fan mode:
Adjustable 3 fan speed. Fan only mode can also be used.
Dehumidification mode
Auto mode: automatic operation which regulates cooling in relation to the ambient temperature to optimize energy consumption.
Sleep mode: gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.
Turbo mode:
Maximum fan speed.
Extra cool.

SILENT SYSTEM
Up to 10%[1] quieter at minimum speed, with a sound pressure of only 38 dB(A)[2].

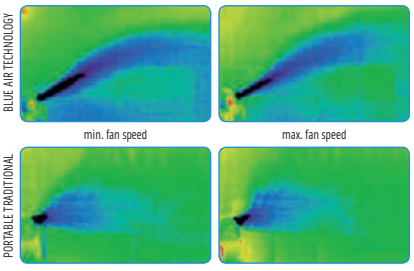
REMOTE CONTROL
Multifunction remote control.

TOTAL WHITE DESIGN
Essential design with white nuances, to perfectly fit in every home environment.

GOODNIGHT SLEEP

TOUCH DISPLAY
the most advanced technology in order to optimize the cooling performances.

BLUE AIR TECHNOLOGY



(1) Internal laboratory tests on traditional Olimpia Splendid range
(2) Declaration of test data in a semi anechoic chamber at a distance of 2m, minimum pressure fan only
(3) 35°C/80%UR
(4) In accordance with regulation EN14511
(5) Hermetically sealed equipment containing fluorinated gas

			DOLCECLIMA® SILENT 10
Product code			01698
Rated output power for cooling (1)	P rated	kW	2,4
Maximum cooling capacity (35°C / 80%UR)		BTU/h	10000
Rated power input for cooling (1)	PEER	kW	0,9
Nominal absorption in cooling mode (1)		A	3,9
Rated efficiency energy ratio (1)	EERd		2,7
Energy Efficiency Class in cooling mode (1)			A
Thermostat off mode power consumption	POFF	W	29
Standby mode power consumption (EN 62301)	PSB	W	1,0
Hourly electricity consumption for single duct (1) cooling mode	QSD	kWh/h	0,9
Power supply		V-F-Hz	230-1-50
Power supply min / max		V	198 / 264
Power absorption in cooling mode (1)		W	880
Maximum absorption in cooling mode (1)		A	3,9
Dehumidification capacity		l/h	1,0
Room air volume (max/med/min)		m³/h	410 / 345 / 255
Outdoor air volume		m³/h	430 / 340
Fan speeds			3
Flexible pipe (lenght x diameter)		mm	1500 x 120
Maximun remote control range (distance / angle)		m / °	8 / ±80°
Dimensions (W x H x D) (without packaging)		mm	460 x 767 x 395
Dimensions (W x H x D) (with packaging)		mm	484 x 852 x 448
Weight (without packing)		Kg	29
Weight (with packing)		Kg	33
Sound power level (indoor only) (EN 12102)	LWA	dB(A)	61
Sound pressure level (6)		dB(A)	38-48
Protection level			IP 10
Refrigerant gas*		Type	R410A
Global warming potential of refrigerant	GWP	kgCO2 eq.	2088
Refrigerant gas charge		kg	0,35
Maximum operating pressure		MPa	3,60
Maximum operating pressure suction side		MPa	2,10
Power cable (N° pole x section mm²)			3 x 1,5
Fuse			10AT

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	Maximum temperature in cooling	DB 35°C - WB 32°C
	Minimum temperature in cooling	DB 16°C
Outdoor Ambient Temperature	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB 18°C - WB 16°C

(1) TEST CONDITIONS: data refers to regulation EN14511
*Hermetically sealed equipment containing fluorinated gas
Is included a flexible duct to exhaust the air (ø 150 mm, lenght 1,5 m)

DOLCECLIMA® 10 hp

DOLCECLIMA 10 HP Code 01700

FEATURES

Cooling capacity: 10.000 BTU/h[1]
Nominal cooling capacity: 2,4 kW[2]
Energy Class: A++
Sound power: dB (A)62
Rated energy efficiency index: EER 2,7[2]
Rated coefficient of performance: COP 3,1[2]
Refrigerant gas: R410A[3]
Multifunction remote control
LCD Display
Timer 12h
Practical side handles
Wheels

FUNCTIONS

Fan mode:
Adjustable 3 fan speed. Fan only mode can also be used.

Dehumidification mode

Auto mode: automatic operation which regulates cooling in relation to the ambient temperature to optimize energy consumption.

Sleep mode: gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.

Turbo mode:
Maximum fan speed.
Extra cool.

A++

HIGH EFFICIENCY TECHNOLOGY

COP = 3,1[2]
Energy class A++ in heating
Energy class A in cooling.

REMOTE CONTROL

Multifunction remote control.

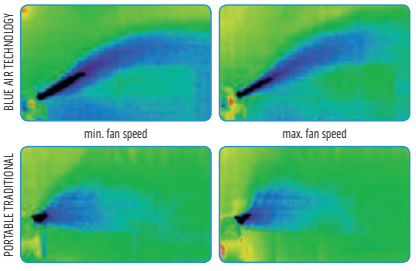
HEAT PUMP

Heat pump air conditioner. Thanks to this feature you can replace traditional heating in intermediate seasons or support it (in heat pump mode condensation drain is necessary).

TOUCH DISPLAY

the most advanced technology in order to optimize the cooling performances.

BLUE AIR TECHNOLOGY



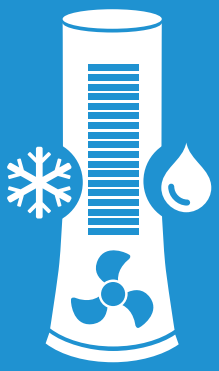
(1) 35°C/80%UR
(2) In accordance with regulation EN14511
(3) hermetically sealed equipment containing fluorinated gas

			DOLCECLIMA® 10 HP
Product code			01700
Rated cooling capacity (1)	P rated	kW	2,4
Maximum cooling capacity (35°C / 80%UR)		BTU/h	10000
Rated heating power (1)	P rated	kW	2,40
Maximum heating capacity (1)		BTU/h	9600
Rated absorbed power in cooling mode (1)	PEER	kW	0,90
Rated current in cooling mode (1)		A	3,90
Rated absorbed power in heating mode (1)	PCOP	kW	0,80
Rated current in heating mode (1)		A	3,44
Rated efficiency energy ratio (1)	EERd		2,7
Rated Coefficient of performance (1)	COPd		3,1
Energy efficiency class in cooling mode (1)			A
Energy efficiency class in heating mode (1)			A++
Thermostat off mode power consumption	POFF	W	29
Standby mode power consumption (EN 62301)	PSB	W	1,0
Hourly electricity consumption for single duct(1) cooling function	QSD	kWh/h	0,9
Hourly electricity consumption for single duct(1) heating function	QSD	kWh/h	0,8
Power supply voltage		V-F-Hz	230-1-50
Minimum/maximum power supply voltage		V	198 / 264
Maximum absorbed power in cooling mode (1)		W	880
Maximum current absorption in cooling mode (1)		A	3,90
Maximum absorbed power in heating mode (1)		W	850
Maximum current absorption in heating mode (1)		A	3,80
Dehumidification rate		l/h	1,0
Room air volume (max/med/min)		m³/h	410 / 345 / 255
Outdoor air volume		m³/h	430
Ventilation speed			3
Flexible pipe (lenght x diameter)		mm	1500 x 120
Maximum remote control range (distance/angle)		m / °	8 / ±80°
Dimensions (Width x H x Depth) (without packaging)		mm	460 x 767 x 395
Dimensions (Width x H x Depth) (with packaging)		mm	484 x 852 x 448
Weight (without packing)		Kg	29
Weight (with packing)		Kg	33
Sound power level (indoor only) (EN 12102)	LWA	dB(A)	62
Sound pressure level (min-max)		dB(A)	41-48
Protection level			IP 10
Refrigerant gas*		Type	R410A
Global warming potential of refrigerant	GWP	kgCO2 eq.	2088
Refrigerant gas charge		kg	0,36
Maximum operating pressure		MPa	3,60
Maximum operating pressure (low pressure side)		MPa	2,10
Power cable (N° pole x section mm²)			3 x 1,5
Fuse			10AT

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	Maximum temperature in cooling	DB 35°C - WB 32°C
	Minimum temperature in cooling	DB 16°C
	Maximum temperature in heating	DB 27°C - WB 19°C
	Minimum temperature in heating	DB 7°C
Outdoor Ambient Temperature	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB 18°C - WB 16°C
	Maximum temperature in heating	DB 27°C - WB 19°C
	Minimum temperature in heating	DB 7°C

(1) TEST CONDITIONS: data refers to regulation EN14511
*Hermetically sealed equipment containing fluorinated gas
Is included a flexible duct to exhaust the air (ø 150 mm, lenght 1,5 m)



AIR COOLERS

PELER 4E

FEATURES

Max absorbed power: 75 W
Air flow (max): 400 m^3/h
Max air speed: 5,8 m/s
Max power noise level: 63 dB (A)
Water tank capacity: 3,5 l
Practical wheels
horizontal swing air flow
Remote control
Timer 1-2-4 h
Handle
3 power setting
Multifonction control panel
Antidust filter

COMPACTNESS
The space-saving more compact.

REMOTE CONTROL

FILTER
Washable fabric Antidust filter.

SILENT SYSTEM

		PELER 4E
Product code		99429
Power supply	V/ph/Hz	220-240 / 1 / 50 - 60
Maximum power absorption	W	75
Stand-by power consumption	W	0,5
Fan speeds	n	3
Air volume (maximum)	m^3/h	400
Air speed (maximum)	m/s	5,8
Sound pressure level (1)	dB (A)	36 / 48
Maximum Sound power level (1)	dB (A)	63
Degrees of protection provided by enclosures		-
Insulation class		II
Power cable	n / mm^2	2 x 0,75
Water tank capacity	l	3,5
Evaporative sheet		nido d'ape / honeycomb
Control panel		pulsanti touch /touch
Maximun remote control range (distance / angle)	m / °	-
Conformity Mark		CE
Certification Mark		TUV
Product size (W x H x D)	mm	240x610x300
Gift box size (W x H x D)	mm	295x610x325
Weight (without packing)	kg	4,5
Weight (with packing)	kg	5,5
Units per master box	n	-
Master size (W x H x D)	mm	-
Timer		1, 2 or 4 hours
Removable water tank		YES
Oscillating function		YES
Remote controller		YES
Ionizer		-
Wall support		-
Power supply cable housing		-

(1) TEST CONDITIONS: The sound pressure level is measured in half-anechoic room far 2 meters from the front of the appliance with the microphone at 1 meter of height. During the test, all the appliance functions are enabled with the exception of swing function (if available)

PELER 4

FEATURES

Max absorbed power: 70 W
Air flow: 558 m^3/h
Max power noise level: 62 dB (A)
Water tank capacity:: 4 l
Remote control
Ionizer
Air flow Swing function

SUPERSLIM DESIGN
The space-saving more compact.

OPENABLE TANK
Easy accessible water tank.

FILTER
Fabric Antidust filter.

REMOTE CONTROL
Removable remote control for more practicality

SILENT SYSTEM

		PELER 4
Product code		99468
Power supply	V/ph/Hz	220-240 / 1 / 50
Maximum power absorption	W	65
Stand-by power consumption	W	0,2
Fan speeds	n	3
Air volume (maximum)	m^3/h	558
Air speed (maximum)	m/s	8,2
Sound pressure level (1)	dB (A)	47 - 36
Maximum Sound power level (1)	dB (A)	62
Degrees of protection provided by enclosures		-
Insulation class		I
Power cable	n / mm^2	3 x 0,75
Water tank capacity	l	4,0
Evaporative sheet		clotch
Control panel		LED
Maximun remote control range (distance / angle)	m / °	-
Conformity Mark		CE
Certification Mark		TUV Rheinland
Product size (W x H x D)	mm	292x883x308
Gift box size (W x H x D)	mm	330x945x345
Weight (without packing)	kg	5,0
Weight (with packing)	kg	5,5
Units per master box	n	-
Master size (W x H x D)	mm	-
Timer		1, 2 or 4 hours
Removable water tank		-
Oscillating function		YES of the air flow
Remote controller		√
Ionizer		√
Wall support		-
Power supply cable housing		-

(1) TEST CONDITIONS: The sound pressure level is measured in half-anechoic room far 2 meters from the front of the appliance with the microphone at 1 meter of height. During the test, all the appliance functions are enabled with the exception of swing function (if available)

PELER 5

FEATURES

Max absorbed power: 50 W
Air flow (max): 400 m^3/h
Max air speed: 1,1 m/s
Max power noise level: 60 dB(A)
Water tank capacity: 5,0 l
Swing function
Removable tank
Remote control
Ionizer

TOWER ELONGATED DESIGN
More beautiful and practical.

REMOVABLE TANK
Easy to fill and clean.

ANTIDUST FILTER
Washable Fabric Antidust filter.

REMOTE CONTROL
Removable remote control for more practicality

ION TECHNOLOGY
The integrated ionizer guarantees cleaner and revitalized air, by releasing negative ions which eliminate positive ones.

SILENT SYSTEM

		PELER 5
Product code		99454
Power supply	V/ph/Hz	220-240 / 1 / 50
Maximum power absorption	W	50
Stand-by power consumption	W	0,5
Fan speeds	n	3
Air volume (maximum)	m^3/h	400
Air speed (maximum)	m/s	1,1
Sound pressure level (1)	dB (A)	37 - 45
Maximum Sound power level (1)	dB (A)	60
Degrees of protection provided by enclosures		-
Insulation class		II
Power cable	n / mm^2	2 x 0,75
Water tank capacity	l	5,0
Evaporative sheet		tessuto / cloth
Control panel		sfioramento / touch
Maximun remote control range (distance / angle)	m / °	6
Conformity Mark		CE
Certification Mark		Intertek - GS
Product size (W x H x D)	mm	260x959x260
Gift box size (W x H x D)	mm	310x1020x315
Weight (without packing)	kg	6,0
Weight (with packing)	kg	7,0
Units per master box	n	-
Master size (W x H x D)	mm	-
Timer		1, 2, 4 or 8 hours
Removable water tank		√
Oscillating function		YES of top column
Remote controller		√
Ionizer		√
Wall support		-
Power supply cable housing		-

(1) TEST CONDITIONS: The sound pressure level is measured in half-anechoic room far 2 meters from the front of the appliance with the microphone at 1 meter of height. During the test, all the appliance functions are enabled with the exception of swing function (if available)

PELER 6E

FEATURES

Max absorbed power: 70 W
Air flow (max): 300 m^3/h
Max air speed: 5,2 m/s
Max power noise level: 62 dB(A)
3 power settings
Removable tank 6 Lt
Timer 1/2/3 h
Washable fabric antidust filter
With automatic swing of the horizontal flaps
Manual adjustment of the horizontal flaps
High capacity tank
Compact design

COMPACTNESS
The space-saving more compact.

REMOVABLE TANK
Easy to fill and clean.

ANTIDUST FILTER
Washable Fabric Antidust filter.

