TERMINAL UNITS

The **Bi2** Range

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

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

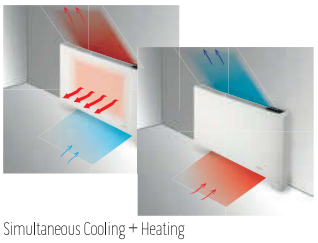
Olimpia Splendid participates in the EUROVENT: FCU program. The products mentioned are available at www.eurovent-certification.com

THE **BI2 SYSTEM**

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

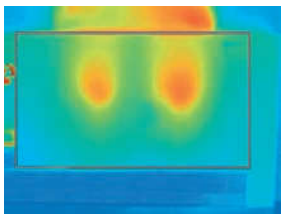
radiant heating + forced convection | radiant heating + natural convection | cooling with forced convection



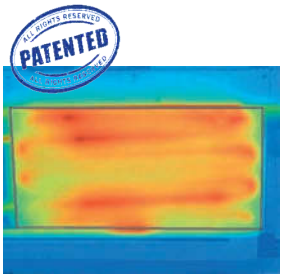
Simultaneous Cooling + Heating

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



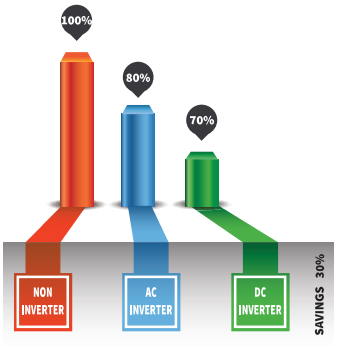
Tubular heating panel OS

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.

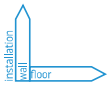
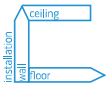
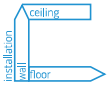
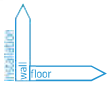
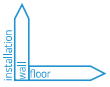
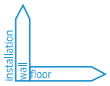
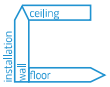
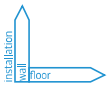
METAL FRAME

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 Inverter pag. 62  	SL Smart pag. 70  	SL Smart Inverter pag. 66  
		SLR Air Inverter pag. 50  		SL Air Inverter pag. 54  
		SLR+ Inverter pag. 74  		SL+ Inverter pag. 78  
BUILT-IN		SLIR Naked Inverter pag. 82  		SLI Naked Inverter pag. 86  
HI-WALL				SLW Wall Inverter pag. 58  
4 TUBES CABINET	SLR 4 tubes pag. 90  			

The **C**i2 Range

	FAN COIL RADIATORS		FAN COIL UNITS	
	AC motor	DC motor	AC motor	DC motor
2 TUBES HIGH-WALL				LGW Wall Inverter pag. 94  

Bi2 compatibility

OLIMPIA SPLENDID
HOME OF COMFORT

		Code kit	Optimum compatibility											
			DC motor									AC motor		
	description		SLR+	SL+	SLR Air	SL Air	SLW	SLR SMART	SL SMART	SLI R	SLI	SL SMART	SLR 4T	Compatibile AQUADUE Control
CONTROL PANEL	Built-in Smart control kit	B0659										X	X	
	Built-in inverter Smart control kit	B0673	X	X				X	X					
	Electronic control kit for remotization	B0707										X	X	
	Touch flat Built-in control DC	B0828	X	X				X	X	X	X			X
	Touch flat Built-in control AC	B0855										X	X	
	Touch design built-in control kit	B0772										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 B0828	X B0685 B0828	X TR	X TR	X TR	X B0685 B0828	X B0685 B0828	X B0685 B0828	X B0685 B0828	X B0855 B0372	X B0855 B0372	X
	Inverter control kit for remotization	B0685	X	X				X	X	X	X			X
	Basic Built-in control without thermostat	B0658										X		
	Built-in control kit	B0371										X		X
	Built-in control kit	B0374											X	
	Electronic control kit for remotization	B0372										X		X
	Electronic control kit for remotization	B0375											X	X
	Wall control kit	B0151		X + B0756		X AR	X AR		X + B0756		X + B0756	X + B0707		
	Digital Wall control kit	B0152		X + B0756		X AR	X AR		X + B0756		X + B0756	X + B0707		
HYDRAULIC KITS	Manual 2-way group valves kit**	B0205	X	X				X	X	X	X	X	X (per 2)	
	Manual 2-way valve isolation kit	B0204	X + B0205	X + B0205				X + B0205	X + B0205	X + B0205	X + B0205	X + B0205	X + 2xB0205	
	2 way group valves with thermoelectric actuator kit	B0139 / B0832	X	X	X	X		X	X	X	X	X		
	2 way group valves with thermoelectric actuator kit	B0825											X	
	3 way group valves with thermoelectric actuator kit	B0826											X	
	3 way group valves with thermoelectric actuator kit	B0635 / B0834	X	X	X	X		X	X	X	X	X		
	2-way valves group kit with thermoelectric actuator and bypass branch with pressure relief valve	B0641 / B0833	X	X			X	X		X	X			
	Adaptors couple kit 3/4 Eurokonus - 1/2"	B0200	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	
	Kit 90° Eurokonus bend	B0203	X	X				X	X	X	X	X		
	Spacer kit	B0501	X	X				X	X		X	X		
ELECTRICAL KITS	Minimum temperature thermostat kit	B0336										X + B0658		
	Control connection extension kit	B0459										X	X	
	Control connection extension kit	B0632/ B0633	X	X				X	X		X			
	Control connection extension kit	B0839			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