SILENT SYSTEM

		PELER 6E
Product code		99428
Power supply	V/ph/Hz	220-240 / 1 / 50
Maximum power absorption	W	70
Stand-by power consumption	W	0,4
Fan speeds	n	3
Air volume (maximum)	m^3/h	300
Air speed (maximum)	m/s	5,2
Sound pressure level (1)	dB (A)	37 - 45
Maximum Sound power level (1)	dB (A)	62
Degrees of protection provided by enclosures		-
Insulation class		II
Power cable	n / mm^2	2 x 0,75
Water tank capacity	l	6,0
Evaporative sheet		honeycomb
Control panel		buttons
Maximun remote control range (distance / angle)	m / °	-
Conformity Mark		CE
Certification Mark		Intertek
Product size (W x H x D)	mm	238x683x302
Gift box size (W x H x D)	mm	286x745x340
Weight (without packing)	kg	5,4
Weight (with packing)	kg	7,0
Units per master box	n	-
Master size (W x H x D)	mm	-
Timer		1, 2, 4 or 3 hours
Removable water tank		√
Oscillating function		YES of horizontal air flow flaps
Remote controller		-
Ionizer		-
Wall support		-
Power supply cable housing		-

(1) TEST CONDITIONS: The sound pressure level is measured in half-anechoic room far 2 meters from the front of the appliance with the microphone at 1 meter of height. During the test, all the appliance functions are enabled with the exception of swing function (if available)

PELER 7

FEATURES

Max absorbed power: 90 W
Air flow (max): 700 m^3/h
Max air speed: 3,5 m/s
Max power noise level: 63 dB(A)
Water tank capacity: 7,0 l
Swing function
Removable water tank
Remote control
Ionizer
Honeycomb filter

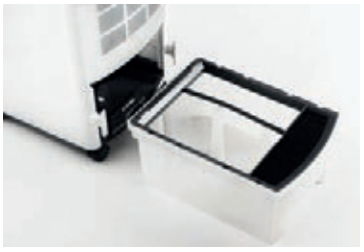
REMOVABLE TANK
Easy to fill and clean.

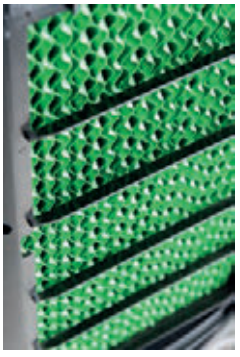
ION TECHNOLOGY
The integrated ionizer guarantees cleaner and revitalized air, by releasing negative ions which eliminate positive ones.

HONEYCOMB FILTER
It gives more fresh air.

REMOTE CONTROL
Removable remote control for more practicality

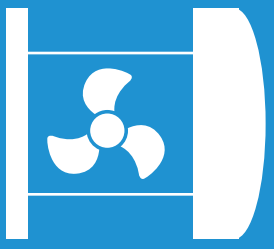
SILENT SYSTEM





		PELER 7
Product code		99453
Power supply	V/ph/Hz	220-240 / 1 / 50
Maximum power absorption	W	90
Stand-by power consumption	W	0,5
Fan speeds	n	3
Air volume (maximum)	m^3/h	700
Air speed (maximum)	m/s	3,5
Sound pressure level (1)	dB (A)	34 - 48
Maximum Sound power level (1)	dB (A)	63
Degrees of protection provided by enclosures		-
Insulation class		II
Power cable	n / mm^2	2 x 0,75
Water tank capacity	l	7,0
Evaporative sheet		honeycomb
Control panel		touch
Maximun remote control range (distance / angle)	m / °	6
Conformity Mark		CE
Certification Mark		Intertek - GS
Product size (W x H x D)	mm	267x809x333
Gift box size (W x H x D)	mm	310x865x380
Weight (without packing)	kg	7,5
Weight (with packing)	kg	8,5
Units per master box	n	-
Master size (W x H x D)	mm	-
Timer		0,5 a 7,5 hours
Removable water tank		√
Oscillating function		YES of the air flow
Remote controller		√
Ionizer		√
Power off switch		√
Power supply cable housing		√

(1) TEST CONDITIONS: The sound pressure level is measured in half-anechoic room far 2 meters from the front of the appliance with the microphone at 1 meter of height. During the test, all the appliance functions are enabled with the exception of swing function (if available)



CONTROLLED MECHANICAL VENTILATION

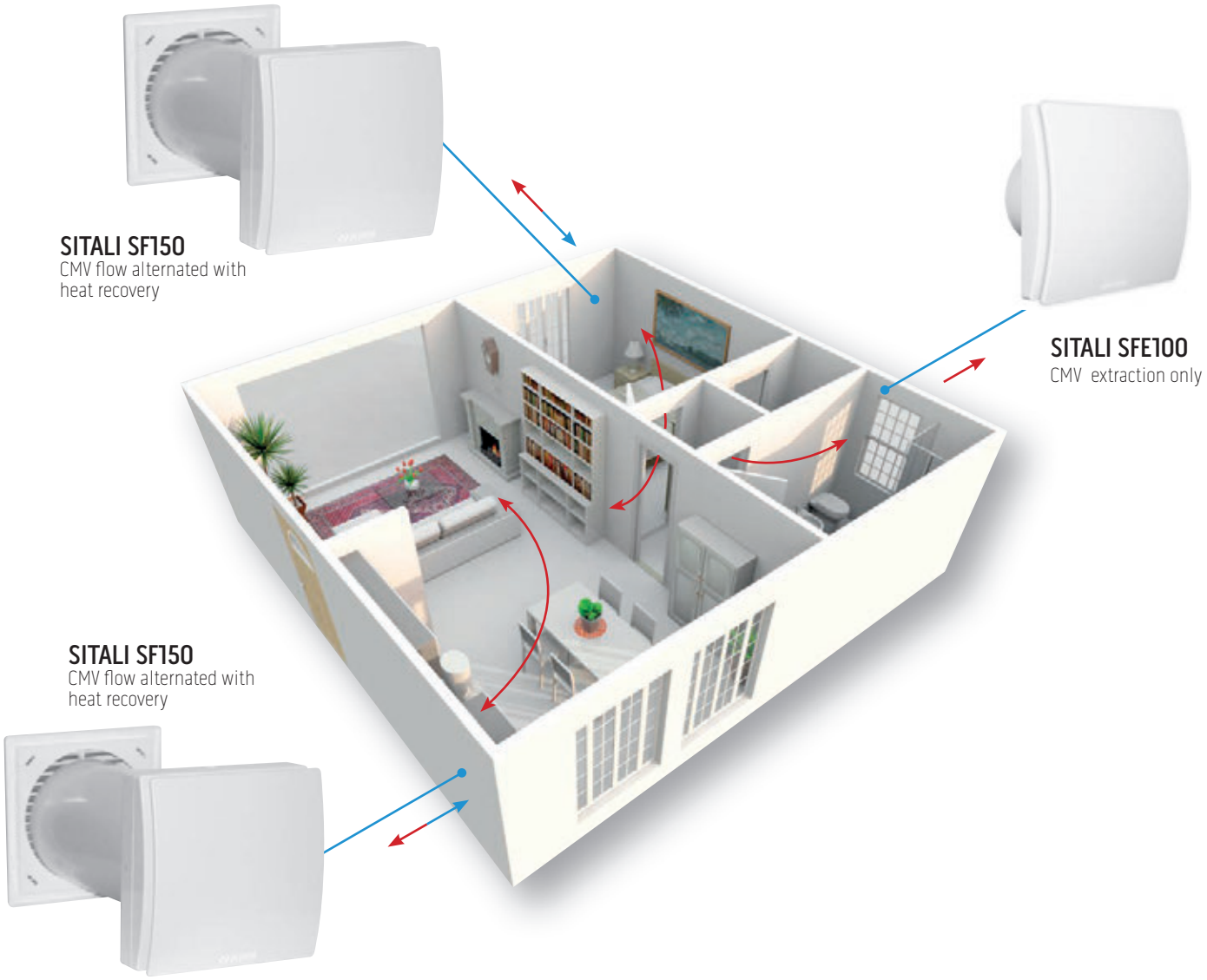
CONTROLLED MECHANICAL VENTILATION

Decentralised residential controlled mechanical ventilation system

RECIRCULATION OF THE AIR	MOULD PREVENTION	HUMIDITY PREVENTION	ENERGY SAVING

CLEAN AIR WITH MAXIMUM ENERGY SAVING SILENTLY

COMPLETE SYSTEM INSTALLATION



APPLICATION: SOLUTION RECOMMENDED IN CASE OF RESTRUCTURING.

System features:

- pair of decentralised CMV units (Sitali SF150) with alternate single flow with heat recovery unit that allows the transfer of the heat of the air from the indoor ambits to the cold air introduced from outdoors. The two units can be synchronised with each other with maximum acoustic comfort.
- They can be coupled with decentralised single flow CMV units (Sitali SFE100).
- They do not have to be connected to any internal air distribution network.
- Energy saving: the pre-heated external air, which is introduced into the indoor environments via the Sitali SF150 units, limits the necessity to solicit the heating system.
- The CMV units are fitted with EC brushless motorisation, with significantly reduced energy consumption.
- Quality of the Indoor Air: a mechanical ventilation system appropriately dimensioned guarantees constant quality of the indoor air for the well-being and health of the occupants and the building.
- Periodic maintenance of the anti-dust filter mounted on the Sitali SF150 units helps to maintain the indoor air healthier.
- The complete system requires cable connection between the various components

	CODE	DESCRIPTION
	**99422**	**SITALI SFE100** CMV EXTRACTION ONLY
	**B0837**	**KIT SITALI SFE100** PIPE
	**B0838**	**KIT SITALI SFE100** GRID

	CODE	DESCRIPTION
	**99431**	**SITALI SF150** CMV FLOW ALTERNATED WITH HEAT RECOVERY

QUALITY OF THE AIR

an appropriately dimensioned mechanical ventilation system guarantees the constant quality of the indoor air for the well-being and heath if the occupants and the building. Periodic maintenance of the anti-dust filter mounted on the Sitali SF150 units helps to maintain the indoor air healthier.

ENERGY SAVING

The Sitali SFE100/SF150 units are fitted with EC brushless motorisation, with significantly reduced energy consumption.
Through the pre-heated outdoor air that is introduced into the indoor environments, the Sitali SF150 unit, limits the need to solicit the heating system.

SILENT SYSTEM

The units can be synchronised with each other in maximum acoustic comfort and are optimised for continuous 24/24h operation.

SITALI **SFE** 100

Continuous single flow decentralised **C**ontrolled **M**echanical **V**entilation

FEATURES

Top quality ABS structure
High-efficiency aerodynamic fan
EC brushless motor with thermal protection
integrated humidity sensor
Elegant deign with minimalist lines
Front cover; easy to remove for cleaning, without the use of tools
Aerodynamic deflectors
Very low energy consumption
4 ventilation speeds available

SILENT FUNCTION

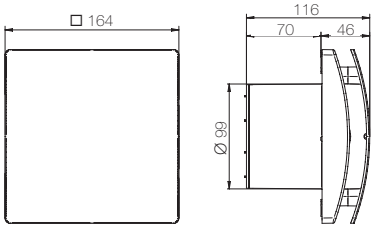
The most silent: only 11 dB (A)
Optimised for continuous 24/24h operation.

VENTILATION

Decentralised CMV unit with continuous single flow, Ø100 mm, with very low energy consumption, for replacing stale air in the humid environments with maximum acoustic comfort. Ideal for preventing problems of condensate and mould, which inevitably damage the structure and compromise the health of the occupants.

HUMIDITY DETECTION

The unit is fitted with a humidity detection sensor, adjustable from 50% to 95% R.H. and a timer; this can be adjusted from 0 to approx. 30 minutes. The unit operates continuously at the minimum speed selected, which increases automatically to the average speed when the R.H. percentage exceeds the threshold set.



TECHNICAL DATA	SFE 100
Product code	99422
Hole diameter mm	100
Flow rate m³/h	83 / 47 / 29 / 21
Consumption W	2,5 / 1,7 / 1,2 / 1
Sound pressure db(A)*	26 / 23 / 13 / 11
Environment temperature °C max	50
IP protection rating	IPX4
Weight kg	0,6

220-240 V ~ 50-60Hz aeraulic performance measured according to ISO 5801 at 230V 50Hz, density of the air 1.2 Kg/m3 - data measured in accredited TÜV Rheinland laboratory
* sound pressure level at 3m in free field

SITALI SF 150

Alternate single flow decentralised **C**ontrolled **M**echanical **V**entilation with heat recovery

FEATURES

Temperature probe that adjusts the air flow inversion times to maintain the indoor comfort level

Energy class: A

EC brushless motor

Integrated humidity sensor

Easy maintenance, indoor magnetic release

Infra-red remote control with LCD

Double filter on the inner/outer side of the exchanger

Multicolour LED indicator

5 ventilation speeds available

Magnetic wall support for remote control

SILENT FUNCTION

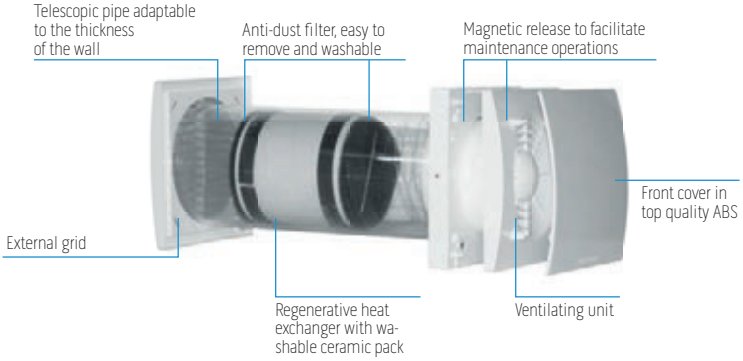
The most silent: only 10 -dB (A)
Optimised for continuous 24/24h operation.

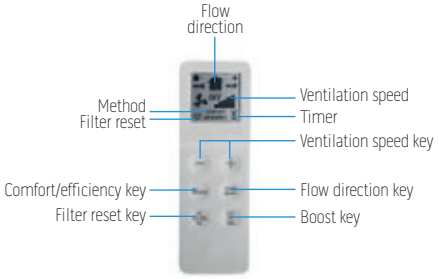
INTELLIGENT FUNCTION

Thanks to the presence of the temperature detection probe, the air flow inversion time is self-adjusted to allow the best comfort indoors.

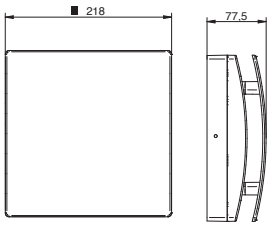
MAGNETIC FUNCTION

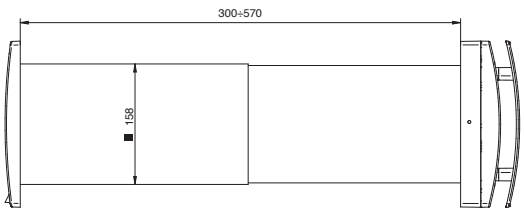
Quick release via magnets for easy maintenance without the need for specialised staff.





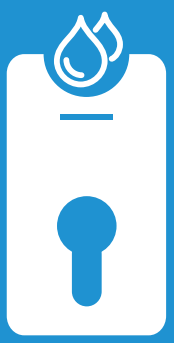
TWO METHODS
Comfort: best acoustic comfort for use during the night
Efficency: best efficiency at maximum power





TECHNICAL DATA	SF 150
Product code	99431
Hole diameter mm	150
Energy class	A
Flow rate aria m³/h	60 / 50 / 40 / 30 / 20
Sound pressure db(A)*	29 / 24 / 20 / 14 / 10
Consumption W	6 / 4,5 / 3,5 / 2,5 / 2
Termal efficency max	82%
Environment temperature °C max	-20°C +50°C
IP protection rating	IPX4
Weight kg	5,5

220-240 V ~ 50-60Hz aeraulic performance measured according to ISO 5801 at 230V 50Hz, density of the air 1.2 Kg/m3 - data measured in accredited TÜV Rheinland laboratory
* sound pressure level at 3m in free field



DEHUMIDIFIERS

AQUARIA SLIM 10

FEATURES

Dehumidification capacity: 10 l/24h(1)
Tank capacity: 1 l
Constant condensation disposal
Defrosting device
ambient humidity display
Air filter
Full tank alarm
Ergonomic handle
Wheels
Maximum volume of dehumidification: 100 m^3

SLIM DESIGN
only 185 mm thickness.

DIGITAL TOUCH DISPLAY
for precision commands.

SEMI-TRANSPARENT TANK
To view the water level.

PRACTICAL
thanks to the handle and the transportable wheels.

(1) 32° C – 80 %RH

		AQUARIA SLIM 10
	Code	01792
	EAN	
Dehumidification capacity (1)	l/24h	5.4
Dehumidification capacity (2)	l/24h	10
Dehumidificable Area	m³	100
Heating power	W	-
Power consumption in dehumidification (1)	W	223
Max Power consumption in dehumidification (2)	W	
Max Power consumption in dehumidification + heating (2)	W	-
Fan speed		1
Tank capacity	l	2,0
Air flow rate (max)	m³/h	120
Dimensions (Width x H x Depth)	mm	276X500X185
Sound level	db(A)	46
Weight	Kg	9,7
Refrigerant gas / Charge / GWP*	Type / kg	R134A
Power supply	V-F-Hz	220-240 - 1 - 50
Minimum/maximum power supply voltage	V	207- 254
Air filter		√
Active carbon filter		
Fotocathalitic filter		
HEPA filter		
Operation with continuous drain		√
Mechanical controls		
Electronic controls		
Mechanical Humidostat		
Digital Humidostat		√
LCD Display		
Backlight LED Display		
Indoor humidity visualizer		√
Indoor temperature visualizer		
Tank full light		√
Defrosting device		√
Mot gas defrosting system		
Dehumidifing + heating function (with electrical resistance)		
Handle		
Wheels		√
Tank with push-pull locking		
Tank with handle		
Visible water level		
Wall mounting kit		

(1) DB 27°C - WB 21°C (27°C - 60% RH)
(2) DB 32°C - WB 29°C (32°C - 80% RH)
*hermetically sealed equipment containing fluorinated gas GWP 1430

AQUARIA SLIM 12

AQUARIA SLIM 12 Cod. 01546

FEATURES

Dehumidification capacity: 12 l/24h(1)
Tank capacity: 1.5 l
Sound power: 36 dB (A)
Digital panel
Full tank alarm
Constant condensation disposal
Electronic defrosting device
Visible water level
Handle
Equipped with wheels
Tank opening with large handle

PURE SYSTEM 3

Triple filtration system which combines the filter with activated carbons (eliminates odors and deactivates any potentially harmful gases)
- HEPA filter (retains fine dust with a few microns diameter)
- Photo catalytic filter (sterilizes air by eliminating a high percentage of viruses and bacteria).

EASY TO USE

Elegant front incision for constant visual check of water level in the tank. Equipped with a handle for easier transport.

DOUBLE USE

The only dehumidifier that can be used free standing or with wall installation, thanks to the hooking system of the back panel. Designed for use in the laundry room or toilet rooms. The air filters in the back entrance and the clean front make it look perfect and discrete.

COMPACT TECHNOLOGY

The slimmest one in the range: 12L/24h in only 17 cm depth.

DIGITAL CONTROL

Electrical multifunction panel, for humidity level setting.

(1) 32° C – 80 %RH

		AQUARIA SLIM 12
	Code	01546
	EAN	8021183015461
Dehumidification capacity (1)	l/24h	5,6
Dehumidification capacity (2)	l/24h	12
Humidificable Area	m³	-
Heating power	W	-
Power consumption in dehumidification (1)	W	250
Max Power consumption in dehumidification (2)	W	309
Max Power consumption in dehumidification + heating (2)	W	-
Fan speed		1
Tank capacity	l	1,5
Air flow rate (max)	m³/h	110
Dimensions (Width x H x Depth)	mm	325X480X162
Sound level	db(A)	39
Weight	Kg	9,5
Refrigerant gas / Charge /GWP*	Type / kg	R410A / 0,090 / 1430
Power supply	V-F-Hz	230 - 1 - 50
Minimum/maximum power supply voltage	V	212-264
Air filter		√
Active carbon filter		√
Fotocathalitic filter		√
HEPA filter		√
Operation with continuous drain		√
Mechanical controls		
Electronic controls		
Mechanical Humidostat		
Digital Humidostat		√
LCD Display		√
Backlight LED Display		√
Indoor humidity visualizer		√
Indoor temperature visualizer		
Tank full light		√
Defrosting device		√
Mot gas defrosting system		
Dehumidifing + heating function (with electrical resistance)		
Handle		√
Wheels		√
Tank with push-pull locking		
Tank with handle		
Visible water level		√
Wall mounting kit		

(1) DB 27°C - WB 21°C (27°C - 60% RH)
(2) DB 32°C - WB 29°C (32°C - 80% RH)
*hermetically sealed equipment containing fluorinated gas GWP 1430

AQUARIA SILENT 14

FEATURES

Dehumidification capacity: 14l*/24h
Tank capacity: 2 l
Sound level: only 36 dB (A)
Full tank alarm
Continuous operation with hose
Electronic defrosting device
Visible water level - transparent tank
Handle
Dehumidificable volume: 120-140 m^3

SILENT SYSTEM

Aquaria Silent 14 is among the quietest dehumidifiers in its category, more than 10%quieter with a sound level of only 36 dB (A)

QUICK CONTROL

Extremely easy to use mechanical control to adjust room humidity.

(1) 32° C – 80 %RH
(2) Internal tests on the range Olimpia Splendid

		AQUARIA SILENT 14
	Code	01667
	EAN	8021183016673
Dehumidification capacity (1)	l/24h	6,2
Dehumidification capacity (2)	l/24h	14
Dehumidificable volume	m³	120
Heating capacity	W	-
Power absorption in dehumidifcation mode (1)	W	172
Max. power absorption in dehumidification mode (2)	W	214
Max. power absorption in dehumidification+heating mode (2)	W	-
Fan speeds		1
Tank capacity	l	2
Air volume (max)	m³/h	80
Dimensions (W x H x D)	mm	307 x 427 x 258
Noise level	db(A)	36
Weight	Kg	12,8
Refrigerant gas / charge	Type / kg	R134A / 0,110 / 1430
Power supply	V-F-Hz	230 - 1 - 50
Power supply min - max	V	216/244
Air filter		√
Carbon filter		
Photocatalytic filter		
HEPA filter		
Continuous operation with hose		√
Machanical controls		√
Digital control		
Mechanical humidistat		√
Electronic humidistat		
LCD Display		
Backlit liquid crystal display		
Indoor humidity visualizer		
Indoor temperature visualizer		
Tank full light		√
Defrosting device		√
Hot gas defrosting system		
Dehumidifing + heating function		
Handle		√
Wheels		√
Concealed tank with push-pull panel		
Water tank with handle		
Visible water level		√
Wall mounting kit		

(1) DB 27°C - WB 21°C (27°C - 60% RH)
(2) DB 32°C - WB 29°C (32°C - 80% RH)
*hermetically sealed equipment containing fluorinated gas GWP 1430

AQUARIA 16

Design by Ercoli & Garlandini

FEATURES

Dehumidification capacity: 16 l*/24h
Tank capacity: 1,8 l
Sound power: 40 dB (A)
Digital control
Drying mode: constant and fast dehumidification
LCD Display
Full tank alarm
Constant condensation disposal
Electronic defrosting device
visible water level and transparent tank
Handle
Wheels
Maximum volume of dehumidification: 120-140 m^3

PURE SYSTEM
Mechanic air filtration system, for better air quality.

EASY TO USE
Equipped with barycentric and ergonomic handle, and wheels for easier transport.

DIGITAL CONTROL
Multifunction electronic panel, to set the desired humidity level and activate the Drying mode, Equipped with back-lit LCD display to view humidity level and ambient temperature.

COMPACT TECHNOLOGY
In just25 cm of depth and a height of 45 cm, a dehumidification capacity of 16 l/24h.

TURBO/DRYING
This function optimizes the laundry's drying process by constantly operating the dehumidifier at full power.

(1) 32° C – 80 %RH

		AQUARIA 16
	Code	01440
	EAN	8021183014402
Dehumidification capacity (1)	l/24h	6,5
Dehumidification capacity (2)	l/24h	16
Humidificable Area	m³	-
Heating power	W	-
Power consumption in dehumidification (1)	W	243
Max Power consumption in dehumidification (2)	W	312
Max Power consumption in dehumidification + heating (2)	W	-
Fan speed		1
Tank capacity	l	1,8
Air flow rate (max)	m³/h	170
Dimensions (Width x H x Depth)	mm	305X464X261
Sound level	db(A)	40
Weight	Kg	12
Refrigerant gas / Charge / GWP*	Type / kg	R410A / 0,130 / 1430
Power supply	V-F-Hz	230 - 1 - 50
Minimum/maximum power supply voltage	V	216/244
Air filter		√
Active carbon filter		
Fotocathalitic filter		
HEPA filter		
Operation with continuous drain		√
Mechanical controls		
Electronic controls		√
Mechanical Humidostat		
Digital Humidostat		√
LCD Display		√
Backlight LED Display		
Indoor humidity visualizer		√
Indoor temperature visualizer		√
Tank full light		√
Defrosting device		√
Mot gas defrosting system		√
Dehumidifing + heating function (with electrical resistance)		
Handle		√
Wheels		√
Tank with push-pull locking		
Tank with handle		
Visible water level		√
Wall mounting kit		

(1) DB 27°C - WB 21°C (27°C - 60% RH)
(2) DB 32°C - WB 29°C (32°C - 80% RH)
*hermetically sealed equipment containing fluorinated gas GWP 1430

AQUARIA 16T

Design by Ercoli & Garlandini

FEATURES

Dehumidification capacity: 16 l/24h(1)
Tank capacity: 1,8 l
Electrical Resistance 1000W
Sound power: 40 dB (A)
Digital control
Drying mode: constant and fast dehumidification
LCD Display
Full tank alarm
Constant condensation disposal
Electronic defrosting device
visible water level and transparent tank
Handle
Wheels
Maximum volume of dehumidification: 120-140 m^3

PURE SYSTEM
Mechanic air filtration system, for better air quality.

SUPER DEHUMIDIFICATION
Combines dehumidification with heating thanks to a 1000 W electrical element that significantly reduces dehumidification time.

DIGITAL CONTROL
Multifunction electronic panel, to set the desired humidity level and activate the Drying mode, Equipped with back-lit LCD display to view humidity level and ambient temperature.

COMPACT TECHNOLOGY
In just25 cm of depth and a height of 45 cm, a dehumidification capacity of 16 l/24h.

EASY TO USE
Equipped with barycentric and ergonomic handle, and wheels for easier transport.

TURBO/DRYING
This function optimizes the laundry's drying process by constantly operating the dehumidifier at full power.

(1) 32° C – 80 %RH

		AQUARIA 16T
	Code	01446
	EAN	8021183014464
Dehumidification capacity (1)	l/24h	6,5
Dehumidification capacity (2)	l/24h	16
Humidificable Area	m³	120-140
Heating power	W	1000
Power consumption in dehumidification (1)	W	243
Max Power consumption in dehumidification (2)	W	312
Max Power consumption in dehumidification + heating (2)	W	-
Fan speed		1
Tank capacity	l	1,8
Air flow rate (max)	m³/h	170
Dimensions (Width x H x Depth)	mm	305X464X261
Sound level	db(A)	40
Weight	Kg	12
Refrigerant gas / Charge / GWP*	Type / kg	R410A / 0,130 / 1430
Power supply	V-F-Hz	230 - 1 - 50
Minimum/maximum power supply voltage	V	216/244
Air filter		√
Active carbon filter		
Fotocathalitic filter		
HEPA filter		
Operation with continuous drain		√
Mechanical controls		
Electronic controls		√
Mechanical Humidostat		
Digital Humidostat		√
LCD Display		√
Backlight LED Display		
Indoor humidity visualizer		√
Indoor temperature visualizer		√
Tank full light		√
Defrosting device		√
Mot gas defrosting system		√
Dehumidifing + heating function (with electrical resistance)		√
Handle		√
Wheels		√
Tank with push-pull locking		
Tank with handle		
Visible water level		√
Wall mounting kit		

(1) DB 27°C - WB 21°C (27°C - 60% RH)
(2) DB 32°C - WB 29°C (32°C - 80% RH)
*hermetically sealed equipment containing fluorinated gas GWP 1430

AQUARIA 22

Design by King & Miranda

FEATURES

Dehumidification capacity: 22 l/24h(1)
Tank capacity: 3.5 l
Digital control
LCD Display
Full tank alarm
Constant condensation disposal
Electronic defrosting device
Hidden tank with push-pull closing panel
Water tank with handle, for easier transport and emptying
Visible water level
Hidden handle
Wheels
Cable winder
Maximum volume of dehumidification: 120-140 m^3

PURE SYSTEM 3

Triple filtration system which combines the filter with activated carbons (eliminates odors and deactivates any potentially harmful gases)
HEPA filter (retains fine dust with a few microns diameter)
Photo catalytic filter (sterilizes air by eliminating a high percentage of viruses and bacteria).

NON-STOP OPERATING

The constant condensation disposal, which can be selected on the control panel, allows uninterrupted dehumidification.

DIGITAL CONTROL

Multifunction electronic panel, to set the desired humidity level and activate the Drying mode; moreover, Aquaria is equipped with back-lit LCD display to view humidity level and ambient temperature.

BACK CABLE WINDER

Cable winder to tidily put the product away.

LARGE TANK

The tank contains 3.5 l and it can be easily extracted.

(1) 32° C – 80 %RH

		AQUARIA 22
	Code	01644
	EAN	8021183016444
Dehumidification capacity (1)	l/24h	13, 5
Dehumidification capacity (2)	l/24h	22
Dehumidificable Area	m³	120/140
Heating power	W	-
Power consumption in dehumidification (1)	W	250
Max Power consumption in dehumidification (2)	W	295
Max Power consumption in dehumidification + heating (2)	W	-
Fan speed		1
Tank capacity	l	3,5
Air flow rate (max)	m³/h	230
Dimensions (Width x H x Depth)	mm	280 x 545 x 385
Sound level	db(A)	40
Weight	Kg	17
Refrigerant gas / Charge / GWP*	Type / kg	R134A / 0,175 / 1430
Power supply	V-F-Hz	230 - 1 - 50
Minimum/maximum power supply voltage	V	198 / 264
Air filter		√
Active carbon filter		√
Fotocathalitic filter		√
HEPA filter		√
Operation with continuous drain		√
Mechanical controls		
Electronic controls		√
Mechanical Humidostat		
Digital Humidostat		√
LCD Display		√
Backlight LED Display		
Indoor humidity visualizer		√
Indoor temperature visualizer		√
Tank full light		√
Defrosting device		√
Mot gas defrosting system		
Dehumidifing + heating function (with electrical resistance)		
Handle		√
Wheels		√
Tank with push-pull locking		√
Tank with handle		√
Visible water level		√
Wall mounting kit		

(1) DB 27°C - WB 21°C (27°C - 60% RH)
(2) DB 32°C - WB 29°C (32°C - 80% RH)
*hermetically sealed equipment containing fluorinated gas GWP 1430

AQUARIA THERMO 22

AQUARIA THERMO 22 Cod. 01645

Design by King & Miranda

FEATURES

Dehumidification capacity: 22l/24h(1)
Tank capacity: 3,5 l
Electrical Resistance 1000W
Digital control
LCD Display
Full tank alarm
Constant condensation disposal
Electronic defrosting device
Hidden tank with push-pull closing panel
Water tank with handle, for easier transport and emptying
Visible water level
Handle
Wheels
Maximum volume of dehumidification: 120-140 m^3

PURE SYSTEM 3

Triple filtration system which combines the filter with activated carbons (eliminates odors and deactivates any potentially harmful gases)
HEPA filter (retains fine dust with a few microns diameter)
Photo catalytic filter (sterilizes air by eliminating a high percentage of viruses and bacteria).

SUPER DEHUMIDIFICATION

Combines dehumidification with heating thanks to a 1000 W electrical element that significantly reduces dehumidification time.

BACK CABLE WINDER

Cable winder to tidily put the product away.

DIGITAL CONTROL

Multifunction electronic panel, to set the desired humidity level and activate the Drying mode; moreover, Aquaria is equipped with back-lit LCD display to view humidity level and ambient temperature.