NEW

Bi2 Air
SLR Air inverter

The ventilradiatore® with **Integral Design**. With **Multiset Control** for all configurations

Design by S. Ercoli & A. Garlandini

Remote control supplied

FEATURES

Cools, Dehumidifies, Heats and Filters

Terminal with integrated heating panel

Essential aesthetics with intake from the lower side

Metal front panel, sides in ABS

Compact: thickness of just 12,9 cm max 15 cm

5 sizes available

DC brushless Motor

Unique front body for comfortable working

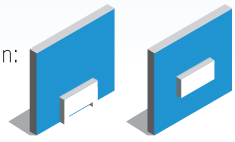
Motorised, steel air supply flap

Anti-intrusion grids on air intake and outlet

Removable filters on air intake

Remote control unit supplied (for TR control only)

Installation:



floor wall

Available in colors: ☐ White RAL 9003

MULTISET CONTROL

CONTROL TR (Touch Remote):
model envisions touch control on the machine and a remote control unit (supplied). Furthermore, via a selection of keys, remote control is possible with an Olimpia Splendid wall control unit or home automation, through the Modbus RS485 signal protocol.

CONTROL AR (Analogic Remote):
model allows universal remoting to be configured for all wall-installed control units and home automation systems, through the 0-10V analogue or 4 speed digital signal protocol.

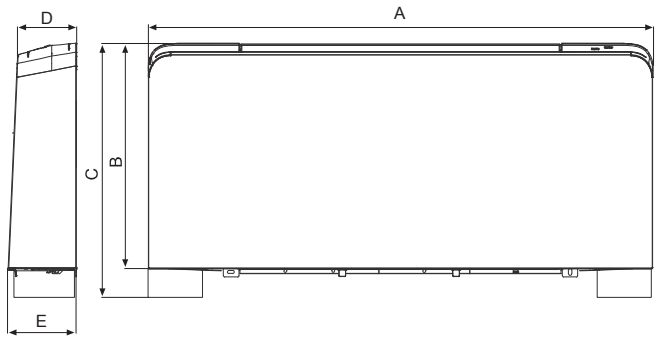
*touch control on the machine and remote control disabled

		Bi2 SLR Air inverter				
MODEL		SLR air 200	SLR air 400	SLR air 600	SLR air 800	SLR air 1000
Bi2 SLR air with command TR	code	01856	01857	01858	01859	01860
Bi2 SLR air with command AR	code	01772	01773	01774	01775	01776

2.1.5 DIMENSIONI E POSIZIONAMENTI

2.1.5.1 DIMENSIONI VERSIONE SLR E SL

Di seguito viene riportato il layout del ventilradiatore versione SLR e SL (Fig. 2) e una tabella riepilogativa delle dimensioni e il peso (Tab. 3).