(1) 32° C – 80 %RH

		AQUARIA THERMO 22
	Code	01645
	EAN	8021183016451
Dehumidification capacity (1)	l/24h	13,5
Dehumidification capacity (2)	l/24h	22
Dehumidificable Area	m³	200
Heating power	W	1000
Power consumption in dehumidification (1)	W	250
Max Power consumption in dehumidification (2)	W	295
Max Power consumption in dehumidification + heating (2)	W	1315
Fan speed		1
Tank capacity	l	3,5
Air flow rate (max)	m³/h	250
Dimensions (Width x H x Depth)	mm	280 x 545 x 385
Sound level	db(A)	40
Weight	Kg	17
Refrigerant gas / Charge / GWP*	Type / kg	R134A / 0,175 / 1430
Power supply	V-F-Hz	230 - 1 - 50
Minimum/maximum power supply voltage	V	198 / 264
Air filter		√
Active carbon filter		√
Fotocathalitic filter		√
HEPA filter		√
Operation with continuous drain		√
Mechanical controls		
Electronic controls		√
Mechanical Humidostat		
Digital Humidostat		√
LCD Display		√
Backlight LED Display		√
Indoor humidity visualizer		√
Indoor temperature visualizer		√
Tank full light		√
Defrosting device		√
Mot gas defrosting system		
Dehumidifing + heating function (with electrical resistance)		√
Handle		√
Wheels		√
Tank with push-pull locking		√
Tank with handle		√
Visible water level		√
Wall mounting kit		

(1) DB 27°C - WB 21°C (27°C - 60% RH)
(2) DB 32°C - WB 29°C (32°C - 80% RH)
*hermetically sealed equipment containing fluorinated gas GWP 1430

AQUARIA 28

Design by King & Miranda

FEATURES

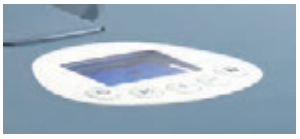
Dehumidification capacity: 28l/24h(1)
Tank capacity: 3.5 l
Digital control
LCD Display
Full tank alarm
Constant condensation disposal
Electronic defrosting device
Hidden tank with push-pull closing panel
Water tank with handle, for easier transport and emptying
Visible water level
Hidden handle
Wheels
Cable winder
Maximum volume of dehumidification: 240 m^3

PURE SYSTEM 3

Triple filtration system which combines the filter with activated carbons (eliminates odors and deactivates any potentially harmful gases)
HEPA filter (retains fine dust with a few microns diameter)
Photo catalytic filter (sterilizes air by eliminating a high percentage of viruses and bacteria).

DIGITAL CONTROL

Multifunction electronic panel, to set the desired humidity level and activate the Drying mode; moreover, Aquaria is equipped with back-lit LCD display to view humidity level and ambient temperature.



(1) 32° C – 80 %RH

		AQUARIA 28
	Code	01646
	EAN	8021183016468
Dehumidification capacity (1)	l/24h	15
Dehumidification capacity (2)	l/24h	28
Dehumidificable Area	m³	240
Heating power	W	-
Power consumption in dehumidification (1)	W	425
Max Power consumption in dehumidification (2)	W	510
Max Power consumption in dehumidification + heating (2)	W	-
Fan speed		1
Tank capacity	l	3,5
Air flow rate (max)	m³/h	285
Dimensions (Width x H x Depth)	mm	280 x 545 x 385
Sound level	db(A)	42
Weight	Kg	18
Refrigerant gas / Charge / GWP*	Type / kg	R134A / 0,160 / 1430
Power supply	V-F-Hz	230 - 1 - 50
Minimum/maximum power supply voltage	V	207 / 264
Air filter		√
Active carbon filter		√
Fotocathalitic filter		√
HEPA filter		√
Operation with continuous drain		√
Mechanical controls		
Electronic controls		√
Mechanical Humidostat		
Digital Humidostat		√
LCD Display		√
Backlight LED Display		√
Indoor humidity visualizer		√
Indoor temperature visualizer		√
Tank full light		√
Defrosting device		√
Mot gas defrosting system		
Dehumidifing + heating function (with electrical resistance)		
Handle		√
Wheels		√
Tank with push-pull locking		√
Tank with handle		√
Visible water level		√
Wall mounting kit		

(1) DB 27°C - WB 21°C (27°C - 60% RH)
(2) DB 32°C - WB 29°C (32°C - 80% RH)
*hermetically sealed equipment containing fluorinated gas GWP 1430

SECCOPROF

SECCOPROF 28 Cod. 01208
SECCOPROF 38 Cod. 01209

Design by King & Miranda

FEATURES OF SECCOPROF 28

Dehumidification capacity: 22 l/24h(1)
Tank capacity: 3.5 l
Digital control
LCD Display
Visible water level
Full tank alarm
Double handle
Wheels
Maximum volume of dehumidification: 250 m^3

FEATURES OF SECCOPROF 38

Dehumidification capacity: 38 l/24h(1)
Tank capacity: 10 l
Warm gas defrosting
Digital control
LCD Display
Visible water level
Full tank alarm
Double handle
Wheels
Maximum volume of dehumidification: 330 m^3

SUPER POWER

The products in the SeccoProf range are extremely powerful, and they can absorb up to 38 l of excess humidity per day, thus allowing to dehumidify large spaces.

NON-STOP OPERATING

The constant condensation disposal, which can be selected on the control panel, allows uninterrupted dehumidification.

DIGITAL CONTROL

Multifunction electronic panel, to set the desired humidity level and activate the Drying mode; moreover, Aquaria is equipped with back-lit LCD display to view humidity level and ambient temperature.

WARM GAS DEFROSTING

Guarantees a constant operation of the compressor, avoiding frequent activation and deactivation periods. It also allows the product to work even near 0°C(2).

IRON SHAPE

Its metal frame makes the Seccoprof range solid and corrosion- and impact-resistant.

(1) 32° C – 80 %RH
(2) Solo modello SeccoProf 38

		SECCOPROF 28	SECCOPROF 38
	Code	01208	01209
	EAN	8021183012088	8021183012095
Dehumidification capacity (1)	l/24h	15	20
Dehumidification capacity (2)	l/24h	28	38
Humidificable Area	m³	250	330
Heating power	W		
Power consumption in dehumidification (1)	W	450	500
Max Power consumption in dehumidification (2)	W	550	585
Max Power consumption in dehumidification + heating (2)	W		
Fan speed		1	1
Tank capacity	l	10	10
Air flow rate (max)	m³/h	340	350
Dimensions (Width x H x Depth)	mm	310 x 650 x 435	310 x 650 x 435
Sound level	db(A)	47	49
Weight	Kg	23	25
Refrigerant gas / Charge / GWP*	Type / kg	R410A / 0,260 / 1430	R410A / 0,330 / 1430
Power supply	V-F-Hz	230 - 1 - 50	230 - 1 - 50
Minimum/maximum power supply voltage	V	198 / 264	198 / 244
Air filter		√	√
Active carbon filter			
Fotocathalitic filter			
HEPA filter			
Operation with continuous drain		√	√
Mechanical controls			
Electronic controls		√	√
Mechanical Humidostat			
Digital Humidostat		√	√
LCD Display		√	√
Backlight LED Display			
Indoor humidity visualizer		√	√
Indoor temperature visualizer		√	√
Tank full light		√	√
Defrosting device		√	
Mot gas defrosting system			√
Dehumidifing + heating function (with electrical resistance)			
Handle		√	√
Wheels		√	√
Tank with push-pull locking			
Tank with handle			
Visible water level		√	√
Wall mounting kit			

(1) DB 27°C - WB 21°C (27°C - 60% RH)
(2) DB 32°C - WB 29°C (32°C - 80% RH)
*hermetically sealed equipment containing fluorinated gas GWP 1430

HUMIDIFIERS

AQUA PURE

FEATURES

Cold and hot Ultrasound technology
Dehumidification capacity 300 ml /h (cold steam)
400 ml /h (hot steam)
Tank capacity: 5l
Touch controls
Hot steam function
Full tank alarm
Dehumidificable volume: 50 m²

WATER PRE-HEATING

Thanks to the pre-heating function the product has an highest performance, improving the quantity of the humidity in the air: 30%* more.

STEAM SUPPLY

It's possible to decide the speed of the steam: minimum, medium, maximum, through two different ways thanks to the double hole on the top spout.

DESIRED HUMIDITY

Set up the desired humidity from 40% to 70%.

TOUCH DISPLAY

Touch technology: allow to enter to all functionalities in a simple and immediate way.

* Compared to the itself product used in normal conditions

		AQUA PURE
	Code	99482
	EAN	8021183994827
Dehumidification capacity (cold steam / hot steam)	ml/h	300/400
Dehumidificable volume	mq	50
Power absorption (cold steam / hot steam)	W	30/90
Heating capacity		3
Tank capacity	l	5
Dimensions (W x H x D)	mm	248 x 355 x 130
Weight (without packing)	Kg	2,25
Power supply	V-F-Hz	100-240V, 50/60Hz
cold and hot ultrasound technology		√
Ionizer		
Touch controls		√
Digital control		
Display		√
Indoor humidity visualizer		√
Tank full light		√
Dehumidifing + heating function		√
Hot steam function		√
Setting desired humidity from 40% to 70%		√
Setting steam level		√
Automatic timer shutdown from 1 to 12 h		√
Setting pre-heating water		√
Night light		
Directionality steam flow		√
Remote control		√

LIMPIA PURE

FEATURES

Cold and hot Ultrasound technology
Humidification capacity 300 ml /h (cold steam)
400 ml /h (hot cold)
Tank capacity: 3,5l
Touch controls
Dehumidifing + heating function
Full tank alarm
Humidificable volume: 40 m^2

WATER PRE-HEATING

Thanks to the pre-heating function the product has an highest performance, improving the quantity of the humidity in the air: 30%* more.

TOUCH BUTTONS

Touch bright buttons that are hidden when the product is off, lighted when the product is on.

* Compared to the itself product used in normal conditions.

		LIMPIA PURE
	Code	99483
	EAN	8021183994834
Humidification capacity (cold steam / hot steam)	ml/h	300/400
Humidificable volume	mq	40
Power absorption (cold steam / hot steam)	W	30/90
Heating capacity		2
Tank capacity	l	3,5
Dimensions (W x H x D)	mm	214 x 255 x 214
Weight (without packing)	Kg	1,25
Power supply	V-F-Hz	100-240V, 50/60Hz
Cold and hot ultrasound technology		√
Ionizer		
Touch controls		√
Digital control		
Display		√
Indoor humidity visualizer		√
Tank full light		√
Humidifing + heating function		√
Hot steam function		√
Setting steam level		√
Night light		
Directionality steam flow		√
Remote control		

LIMPIA

FEATURES

Cold Ultrasound technology
Humidification capacity 200 ml /h
Tank capacity: 2,2l
Mechanical controls
Visible Water Level
Full tank alarm
Humidificable volume: 15 m²

QUICK CONTROL

Extremely easy-to-use mechanical control to adjust level of steam emission. A LED will illuminate to indicate that the tank is empty.

COMPACT TECHNOLOGY

Small and compact, Limpia will blend smoothly into any room, thanks to its reduced dimensions.

		LIMPIA
	Code	99673
	EAN	8021183996739
Humidification capacity (cold steam / hot steam)	ml/h	200
Humidificable volume	mq	15
Power absorption (cold steam / hot steam)	W	21
Heating capacity		
Tank capacity	l	2,2
Dimensions (W x H x D)	mm	135 x 281,5 x 226
Weight (without packing)	Kg	0,8
Power supply	V-F-Hz	AC: 100V-240V, 50~60HZ DC: 24V
cold and hot ultrasound technology		√
Ionizer		
Mechanical controls		√
Digital control		
Display		
Indoor humidity visualizer		
Tank empty light		√
Humidifing + heating function		
Hot steam function		
Setting steam level		
Night light		
Directionality steam flow		
Remote control		

LIMPIA **ion**

LIMPIA ION Cod. 99580

FEATURES

Cold Ultrasound technology
Humidification capacity 300 ml /h
3 power settings
Tank capacity: 6 l
8h timer
Visible Water Level
Full tank alarm
Humidificable volume: 40 m^2

ION TECHNOLOGY

The integrated ionizer guarantees cleaner and revitalized air, by releasing negative ions which eliminate positive ones.

DIGITAL CONTROL

Multifunction electronic panel, which can be used to set the desired humidity level, activate the Auto function, select steam emission power and set timer.

CROMO THERAPY

The LED in the water tank changes colour gradually creating an intimate, relaxing atmosphere.

		LIMPIA ION
	Code	99580
	EAN	8021183995800
Humidification capacity (cold steam / hot steam)	ml/h	300
Humidificable volume	mq	40
Power absorption (cold steam / hot steam)	W	30
Heating capacity		
Tank capacity	l	6
Dimensions (W x H x D)	mm	320 x 339 x 183
Weight (without packing)	Kg	1,8
Power supply	V-F-Hz	230-1-50
Cold and hot ultrasound technology		√
Ionizer		√
Mechanical controls		
Electronic control		√
Display		
Indoor humidity visualizer		
Tank empty light		√
Humidifing + heating function		
Hot steam function		
Setting steam level		
Night light		
Cromoteraphy function		√
Adjustable steam nozzle		√

AQUASPA

FEATURES

Cold ultrasound technology
Humidification Capacity 400 ml/h
3 power settings
Tank capacity: 7 l
12 h Timer
Led Display
Auto function: sets the product to achieve optimal humidification level: 55% RH
Visible Water Level
Full tank alarm
Handle
Humidifiable Area: 50 m^2

HOT STEAM FUNCTION

AquaSpa is equipped with a device to activate the Hot Steam function, an effective solution for reducing the amount of airborne bacteria.

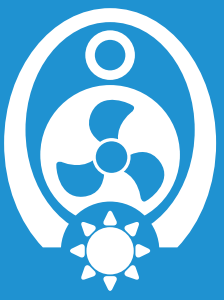
DIGITAL CONTROL

Multifunction electronic panel, which can be used to set the desired humidity level, activate the Auto function, select steam emission power and set timer.

CROMO THERAPY

The LED in the water tank changes colour gradually creating an intimate, relaxing atmosphere.

		AQUASPA
	Code	99672
	EAN	8021183996722
Humidification capacity (cold steam / hot steam)	ml/h	400
Humidificable volume	mq	50
Power absorption (cold steam / hot steam)	W	120
Fan speed		1
Tank capacity	l	7
Dimensions (W x H x D)	mm	200 x 345 x 340
Weight (without packing)	Kg	2,2
Power supply	V-F-Hz	230 - 1 - 50
Cold and hot ultrasound technology		√
Ionizer		
Mechanical controls		
Electronic control		√
Display		√
Indoor humidity visualizer		√
Tank empty light		√
Humidifing + heating function		
Hot steam function		
Setting steam level		
Warm Steam function		√
Cromoteraphy function		√
Adjustable steam nozzle		√



FAN HEATERS

COLOR BLAST

COLOR BLAST ORANGE Cod. 99524
COLOR BLAST FUXIA Cod. 99525
COLOR BLAST LIME Cod. 99526

FEATURES

Needles resistance
Max thermal output: 2000 W
3 modes of operation: fan only -1000W - 2000W
Mechanical control
Safety thermostat
Room Thermostat
Anti-frost function
Internal cord wrapper: the cord totally hides within the casing
Handle
3 available colours
Max room volume: 60 m^3

COMPACT TECHNOLOGY

Extremely compact, only 20 cm high and 11 cm deep. One of the smallest and easiest to carry in its category.

USER FRIENDLY

Mechanical controls for easy and intuitive .

SHOCK COLORS

Color Blast reinvents color: strict functionality and an innovative aesthetic to bring a good mood into your home.
Bright and happy colors and shocking color contrasts.

		COLOR BLAST ORANGE	COLOR BLAST FUXIA	COLOR BLAST LIME
	Code	99524	99525	99526
	EAN	8021183995244	8021183995251	8021183995268
Thermal power (min - max)	W	1000 -2000		
Heating volume (max)	m³	60		
Dimensions (W x H x D)	mm	214 x 247 x 118		
Weight (without packaging)	Kg	1,3		
IP21 certification				
Power supply	V-F-Hz	230 - 1 - 50		
Needle heater		√		
Mechanical controls		√		
Room thermostat		√		
Safety thermostat		√		
24h Timer				
Fan only Function				
Anti-frost Function		√		
Handle		√		
90° Oscillation				
Turnover protection switch				
Housign for power cable / cable winder				

FLUO

FLUO FUXIA Cod. 99565
FLUO ORANGE Cod. 99575

Design by Sebastiano Ercoli
e Alessandro Garlandini

FEATURES

Needles resistance
Max thermal output: 2000 W
3 power settings (800-1200-2000W)
Mechanical control
Safety thermostat
Room Thermostat
Anti-frost function
Internal cord wrapper: the cord totally
Hides within the casing
Handle
2 available colours
Max room volume: 60 m^3

COMPACT TECHNOLOGY

Extremely compact, only 22 cm high and 11 cm deep. One of the smallest and easiest to carry in its category.

USER FRIENDLY

Ergonomic handle and internal cable housing for easy storage.

FLUO SHELLS

Elegant transparent shell with bright fluo colors, made of high quality polypropylene, that guarantees maximum aesthetic quality and durability.

		FLUO ORANGE	FLUO FUXIA
	Code	99575	99565
	EAN	8021183995756	8021183995657
Thermal power (min - max)	W	800 -1200 -2000	
Heating volume (max)	m³	60	
Dimensions (W x H x D)	mm	222 x 291 x 118	
Weight (without packaging)	Kg	1,3	
IP21 certification			
Power supply	V-F-Hz	230 - 1 - 50	
Needle heater		√	
Mechanical controls		√	
Room thermostat		√	
Safety thermostat		√	
24h Timer			
Fan only Function			
Anti-frost Function		√	
Handle		√	
90° Oscillation			
Turnover protection switch			
Housign for power cable / cable winder		√	

BUBBLE

BUBBLE VIOLET Cod. 99522
BUBBLE GREEN Cod. 99523

Design by Sebastiano Ercoli

FEATURES

Needles resistance
IP 21 certification gainst water dripping
Max thermal output: 2000 W
3 power settings (800-1200-2000W)
Mechanical controls
Safety thermostat
Room Thermostat
Anti-frost function
2 available colours
Max room volume: 60 m^3

WATER SAFETY: IP 21

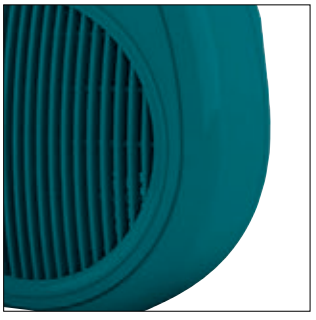
IP 21 approved to ensure safety against vertical water dripping.
Thanks to the special grille design and the shielding of the internal components the product can be used even in the bathroom.

QUICK CONTROL

3 operating speeds and thermostat in a single, user-friendly, "Click and heat" control button.

TRENDY COLORS

Contrasting details and bold colors for a unique effect, thanks to the high precision molds and the optical variation of colors.



		BUBBLE VIOLET	BUBBLE GREEN
	Code	99522	99523
	EAN	8021183995220	8021183995237
Thermal power (min - max)	W	800 - 1200 - 2000	
Heating volume (max)	m³	60	
Dimensions (W x H x D)	mm	230 x 272 x 125	
Weight (without packaging)	Kg	1,1	
IP21 certification		√	
Power supply	V-F-Hz	230 - 1 - 50	
Needle heater		√	
Mechanical controls		√	
Room thermostat		√	
Safety thermostat		√	
24h Timer			
Fan only Function			
Anti-frost Function		√	
Handle		√	
90° Oscillation			
Turnover protection switch			
Housign for power cable / cable winder			

CROMO COLORS

CROMO COLORS LIME Cod. 99520
CROMO COLORS ORANGE Cod. 99521
CROMO COLORS WHITE- ACQUAMARINA Cod. 99612
CROMO COLORS WHITE-VIOLET Cod. 99613

Design by Ercoli & Delponte

FEATURES

Needles resistance
Max thermal output: 2000 W
3 power settings (800-1200-2000W)
Mechanical controls
IP 21 certification gainst water dripping
Safety thermostat
Room Thermostat
Anti-frost function
Cable winder
2 available colours
Max room volume 60 m^3

DOUBLE-SHELL
Thanks to the double-shell system in high quality, extra thick ABS that protects the internal components of the heater, the product is extremely robust and solid.

WATER SAFETY: IP 21
IP 21 approved to ensure safety against vertical water dripping.
Thanks to the special grille design and the shielding of the internal components the product can be used even in the bathroom.

CABLE WINDER
2 flaps located on the rear panel provide an extremely practical solution for cable winding.

QUICK CONTROL
3 operating speeds and thermostat in a single, user-friendly, "Click and heat" control button.

		CROMO COLORS LIME	CROMO COLORS ORANGE	CROMO COLORS WHITE-ACQUAMARINA	CROMO COLORS WHITE-VIOLET
	Code	99520	99521	99612	99613
	EAN	8021183995206	8021183995213	8021183996128	8021183996135
Thermal power (min - max)	W	800 - 1200 - 2000			
Heating volume (max)	m³	60			
Dimensions (W x H x D)	mm	230 x 272 x 125			
Weight (without packaging)	Kg	1,5			
IP21 certification		√			
Power supply	V-F-Hz	230 - 1 - 50			
Needle heater		√			
Mechanical controls		√			
Room thermostat		√			
Safety thermostat		√			
24h Timer					
Fan only Function					
Anti-frost Function		√			
Handle		√			
90° Oscillation					
Turnover protection switch					
Housign for power cable / cable winder		√			

OBLÓ 2.2

OBLO 2.2 Cod. 99574

Design by Dario Tanfoglio

FEATURES

Needles resistance
Superpower: max thermal output 2200 W
3 power settings (800-1400-2200W)
Mechanical control
IP 21 certification gainst water dripping
Safety thermostat
Room Thermostat
Anti-frost function
Internal cord wrapper: the cord totally hides within the casing
Max room volume: 70 m^3

MATT FINISH

Made with high quality plastic, its power is shielded in elegantly and attractively finished shells. The elegant combination of matte and gloss finishes enhances the smooth, rounded shapes of the product.

WATER SAFETY: IP 21

IP 21 approved to ensure safety against vertical water dripping.
Thanks to the special grille design and the shielding of the internal components the product can be used even in the bathroom.

SUPER CALDO

Among the most powerful of its category, up to 2200 W.

		OBLO' 2.2
	Code	99574
	EAN	8021183995749
Thermal power (min - max)	W	800-1400-2200
Heating volume (max)	m³	70
Dimensions (W x H x D)	mm	228 x 317 x 195
Weight (without packaging)	Kg	1,5
IP21 certification		√
Power supply	V-F-Hz	230 - 1 - 50
Needle heater		√
Mechanical controls		√
Room thermostat		√
Safety thermostat		√
24h Timer		
Fan only Function		
Anti-frost Function		√
Handle		
90° Oscillation		
Turnover protection switch		
Housign for power cable / cable winder		√

NEW 2018

CALDOSILENT ECO

CALDOSILENT ECO Cod. 99451

FEATURES

Needles resistance
Superpower: max thermal output 2400 W
2 power settings (1200-2400W)
Fan only function
Mechanical control
IP 21 certification gainst water dripping
Safety thermostat
Room Thermostat
Anti-frost function
Handle
Max room volume: 80 m^3

supersilent
Exclusive technology, designed in Italy
Guaranteed hot and silence

SUPER SILENT
lower sound pressure: up to 3dB (A) less than traditional models.
50%* lower perceived noise.

WATER SAFETY: IP 21
IP 21 approved to ensure safety against vertical water dripping.
Thanks to the special grille design and the shielding of the internal components the product can be used even in the bathroom.

SUPER CALDO
Among the most powerful of its category, up to 2200 W.

* Internal tests on the range Olimpia Splendid

		CALDOSILENT ECO
	Cod.	99451
	EAN	8021183994513
Thermal power (min - max)	W	2400
Power setting	W	0 / 1200 / 2400
Heating volume (max)	m³	80
Dimensions (without packaging) (W x H x D)	mm	267x343x251
Dimensions (with packaging) (Larg. x Alt. x Prof.)	mm	285x360x265
Weight (without packaging)	kg	2,7
Weight (with packaging)	kg	3,0
Insulation class		II
Protection level		IP 21
Ventilation speed		1
Power supply	V-F-Hz	230 - 1 - 50
Power cable		2 x 1
Conformity Mark		CE
Needles resistance		√
24h Timer		
Room thermostat		√
Safety thermostat		√
Fan only Function		√
Wall mount		
Oscillation		
Turnover protection switch		
anti-frost function		√
Power setting		√
Housign for power cable / cable winder		

NEW 2018

CALDOSILENT

CALDOSILENT Cod. 99452

FEATURES

Needles resistance
Superpower: max thermal output 2400 W
2 power settings (1200-2400W)
Fan only function
Mechanical control
IP 21 certification gainst water dripping
Oscillazione 90°
Timer 24h
Safety thermostat
Room Thermostat
Anti-frost function
anti tipover switch
Handle
Max room volume: 80 m^3
Silent System

supersilent
Exclusive technology, designed in Italy
Guaranteed hot and silence

SUPER SILENT
lower sound pressure: up to 3dB (A) less than traditional models.
50%* lower perceived noise.

WATER SAFETY: IP 21
IP 21 approved to ensure safety against vertical water dripping.
Thanks to the special grille design and the shielding of the internal components the product can be used even in the bathroom.

SUPER WARM
Among the most powerful of its category, up to 2200 W.

TIMER
24h programmable timer.

OSCILLATION
90° oscillation for amplified heat distribution.

* Internal tests on the range Olimpia Splendid

		CALDOSILENT
	Code	99452
	EAN	8021183994520
Thermal power (min - max)	W	1200 + 1200
Power setting		0 / 1200 / 2400
Heating volume (max)	m³	80
Dimensions (without packaging) (W x H x D)	mm	267x343x251
Dimensions (with packaging) (Larg. x Alt. x Prof.)	mm	285X360X265
Weight (without packaging)	kg	2,7
Weight (with packaging)	kg	3,0
Insulation class		II
Protection level		IP 21
Ventilation speed		1
Power supply	V-F-Hz	230 - 1 - 50
Power cable		2 x 1
Conformity Mark		CE
Needles resistance		√
24h Timer		√
Room thermostat		√
Safety thermostat		√
Fan only Function		√
Wall mount		
Oscillation		√
Turnover protection switch		√
Humidifier		
Anti-frost Function		√
Power setting		√
Housign for power cable / cable winder		

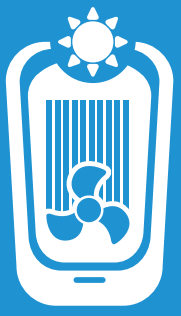
CROMO RADIALE

FEATURES

Needles resistance
Max thermal output: 2000 W
2 power settings (1000-2000W)
Fan only function
Mechanical controls
Radial fan
Safety thermostat
Room Thermostat
Anti-frost function
Max room volume 60 m^3

COMPACT TECHNOLOGY
Small and compact, Cromo Radiale will blend smoothly into any context, thanks to its reduced dimensions.

		CROMO RADIALE
	Code	99546
	EAN	8021183995466
Thermal power (min - max)	W	1000 - 2000
Heating volume (max)	m³	60
Dimensions (W x H x D)	mm	290 x 120 x 240
Weight (without packaging)	Kg	1,5
IP21 certification		
Power supply	V-F-Hz	230 - 1 - 50
Needle heater		√
Mechanical controls		√
Room thermostat		√
Safety thermostat		√
24h Timer		
Fan only Function		√
Anti-frost Function		√
Handle		
90° Oscillation		
Turnover protection switch		
Housign for power cable / cable winder		



CERAMIC FAN HEATERS

RADICAL SMART

Design by Ercoli & Garlandini

FEATURES

PTC high efficiency resistance
Max thermal output: 1800 W
3 power settings (500-1000-1800W)
Mechanical controls
Safety thermostat
Room Thermostat
Anti-frost function
Turnover protection switch
Handle
Max room volume: 50 m^3

COMPACT TECHNOLOGY

Small and compact, Radical Smart will blend smoothly into any context, thanks to its reduced dimensions.

CERAMIC TECHNOLOGY

Ceramic heating element modulates the emission of heat depending on the temperature, avoiding overheating and thus ensuring high levels of security.

		RADICAL SMART
	Code	99544
	EAN	8021183995442
Thermal power (min - max)	W	500 - 1000 - 1800
Heating volume (max)	m³	50
Dimensions (W x H x D)	mm	217 x 307 x 209
Weight (without packaging)	Kg	2,1
Power supply	V-F-Hz	230 - 1 - 50
PTC Heater		√
Room thermostat		√
Safety thermostat		√
Mechanical controls		√
Digital controls		
LCD Display		
Soft touch Keypad		
12h Timer		
Remote control		
90° Oscillation		
Eco Function		
Fan only Function		
Anti-frost Function		√
Turnover protection switch		√
Handle		√

RADICAL TWIN

Radical Twin® is the winner of the GOOD DESIGN AWARD 2014. Founded in Chicago in 1950, GOOD DESIGN is the oldest and most acknowledged international competition for design excellence.

Design by Ercoli & Garlandini

FEATURES

PTC high efficiency resistance
Eco function
Max thermal output: 1800 W
2 power settings (1000 - 1800 W)
LCD display
12h Timer
Safety thermostat
Room Thermostat
Anti-frost function
Only fan function
Turnover protection switch
Remote control
Max room volume: 65 m^3

available only for extra EU market

DOUBLE USE
Free-standing or wall installation

CERAMIC TECHNOLOGY
Ceramic heating element modulates the emission of heat depending on the temperature, avoiding overheating and thus ensuring high levels of security.

DIGITAL CONTROL
Sleek electronic display, fully designed to ensure ease of use.

ECO FUNCTION
It adjusts power absorption according to the temperature setting to reduce consumption.

		RADICAL TWIN
	Code	99550
	EAN	8021183995503
Thermal power (min - max)	W	1000 - 1800 W
Heating volume (max)	m³	65
Dimensions (W x H x D)	mm	190 x 442 x 215
Weight (without packaging)	Kg	2,5
Power supply	V-F-Hz	230 - 1 - 50
PTC Heater		√
Room thermostat		√
Safety thermostat		√
Mechanical controls		
Digital controls		
LCD Display		√
Soft touch Keypad		
12h Timer		√
Remote control		√
90° Oscillation		
Eco Function		√
Fan only Function		√
Anti-frost Function		√
Turnover protection switch		√
Handle		√

RADICAL TORRE METAL

RADICAL TORRE METAL Cod. 99519

Design by Ercoli & Garlandini

FEATURES

PTC high efficiency resistance
Superpower: max thermal output: 2200 W
3 power settings (800-1400-2200W)
Eco function
LCD Display
Digital Control
90° Oscillation
12h Timer
Turnover protection switch
Safety thermostat
Room Thermostat
Anti-frost function
Handle
Max room volume: 70 m³

DIGITAL CONTROL
Sleek electronic display, fully designed to ensure ease of use. The display is used to set the timer (12 h), select the power level or activate the ECO function.

CERAMIC TECHNOLOGY
Ceramic heating element modulates the emission of heat depending on the temperature, guaranteeing high levels of security.

ECO FUNCTION
It adjusts power absorption according to the temperature setting to reduce consumption.

METALLIC FINISHING
With elegant silver inserts.

OSCILLATION
90° oscillation for amplified heat distribution.

SUPER WARM
Among the most powerful of its category, up to 2200 W.

		RADICAL TORRE METAL
	Code	99519
	EAN	8021183995190
Thermal power (min - max)	W	ECO - 1400 - 2200
Heating volume (max)	m³	70
Dimensions (W x H x D)	mm	217 x 525 x 209
Weight (without packaging)	Kg	3,0
Power supply	V-F-Hz	230 - 1 -50
PTC Heater		√
Room thermostat		√
Safety thermostat		√
Mechanical controls		
Digital controls		√
LCD Display		√
Soft touch Keypad		
12h Timer		√
Remote control		√
90° Oscillation		√
Eco Function		√
Fan only Function		√
Anti-frost Function		√
Turnover protection switch		√
Handle		√

NEW 2018

CALDODESIGN

CALDODESIGN Cod. 99447

FEATURES

Max thermal output: 1800 W
Ceramic Resistance
Room Thermostat
Safety thermostat
Fan only function
Anti-frost function
Power selection
Tilt adjustment
2 LED indicator
Mechanical control

CERAMIC TECHNOLOGY

Ceramic heating element modulates the emission of heat depending on the temperature, guaranteeing high levels of security.

COMPACT TECHNOLOGY

Small and compact, Caldodesign will blend smoothly into any context, thanks to its reduced dimensions.

TILT ADJUSTMENT

		CALDODESIGN
	Cod.	99447
	EAN	8021183994476
Thermal power (min - max)	W	1000 + 800
Power setting		0 / 1000 / 1800
Dimensions (Larg. x Alt. x Prof.)	mm	245 x 248 x 216
Dimensions (with packaging) (Larg. x Alt. x Prof.)	mm	275 x 275 x 235
Weight (without packaging)	kg	1,8
Weight (with packaging)	kg	2,2
Insulation class		II
Protection level		IP X0
Fan speed		1
Power supply	V-F-Hz	220-240 - 1 - 50
Power cable		2 x 1
Conformity Mark		CE
ceramic resistance		√
Timer		
Room thermostat		√
Safety thermostat		√
Fan only function		√
Oscillation		
Turnover protection switch		
Anti-frost function		√
Power setting		√

NEW 2018

CALDOSTILE M

CALDOSTILE M Cod. 99448

FEATURES

Max thermal output: 2000 W
2 power level (1200 - 2000 W)
Ceramic Resistance
Room Thermostat
Safety thermostat
Only fan function
Anti-frost function
Power selection
Mechanical control

CERAMIC TECHNOLOGY

Ceramic heating element modulates the emission of heat depending on the temperature, guaranteeing high levels of security.

MECHANICAL CONTROL

Easy to use thanks to intuitive and simple mechanical controls.

ANTI-FROST FUNCTION

		CALDOSTILE M
	Cod.	99448
	EAN	8021183994483
Thermal power (min - max)	W	1200 + 800
Power setting		0 / 1200 / 2000
Dimensions (Larg. x Alt. x Prof.)	mm	210x305x158
Dimensions (with packaging) (Larg. x Alt. x Prof.)	mm	240x335x188
Weight (without packaging)	kg	1,4
Weight (with packaging)	kg	1,8
Insulation class		II
Protection level		IP X0
Fan speed		1
Power supply	V-F-Hz	220-240 - 1 - 50
Power cable		2 x 1
Conformity Mark		CE
ceramic resistance		√
Timer		
Room thermostat		√
Safety thermostat		√
Fan only function		√
Oscillation		
Turnover protection switch		
Anti-frost function		√
Power setting		√
LED indicators		√
Tilt adjustment		√

NEW 2018

CALDOSTILE D

CALDOSTILE D Cod. 99449

FEATURES

Max thermal output: 2000 W
Ceramic Resistance
Timer
Display touch LCD
Room Thermostat
Safety thermostat
Only fan function
90° Oscillation
Turnover protection switch
Anti-frost function

DISPLAY TOUCH LCD
Soft touch keyboard.

REMOTE CONTROL

CERAMIC TECHNOLOGY
Ceramic heating element modulates the emission of heat depending on the temperature, guaranteeing high levels of security.

OSCILLATION
90° oscillation for amplified heat distribution.

TIMER

		CALDOSTILE D
	Cod.	99449
	EAN	8021183994490
Thermal power (min - max)	W	1200 + 800
Power setting		0 / 1200 / 2000
Dimensions (Larg. x Alt. x Prof.)	mm	238x337x173
Dimensions (with packaging) (Larg. x Alt. x Prof.)	mm	268x367x203
Weight (without packaging)	kg	1,8
Weight (with packaging)	kg	2,2
Insulation class		II
Protection level		IP X0
Fan speed		1
Power supply	V-F-Hz	220-240 - 1 - 50
Power cable		2 x 1
Conformity Mark		CE
ceramic resistance		√
Timer		√
Room thermostat		√
Safety thermostat		√
Fan only function		√
Oscillation		√
Turnover protection switch		√
Anti-frost function		√
Power setting		√
Remote control		√

NEW 2018

CALDOSTILE **DT**

CALDOSTILE DT Cod. 99450

FEATURES

Max thermal output: 2200 W
Ceramic Resistance
Timer
Display touch LCD
Room Thermostat
Safety thermostat
Only fan function
Oscillation
Turnover protection switch
Anti-frost function
Power setting
Remote control

DISPLAY TOUCH LCD
Soft touch keyboard.

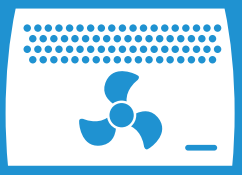
REMOTE CONTROL

SUPER POWER
Up to 2200 W.

OSCILLATION
90° oscillation for amplified heat distribution.

TIMER

		CALDOSTILE DT
	Cod.	99450
	EAN	8021183994506
Thermal power (min - max)	W	1100 + 2200
Power setting		0 / 1100 / 2200
Dimensions (Larg. x Alt. x Prof.)	mm	215x548x215
Dimensions (with packaging) (Larg. x Alt. x Prof.)	mm	245x578x245
Weight (without packaging)	kg	2,6
Weight (with packaging)	kg	3,2
Insulation class		II
Protection level		IP X0
Fan speed		1
Power supply	V-F-Hz	220-240 - 1 - 50
Power cable		2 x 1
Conformity Mark		CE
Ceramic resistance		√
Timer		√
Room thermostat		√
Safety thermostat		√
Fan only function		√
Oscillation		√
Turnover protection switch		√
Anti-frost function		√
Power setting		√
Remote control		√



THERMOCONVECTORS

CALEO

Design by Ercoli & Garlandini

FEATURES

Max thermal output: 2000 W
3 power settings: 750 - 1250 - 2000 W
Mechanical controls
Safety thermostat
Wall or floor installation
Wall mounting kit included
Max room volume: 60 m³

FAST HEATING
The design of the grille in the upper part widens the convection range, making Caleo a very low inertia convector, ideal when a room needs to be heated very quickly.

METAL FRAME
The clean shape, lightness and solidity of Caleo are made possible by the painted metal frame and shell.

COMPACT TECHNOLOGY
Extremely compact shape and only 12 cm thick.

DOUBLE USE
Free-standing or wall installation.

		CALEO 2
	Code	99553
	EAN	8021183995534
Thermal power (Min - Med - Max)	W	750 - 1250 - 2000
Heating volume (max)	m³	60
Dimensions (W x H x D)	mm	638 x 475 x 120
Weight (without packaging)	Kg	4,3
Power supply	V-F-Hz	230 - 1 - 50
Room Thermostat		√
Safety Thermostat		√
Wall installation		√
Eco function		
Anti-frost Function		√
Turbo Function		
24h Timer		

CALEO T / CALEO TT

CALEO T Cod. 99552
CALEO TT Cod. 99551

Design by Ercoli & Garlandini

FEATURES

Max thermal output: 2000 W
3 power settings: 1000 - 1000+fan 2000 +fan
Mechanical controls
Safety thermostat
Wall or floor installation
Turbo Function: auxiliary fan
24h Timer (only Caleo TT)
Wall mounting kit included
Max room volume: 60 m³

FAST HEATING
The design of the grille in the upper part widens the convection range, making Caleo a very low inertia convector, ideal when a room needs to be heated very quickly.

METAL FRAME
The clean shape, lightness and solidity of Caleo are made possible by the painted metal frame and shell.

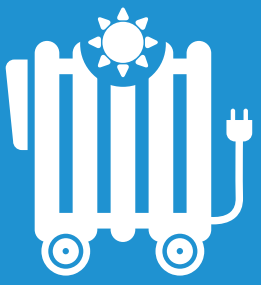
COMPACT TECHNOLOGY
Extremely compact shape and only 12 cm thick.

DOUBLE USE
Free-standing or wall installation.

TIMER
24h timer programming. (only TT version)

TURBO FUNCTION
The turbo mode with auxiliary ventilation maximizes heat distribution for an immediate heating and maximum comfort.

		CALEO 2 TURBO	CALEO 2 TURBO TIMER
	Code	99552	99551
	EAN	8021183995527	8021183995510
Thermal power (Min - Med - Max)	W	1000 - 1000+fan - 2000+fan	1000 - 1000+fan - 2000+fan
Heating volume (max)	m³	70	70
Dimensions (W x H x D)	mm	638 x 475 x 120	638 x 475 x 120
Weight (without packaging)	Kg	4,3	4,3
Power supply	V-F-Hz	230 - 1 - 50	230 - 1 - 50
Room Thermostat		√	√
Safety Thermostat		√	√
Wall installation		√	√
Eco function			
Anti-frost Function		√	√
Turbo Function		√	√
24h Timer			√



RADIATORS

CALDORAD

CALDORAD 7 Cod. 99620
CALDORAD 9 Cod. 99619
CALDORAD 9TT Cod. 99617
CALDORAD 11 Cod. 99618

CALDORAD 7

CALDORAD 9

CALDORAD 9 TT

CALDORAD 11

FEATURES

4 different versions:
- CaldoRad 7 (max thermal output 1500 W)
- CaldoRad 9 (max thermal output 2000 W)
- CaldoRad 11 (max thermal output 2500 W)
- CaldoRad 9 TT (max thermal output 2000 + 400 W)

Mechanical controls
Safety thermostat
Room thermostat
Turnover protection switch
Anti-frost function
Handles
Wheels
Cable winder
24h timer*

SUPER INERTIA
The special engineering of the metal elements and openings on the sides, enable heat to be spread homogeneously and guarantee long heating maintenance times. Ideal for heating large rooms.

ECO FUNCTION
CaldoRad, thanks to the Eco function, is able to modulate the input power depending on the measured temperature, reducing the consumption and increasing the comfort levels.

SILENT SYSTEM
Oil-filled radiators can heat rooms in complete silence.

TIMER*
24 h timer programming. (only 9 TT version)

* Available only on model Caldorad 9TT

		CALDORAD 7	CALDORAD 9	CALDORAD 11	CALDORAD 9TT
	Code	99620	99619	99618	99617
	EAN	8021183996203	8021183996197	8021183996180	8021183996173
Thermal power (Min - Med - Max)	W	ECO 700 - 800 - 1500	ECO 1000 - 1000 - 2000	ECO 1200-1300 -2500	ECO 1000-1000-2000 (+400)
Heating volume (max)	m³	50	50	75	75
Dimensions (W x H x D)	mm	235 x 620 x 340	235 x 620 x 420	235 x 620 x 500	235 x 620 x 420
Thickness					
Weight	Kg	8,7	10,4	12,3	11
Oil	l	2,2	2,8	3,3	2,8
Power supply	V-F-Hz	230 - 1 - 50	230 - 1 - 50	230 - 1 - 50	230 - 1 - 50
24h Timer					√
Environment thermostat		√	√	√	√
Safety thermostat		√	√	√	√
Ventilation function					√
Turnover protection switch		√	√	√	√
Eco Function		√	√	√	√
Anti-frost Function		√	√	√	√
Wheels		√	√	√	√
Handles		√	√	√	√
Power supply cable housing		√	√	√	√

CALDORAD 7/9 DIGITAL

CALDORAD 7 DIGITAL Cod. 99623
CALDORAD 9 DIGITAL Cod. 99622

CALDORAD 9 DIGITAL

CALDORAD 7 DIGITAL

FEATURES

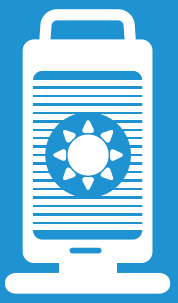
2 different versions:
CaldoRad 7 Digital (max thermal output: 1500W)
CaldoRad 9 Digital (max thermal output 2000W)
Digital controls
2 power settings (from 700 to 2000 W)
Display LCD
24h timer
Handles
Wheels
Safety thermostat
Room thermostat
Anti turn over switch
Cable winder

SUPER INERTIA
The special engineering of the metal elements and openings on the sides, enable heat to be spread homogeneously and guarantee long heating maintenance times. Ideal for heating large rooms.

TIMER
24 h timer programming.

SILENT SYSTEM
Oil-filled radiators can heat rooms in complete silence.

		CALDORAD 7 DIGITAL	CALDORAD 9 DIGITAL
	Code	99623	99622
	EAN	8021183996234	8021183996227
Thermal power (Min - Med - Max)	W	700 - 1500	1000 - 2000
Heating volume (max)	m³	50	50
Dimensions (W x H x D)	mm	243 x 620 x 340	235 x 620 x 420
Thickness			
Weight	Kg	8,9	10,6
Oil	l	2,2	2,8
Power supply	V-F-Hz	230 - 1 - 50	230 - 1 - 50
24h Timer		√	√
Environment thermostat		√	√
Safety thermostat		√	√
Ventilation function			
Turnover protection switch		√	√
Eco Function			
Anti-frost Function		√	√
Wheels		√	√
Handles		√	√
Power supply cable housing		√	√



INFRARED HEATERS

SOLARIA EVO

FEATURES

3 power settings (400 - 800 - 1200 W)
90° Oscillation
Safety thermostat
Anti turn over switch
Handle
Max room volume: 45 m^3

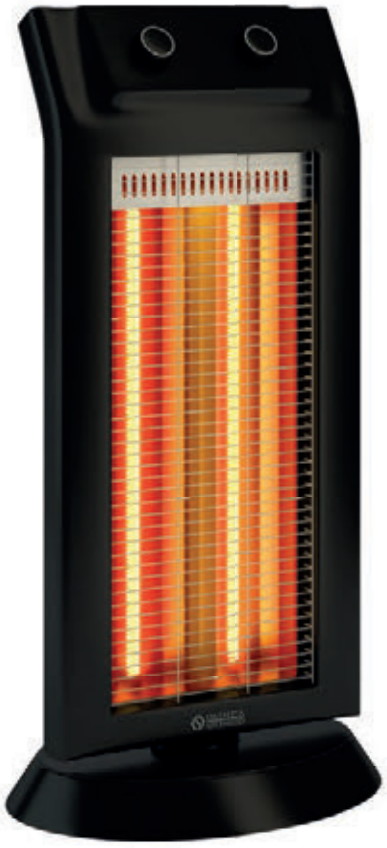
HALOGEN TECHNOLOGY
Maximum heating speed. Halogen technology guarantees uniform comfort and extreme rapidity.

OSCILLATION
90° oscillation for amplified heat distribution.

USER FRIENDLY
Practical and ergonomic handle, for an even easier trasport.

		SOLARIA EVO
	Code	99545
	EAN	8021183995459
Thermal power	W	400 - 800 - 1200
Humidifier power absorption	W	-
Heating volume (max)	m³	45
Dimensions (W x H x D)	mm	585 x 325 x 222
Weight	Kg	1,8
Power supply	V-F-Hz	220/240 - 1 50/60
Safety thermostat		√
Oscillating function		√
Turnover protection switch		√
Handle		

CARBON BLACK



FEATURES

Max thermal output 1100 W
2 power settings (600 - 1100 W)
Mechanical controls
90° Oscillation
Safety thermostat
Anti turn over switch
Handle
Max room volume: 45 m^3

CARBON TECHNOLOGY

The infrared lamps are made in carbon fibre, an ecological technology that makes the most of heating by minimizing light dispersion.

OSCILLATION

90° oscillation for amplified heat distribution.

		CARBON BLACK
	Code	99579
	EAN	8021183995794
Thermal power	W	550 - 1100
Humidifier power absorption	W	-
Heating volume (max)	m³	45
Dimensions (W x H x D)	mm	320 x 640 x 240
Weight	Kg	2,2
Power supply	V-F-Hz	220/240 - 1 50/60
Safety thermostat		√
Oscillating function		√
Turnover protection switch		√
Handle		√

SOLARIA CARBON

FEATURES

Max hermal output 1100 W
2 power settings (600 - 1100 W)
Mechanical controls
90° Oscillation
Radiation direction: the lamp can be inclined up to 80 ° orienting the heat upwards
Safety thermostat
Anti turn over switch
Handle
Max room volume: 45 m^3

CARBON TECHNOLOGY

The infrared lamps are made in carbon fibre, an ecological technology that makes the most of heating by minimizing light dispersion.

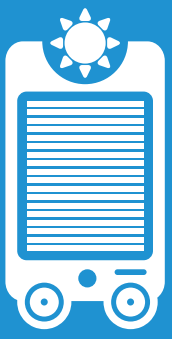
OSCILLATION

90° oscillation for amplified heat distribution.

ORIENTING

The infrared lamp can be inclined up to 80 ° orienting the heat upwards, for greater heating comfort.

		SOLARIA CARBON
	Code	99610
	EAN	8021183996104
Thermal power	W	600 - 1100
Humidifier power absorption	W	-
Heating volume (max)	m³	45
Dimensions (W x H x D)	mm	456 x 690 x 170
Weight	Kg	3,2
Power supply	V-F-Hz	230 - 1 - 50
Safety thermostat		√
Oscillating function		√
Turnover protection switch		√
Handle		√



GAS STOVES

PRATICA / PRATICA TURBO THERMO

PRATICA Cod. 99801
PRATICA TURBO THERMO Cod. 99799

PRATICA

PRATICA TURBO THERMO

FEATURES

Max thermal output: 3100 W
3 power settings (2000 - 2500 - 3100 W)
Fuel: LPG
Crossflow fan: Pratica Turbo Thermo has a crossflow fan which allows faster and more uniform heating
Enamelled steel body
Space for 15 kg cylinder
IMQ mark
Pressure regulator
Valve tap
Gas hose and Pressure Regulator included
Max room volume: 80 m^3

MADE IN ITALY
Guaranteed quality and safety.

DOUBLE SAFETY
Double safety system thanks to the atmosphere analyzer that:
- automatically turns off the heater if the carbon dioxide level in the air reaches 1,5%;
- automatically cuts off the gas flow in case of accidental switch off of the heater

IMQ MARK
The IMQ mark is issued by the Italian Quality Mark Institute and guarantees conformity with the safety requirements of a product and of the materials it is made of.

		PRATICA BLACK	PRATICA TURBO THERMO
	Code	99801	99799
	EAN	8021183998016	8021183997996
Fuel		LPG	LPG
Gas supply pressure	mbar	30 - 37	30 - 37
Nominal thermal flow - Pn (max-med-min)	KW	3,1 - 2,5 - 2	3,1 - 2,5 - 2
Rated consumption (max-med-min)	g / h	210 - 180 - 150	210 - 180 - 150
Heating volume (min - max)	m³	80	140
Dimensions (H x W x D)	mm	780 x 430 x 330	780 x 430 x 330
Weight	Kg	11,3	13,0
Weight (without packaging)	Kg	10,1	11,8
Electrical heating power	W	-	1000 + 1000
Infrared Technology			
Gas safety valve		√	√
Pressure regulator		√	√
Indoor thermostat			
Steel structure		√	√
Pilot burner		√	√
Safety system with atmosphere analyser		√	√
Great movement wheels		√	√
Piezoelectric ignition		√	√
Wall fixing			
Fan			√
Indicator light			

PRATICA INFRA / INFRA TURBO THERMO

PRATICA INFRA BLACK	Cod. 99481
PRATICA INFRA SILVER	Cod. 99797
PRATICA INFRA SILVER/WHITE	Cod. 99479
PRATICA INFRA TURBO THERMO	Cod. 99795

PRATICA INFRA BLACK

PRATICA INFRA TURBO THERMO

PRATICA INFRA SILVER/WHITE

PRATICA INFRA SILVER

FEATURES

Max thermal output: 4200 W
3 power settings (1400 - 2800 - 4200 W)
Fuel: LPG
Crossflow fan: Pratica Infra Turbo Thermo has a crossflow fan which allows faster and more uniform heating
Enamelled steel body
Space for 15 kg cylinder
IMQ mark
Pressure regulator
Valve tap
Gas hose and Pressure Regulator included
Max room volume: 120 m^3

MADE IN ITALY

Guaranteed quality and safety.

DOUBLE SAFETY

Double safety system thanks to the atmosphere analyzer that:
- automatically turns off the heater if the carbon dioxide level in the air reaches 1,5%;
- automatically cuts off the gas flow in case of accidental switch off of the heater

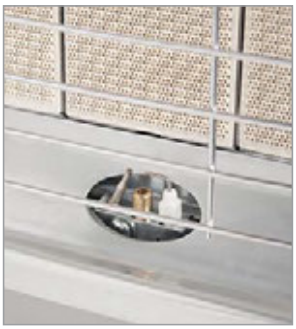
IMQ MARK

The IMQ mark is issued by the Italian Quality Mark Institute and guarantees conformity with the safety requirements of a product and of the materials it is made of.

INFRARED TECHNOLOGY

To heat faster and effectively, the radiant group is composed of ceramic plates, that can be managed independently and capable of delivering different powers of heat. The infrared technology allows heating without wasting energy. The infrared technology does not heat the air but only the surfaces, allowing considerable savings in consumption.

		PRATICA INFRA BLACK	PRATICA INFRA SILVER	PRATICA INFRA SILVER/WHITE	PRATICA INFRA TURBO THERMO
	Code	99481	99797	99479	99795
	EAN	8021183994810	8021183997972	8021183994797	8021183997958
Fuel		GPL	GPL	GPL	GPL
Gas supply pressure	mbar	30 - 37	30 - 37	30 - 37	30 - 37
Nominal thermal flow - Pn (max-med-min)	KW	4,2 - 2,8 - 1,4	4,2 - 2,8 - 1,4	4,2 - 2,8 - 1,4	4,2 - 2,8 - 1,4
Rated consumption (max-med-min)	g / h	300 - 190 - 110	300 - 190 - 110	300 - 190 - 110	300 - 190 - 110
Heating volume (min - max)	m³	120	120	120	140
Dimensions (H x W x D)	mm	780 x 430 x 330	780 x 430 x 330	780 x 430 x 330	780 x 430 x 330
Weight	Kg	13,6	13,6	13,6	15,3
Weight (without packaging)		-	12,4	-	14,1
Electrical heating power	W	-	-	-	1000 + 1000
Infrared Technology		√	√	√	√
Gas safety valve		√	√	√	√
Pressure regulator		√	√	√	√
Indoor thermostat					
Steel structure		√	√	√	√
Pilot burner		√	√	√	√
Safety system with atmosphere analyser		√	√	√	√
Great movement wheels		√	√	√	√
Piezoelectric ignition		√	√	√	√
Wall fixing					
Fan					√
Indicator light					



INFRA METANO / SUPER INFRA METANO TURBO

INFRA METANO BLUE Cod. 99897
INFRA METANO GRAY Cod. 99892
SUPER INFRA METANO TURBO Cod. 99827

INFRA METANO BLUE

SUPER INFRA METANO TURBO

INFRA METANO GRAY

FEATURES

Max thermal output: 4200 W
3 power settings: Infra Metano versions (1400 - 2800 - 4000 W)
Super Infra Metano version (1400 - 2800 4200 W)
Fuel: Methane
Crossflow fan:Super Infra Metano Turbo has a crossflow fan which allows faster and more uniform heating
Enamelled steel body
Wall or floor installation
Pressure regulator
Valve tap
Max room volume: 120 m^3

INFRARED TECHNOLOGY

To heat faster and effectively, the radiant group is composed of ceramic plates, that can be managed independently and capable of delivering different powers of heat. The infrared technology allows heating without wasting energy. The infrared technology does not heat the air but only the surfaces, allowing considerable savings in consumption.

DOUBLE SAFETY

Double safety system thanks to the atmosphere analyzer that:
- automatically turns off the heater if the carbon dioxide level in the air reaches 1,5%;
- automatically cuts off the gas flow in case of accidental switch off of the heater

MADE IN ITALY

Guaranteed quality and safety.

		INFRA METANO BLUE	INFRA METANO GRAY	SUPER INFRA METANO TURBO
	Code	99897	99892	99827
	EAN	8021183998979	8021183998924	8021183998276
Fuel		Methane	Methane	Methane
Gas supply pressure	mbar	20	20	20
Nominal thermal flow - Pn (max-med-min)	KW	4- 2,8 - 1,4	4- 2,8 - 1,4	4- 2,8 - 1,4
Rated consumption (max-med-min)	g / h	0,41 - 0,27 - 0,15	0,41 - 0,27 - 0,15	0,41 - 0,27 - 0,15
Heating volume (min - max)	m^3	100	100	100
Dimensions (H x W x D)	mm	630 x 405 x 130	630 x 405 x 130	630 x 405 x 130
Weight	Kg	11	11	11
Electrical heating power	W			
Infrared Technology		√	√	√
Gas safety valve		√	√	√
Pressure regulator				
Indoor thermostat				
Steel structure		√	√	√
Pilot burner		√	√	√
Safety system with atmosphere analyser		√	√	√
Great movement wheels				
Piezoelectric ignition		√	√	√
Wall fixing		√	√	√
Fan				
Indicator light				

SG SERIES

SG 45 T WHITE Cod. 99738
SG 45 T GREY Cod. 99733
SG 45 T BROWN Cod. 99732

WHITE / GREY / BROWN

FEATURES

MMax thermal output: 4000 W
Fuel: Methane - LPG
Body in porcelain finish steel
Safety valve
Room thermostat
Stainless steel gas burner
3 colours available: white, grey and brown
Max room volume: 75 m^3

MADE IN ITALY
Guaranteed quality and safety.

SG 80 T SG 90 T TURBO

SG 80 T Cod. 99737
SG 90 T TURBO Cod. 99734

FEATURES

Max thermal output: 8000 W - 9000 W
Fuel: Methane - LPG
Body in porcelain finish steel
Safety valve
Room thermostat
Double safety thermostat
Stainless steel gas burner
Max room volume: 230 - 260 m^3

MADE IN ITALY
Guaranteed quality and safety.

SG 120 T SG 125 T TURBO

SG 120 T Cod. 99736
SG 125 T TURBO Cod. 99735

FEATURES

Max thermal output: 12000 W
Fuel: Methane - LPG
Body in porcelain finish steel
Safety valve
Room thermostat
Double safety thermostat
Max room volume: 335 m^3

MADE IN ITALY
Guaranteed quality and safety.

		SG45 GRAY	SG45 WHITE	SG45 BROWN	SG 80 T	SG120 T	SG 90 T TURBO	SG 125 T TURBO
	Code	99733	99738	99732	99737	99736	99734	99735
	EAN	8021183997330	8021183997385	8021183997323	8021183997378	8021183997361	8021183997347	8021183997354
Fuel		Methane - LPG	Methane - LPG	Methane - LPG	Methane - LPG	Methane - LPG	Methane - LPG	Methane - LPG
Gas supply pressure	mbar	20			20	20	20	20
Nominal thermal flow - Pn (max-med-min)	KW	4			8	11	9	11
Rated consumption (max-med-min)	g / h	0,42			0,85	1,16	0,95	1,16
Heating volume (min - max)	m³	55 - 75			125 - 230	215 - 335	140 - 260	215 - 335
Dimensions (H x W x D)	mm	600 x 400 x 245			720 x 720 x 260	720 x 900 x 260	720 x 780 x 260	720 x 900 x 260
Weight	kg	12			26	33	31	36
Electrical heating power	W							
Infrared Technology					√			
Gas safety valve		√			√	√	√	√
Pressure regulator								
Indoor thermostat					√	√	√	√
Steel structure		√			√	√	√	√
Pilot burner		√			√	√	√	√
Safety system with atmosphere analyser								
Great movement wheels								
Piezoelectric ignition		√			√	√	√	√
Wall fixing								
Fan							√	√
Indicator light							√	√

PERSONAL COMFORT

DOLCENOTTE / DOLCENOTTE 1 1/2

DOLCENOTTE SINGLE Cod. 99517
DOLCENOTTE 1 1/2 Cod. 99516

FEATURES

Color: White
Carbon fiber Technology
Hypoallergenic, antibacterial and anti-mite
Operation at low voltage: 12 Volt
Soft Fabric in polyester fiber
Single bed model Power: 55 W
Single and half bed model: 70 W
Adjustable power
Programmable timer with 3 different durations 1h, 2h o 9h.
Lightweight and flexible as a normal sheet
Antistatic
Washable / It can be ironed
Safe even in case of contact with liquids
Fireproof and self-extinguishing
Adjustable bed corner elastics

ANTISHOCK SYSTEM
Operation at low voltage, only 12V. Total safety thanks to the transformation system of the low voltage current. The electronic transformer is made in accordance with the strictest safety standards to ensure the highest isolation of the main electricity supply net. Safe even in the event of accidental contact with liquids.

ENERGY SAVING
Only 55W of absorption, for the single bed and only 70W for the single bed and a half.

CARBONTEXTURE®
Same lightness and flexibility of a normal sheet thanks to the extremely thin carbon fiber woven within the fabric. Uniform and constant irradiation over the entire surface. Made of fireproof and self-extinguishing material.

The IMQ mark is issued by the Italian Quality Mark Institute and guarantees conformity with the safety requirements of a product and of the materials it is made of.

TIMER
With 3 power levels and programmable timer for 1, 2 or 9 hours of operation.

WASHED&IRONED
It can be hand washed and ironed.

		DOLCENOTTE SINGLE	DOLCENOTTE 1 1/2
	Code	99517	99516
	EAN	8021183995176	8021183995169
Heated area dimensions	cm	188x82	188x120
Power Supply		230VAC 50HZ/12V	230VAC 50HZ/12V
Thermal power	W	55	70
Color		White/white	White/white
Programmable timer		√	√
Transformer		included	included

DOLCENOTTE DOUBLE

DOLCENOTTE DOUBLE Cod. 99518

FEATURES

Color: White
Carbon fiber Technology
Hypoallergenic, antibacterial and anti-mite
Operation at low voltage: 12 Volt
Soft Fabric in polyester fiber
Power: 2x55 W
2 independent controls
Adjustable power
Programmable timer with 3 different durations 1h, 2h o 9h.
Lightweight and flexible as a normal sheet
Antistatic
Washable / It can be ironed
Safe even in case of contact with liquids
Fireproof and self-extinguishing
Adjustable bed corner elastics

ANTISHOCK SYSTEM

Operation at low voltage, only 12V. Total safety thanks to the transformation system of the low voltage current. The electronic transformer is made in accordance with the strictest safety standards to ensure the highest isolation of the main electricity supply net. Safe even in the event of accidental contact with liquids.

ENERGY SAVING

Only 55W of absorption, for the single bed and only 70W for the single bed and a half.

CARBONTEXTURE®

Same lightness and flexibility of a normal sheet thanks to the extremely thin carbon fiber woven within the fabric. Uniform and constant irradiation over the entire surface. Made of fireproof and self-extinguishing material.

The IMQ mark is issued by the Italian Quality Mark Institute and guarantees conformity with the safety requirements of a product and of the materials it is made of.

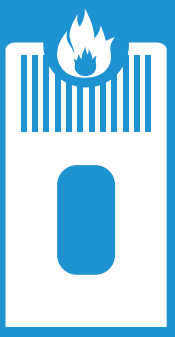
TIMER

With 3 power levels and programmable timer for 1, 2 or 9 hours of operation.

WASHED&IRONED

It can be hand washed and ironed.

		DOLCENOTTE DOUBLE
	Code	99518
	EAN	8021183995183
Heated area dimensions	cm	188x165
Power Supply		230VAC 50HZ/12V
Thermal power	W	55x2
Color		White/white
Programmable timer		√
Transformer		2 included



PELLET STOVES

MIA

The first **modern pellet stove**, stackable and customizable. .

MIA IS UNIQUE, NOT ONLY IN ITS DESIGN but also in its technology and high-quality materials.

MADE IN ITALY

MIA, a warranty of quality and experience.

HIGH EFFICIENCY

Excellent performances: average productivity higher than 91% on the whole range.

TOTAL CUSTOMIZATION

MIA's combustion chamber is embedded in a structure which, thanks to the standardized dimensions, allows complete modularity with the whole range of available accessories. The front covers system allows MIA to suit any architectural style.
Mia Stile is characterized by its contemporary design, with versatile and elegant shapes that suit any environment perfectly, from the most modern to the most classical.
Mia Vertical is characterized by a simple aesthetic, with sharp lines and compact shapes, in a real Industrial style, for more urban tastes and minimal environments.

Mia Stile

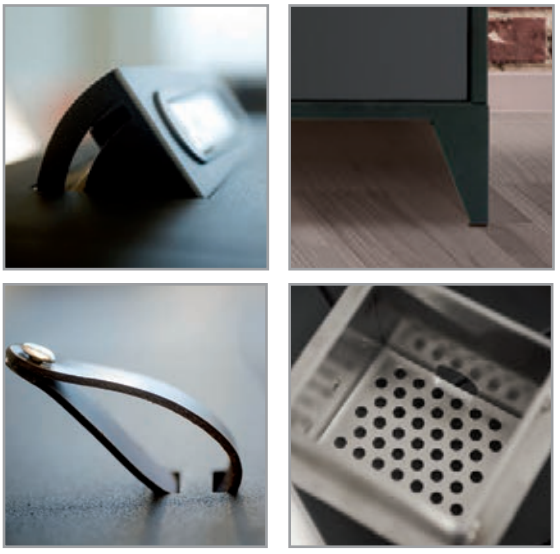
Mia Vertical

A WORLD OF ACCESSORIES

Thanks to the range of available accessories, every Mia stove is a unique piece, custom-tailored for the most diverse needs. All the accessories are compatible with all sizes and can be placed on both sides of the stove.
There are two basic modules, with the following dimensions: 40x40 or 80x40 cm, and they both can be combined with the shelves and doors.

HIGH QUALITY OF MATERIALS

The fireplace and the brazier are made of thick inox steel, which ensures durability in time and makes maintenance extremely easy.
The user-friendly display is completely integrated in the design thanks to the hidden closure mechanism.
To complete the structure, there are a real leather lace with a laser-manufactured button that simplifies the opening of the structure's door, and interior design legs in a contemporary style.



DESIGN OF EXCELLENCE

Simplicity and lightness are the main feature of Mia, its modern design has been awarded in some of the most famous international Design contests.

reddot design award 2015

MIA has been awarded the REDDOT DESIGN 2015 price, for the perfect integration between technology and design.

GOOD DESIGN

Mia has been awarded the GOOD DESIGN 2015 price, released by the prestigious Chicago University.

MIA 2 7,5

MIA, a stove with endless options.

reddot design award 2015

GOOD DESIGN

MIA2 7,5 (STOVE UNIT ONLY) Cod. 99469

TÜVRheinland

FEATURES

Firebox thermal power (min - max): 3,4-7,3 KW
Power (min - max): 3,11-6,8 KW
Average Efficiency: 91,6%
Heating volume: 80m² - 229m³
Operating autonomy: 13,9 h*
Capacious tank: 15kg of pellet capacity, equal to 1 bag of pellets to guarantee a long operating time
Programmable electronic control system
Integrated display, adjustable and user-friendly
Double door with magnetic closure
Internal door seal in "Glass fiber"
Multifunction remote control

Covers available in the colors:

PLUS

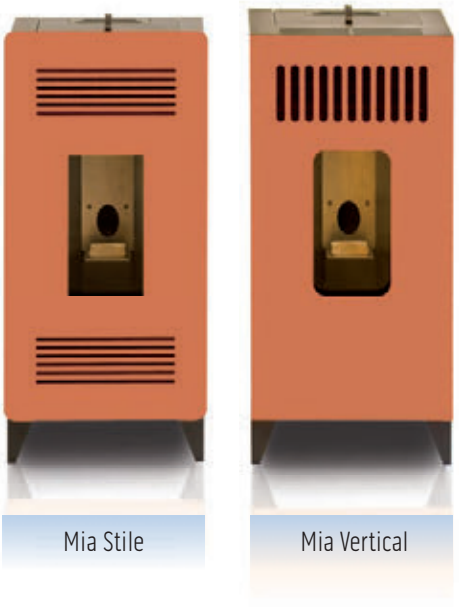
Display with daily and weekly programming.

Combustion chamber system with front access.

Extremely compact dimensions, only 52 cm of depth.

Extremely reduced consumption.

TOTAL FLAT front aesthetic



Mia Stile

Mia Vertical

*at average functioning and 15kg of pellet

MIA 2 9

reddot design award 2015

GOOD DESIGN

MIA2 9 (STOVE UNIT ONLY) Cod. 99477

TÜVRheinland

FEATURES

Firebox thermal power (min-max): 3,25-8,5 KW
Power (min-max): 3,07-7,9 KW
Average Efficiency: 92,3%
Heating volume: 110m² - 300m³
Operating autonomy: 12,2 h*
Capacious tank: 15kg of pellet capacity, equal to 1 bag of pellets to guarantee a long operating time
Programmable electronic control system
Integrated display, adjustable and user-friendly
Double door with magnetic closure
Internal door seal in "Glass fiber"
Multifunction remote control

Covers available in the colors:

PLUS

Display with daily and weekly programming.
Combustion chamber system with front access.
Extremely compact dimensions, only 52 cm of depth.
Extremely reduced consumption.
TOTAL FLAT front aesthetic

Mia Stile

Mia Vertical

*at average functioning and 15kg of pellet

MIA 2 11

MIA2 11 (STOVE UNIT ONLY) Cod. 99476

FEATURES

Firebox thermal power (min-max): 3,25-10 KW
Power (min-max): 3,07-9,2 KW
Average Efficiency: 91,5%
Heating volume: 140m² - 380m³
Operating autonomy: 10,8 h*
Capacious tank: 15kg of pellet capacity, equal to 1 bag of pellets to guarantee a long operating time
Programmable electronic control system
Integrated display, adjustable and user-friendly
Double door with magnetic closure
Internal door seal in "Glass fiber"
Multifunction remote control

Covers available in the colors:

PLUS

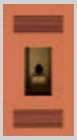
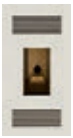
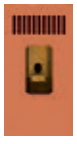
Display with daily and weekly programming.
Combustion chamber system with front access.
Extremely compact dimensions, only 52 cm of depth.
Extremely reduced consumption.
TOTAL FLAT front aesthetic

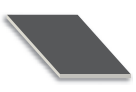
Mia Stile

Mia Vertical

*at average functioning and 15kg of pellet

Product name		MIA2 7,5	MIA2 9	MIA2 11
Product code		99469	99477	99476
Firebox thermal power (min - max)	KW	3,38 - 7,29	2,09 - 7,29	2,09 - 10,0
Rated thermal power (min - max)	KW	3,11 - 6,66	2,00 - 7,64	2,00 - 8,88
Hourly consumption of wood ovules (min -max)	Kg / h	0,7 - 1,5	0,4 - 1,8	0,4 - 2,1
Efficiency (minimum thermal power)	%	91,68	95,48	95,48
Efficiency (maximum thermal power)	%	91,26	89,84	88,78
CO at 13% of oxygen (at mininum power)	mg/m^3	400	178	178
CO at 23% of oxygen (at maximum power)	mg/m^3	202	209	161
flue temperature	°C	87 - 142	52,3 - 138,2	52,3 - 154,2
mass fumes (min - max)	g / s	4 - 5	2,7 - 6,9	2,7 - 7,8
Heating volume	m^3	229	300	380
Dimensions (Height. X Width. X Depth.)	mm	1000x455x521	1050x455x520	1050x455x520
Dimensions with packaging (Height. X Width. X Depth.)	mm	1170x610x570	1190x610x570	1190x610x570
Weight (without door)	kg	63,0	73,0	73,0
Door weight	kg	73,0	83,0	83,0
Diameter of smokes discharge pipes	Ø mm	80	80	80
pellet ovules dimension	Ø mm	6	6	6
Voltage	V	230	230	230
Frequency	Hz	50	50	50
feed tank capacity	kg	15	15	15
Operating autonomy (minimum setting)	h	20	30	34
Features				
fire door with self-cleaning ceramic glass		√	√	√
Digital control panel		√	√	√
electric ignition with resistance		√	√	√
pellet tank top loading		√	√	√
Room temperature management		√	√	√
daily and weekly ignition programmable management		√	√	√
Remote control		√	√	√
back and exchanger in cast iron				
double combustion		√	√	√
forced draft		√	√	√
hot air ducting with possibility of partialization				

	Art.	Code
	COVER STILE ORANGE	B0690
	COVER STILE WHITE	B0691
	COVER STILE SILVER	B0692
	COVER VERTICAL ORANGE	B0694
	COVER VERTICAL WHITE	B0695

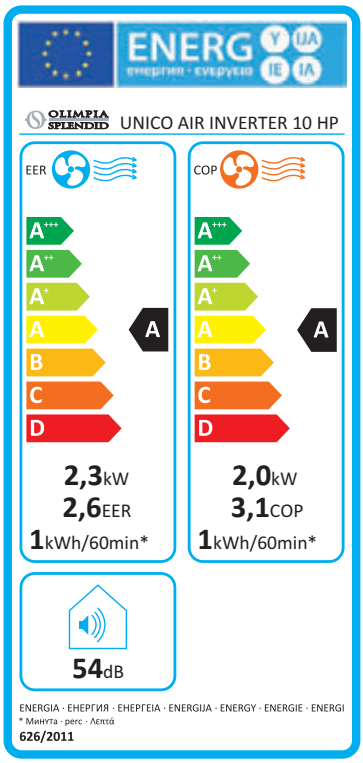
	Art.	Code
	COVER VERTICAL SILVER	B0696
	MODULE 40X40X53	B0697
	MODULE 80X40X53	B0698
	DOOR 37,5x37,5	B0699
	SHELF 40	B0700

	Art.	Code
	SHELF 80	B0701
	MODULE PORT-PELLET 40X40X53	B0702
	HANDRAIL	B0703
	SCOOP KIT	B0704

Energy Label

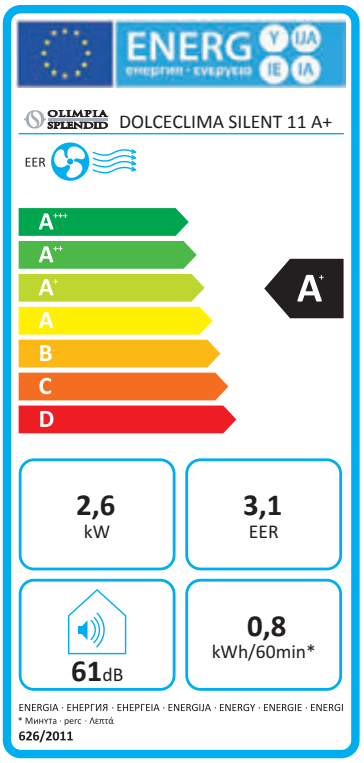
OLIMPIA SPLENDID
HOME OF COMFORT

DOUBLE DUCT AIR CONDITIONERS (UNICO)



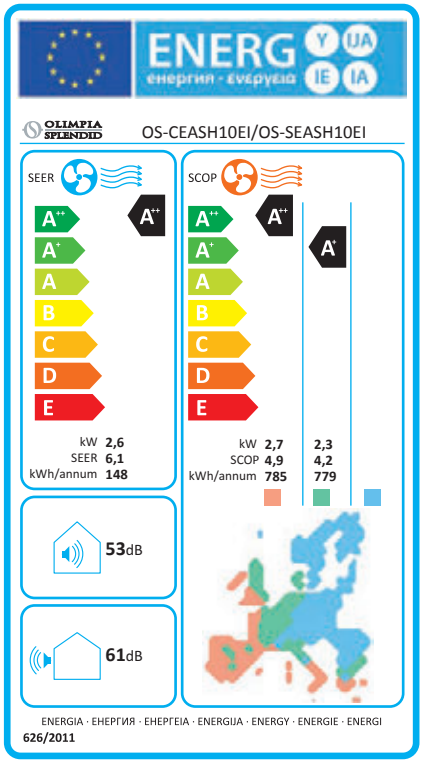
Energy efficiency class from **A+++** to **D**

SINGLE DUCT AIR CONDITIONERS (PORTABLE)



Energy efficiency class from **A+++** to **D**

WALL SPLIT CONDITIONERS

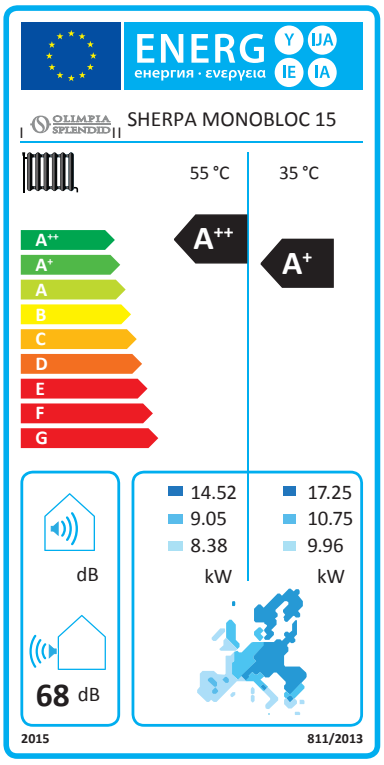


Energy efficiency class from **A++** to **E**

Double duct, single duct and wall spilt air conditioner Reference Regulation:

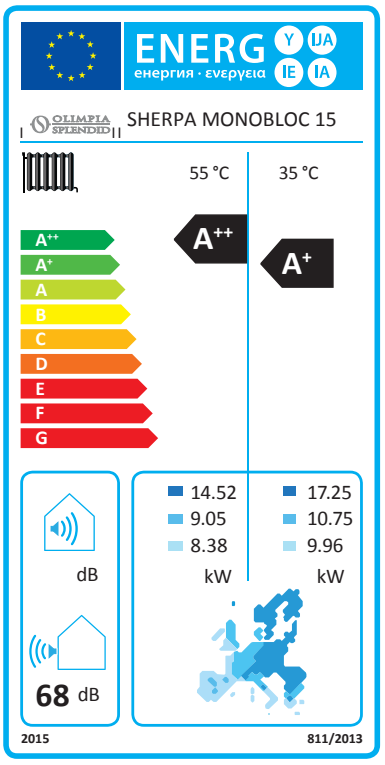
EUROPEAN REGULATION (EU) N. 626/2011

AIR WATER LOW TEMPERATURE 35°C HEAT PUMPS (SHERPA)



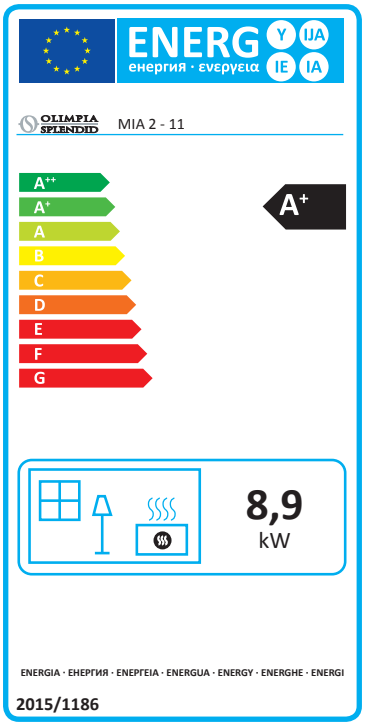
Energy efficiency class from **A++** to **G**

AIR WATER HIGH TEMPERATURE 55°C HEAT PUMPS (SHERPA)



Energy efficiency class from **A++** to **G**

PELLET STOVES (MIA)



Energy efficiency class from **A++** to **G**

Air-water heat pumps Reference Regulation:

EUROPEAN REGULATION (EU) N. 811/2013

Pellet stove Reference Regulation:

EUROPEAN REGULATION (EU) N. 2015/1186