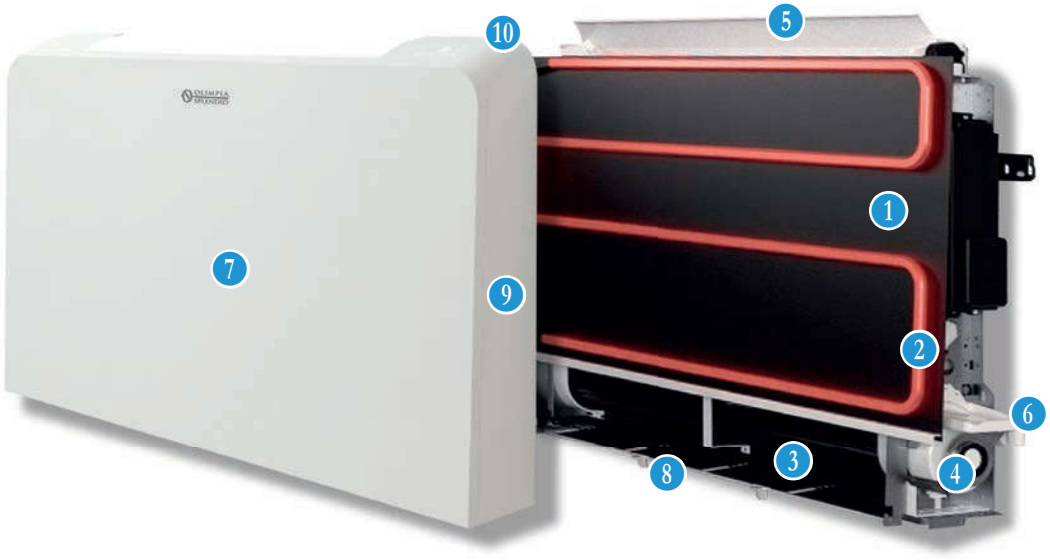


Layout ventilradiatore versione SLR e SL

Fig. 2

		200	400	600	800	1000
A	mm	695	895	1095	1295	1495
B	mm	599	599	599	599	599
C	mm	679	679	679	679	679
D	mm	129	129	129	129	129
E	mm	150	150	150	150	150
Net weight	kg	13,5	15,5	19,5	22,5	25,5

A	mm	759	959	1159	1359	1559



1. Heat exchange coil
2. High Efficiency Coil
3. Tangential fan
4. Electric motor with resin-coated pack
5. Air supply flap and anti-intrusion supply grid
6. Condensation collector basin
7. Front body panel in electro-galvanised sheet steel
8. Anti-intrusion intake grid
9. Abs side panels
10. Touch control on machine (TR version)

			Bi2 SLR Air inverter				
MODEL			200	400	600	800	1000
Total cooling capacity (a)	(E)	kW	0,82	1,74	2,54	3,29	3,78
Sensible cooling capacity (a)	(E)	kW	0,64	1,25	1,94	2,54	2,98
Water flow rate (a)		lt/h	142	302	446	573	655
Water pressure loss (a)	(E)	kPa	13,1	8,2	19	18,7	18,2
Heating capacity (50°C) (b)	(E)	kW	1,05	2,31	3,12	4,10	4,67
Water flow rate (50°C) (b)		lt/h	84	185	249	329	374
Water pressure loss (50°C) (b)	(E)	kPa	10,9	6,8	15,8	15,5	15,1
Heating capacity (70°C) (c)		kW	1,77	3,88	5,21	6,88	7,83
Water flow rate (70°C) (c)		lt/h	152	334	448	592	673
Water pressure loss (70°C) (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
Air flow min (d)		m3/h	100	170	180	370	420
Air flow max (d)		m3/h	160	320	460	575	650
Absorbed power min	(E)	W	5	6	7	8	9
Absorbed power max	(E)	W	11	19	20	24	27
Sound power min Lw	(E)	dB(A)	38	39	41	42	42
Sound power max Lw	(E)	dB(A)	52	53	53	54	54
Sound pressure (f)		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	0,19	0,27	0,35	0,43	0,5

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
(E) Eurovent certificate
(f) Sound pressure measured at 1,5 m

ACCESSORIES **SLR** Air inverter

Accessories **control TR**

		CODE	DESCRIPTION	COMPATIBILITY
ON BOARD CONTROL		**STANDARD**	The TR (Touch Remote) command envisions a touch control on the machine and a remote control unit (supplied). Furthermore, via a selection of keys, remote control is possible with an Olimpia Splendid wall control unit or home automation, through the Modbus RS485 signal protocol.	B0736 AQUADUE CONTROL My Home by bticino
REMOTE 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.	AQUADUE CONTROL
	Addressing for Bticino management and AQUADUE Control	**INDRZ**	Mandatory factory addressing of the remote control kits in the case of remote management via Modbus connection with AQUADUE Control or Bticino MYHome	

Accessories **control AR**

		CODE	DESCRIPTION	COMPATIBILITY
ON BOARD CONTROL		**STANDARD**	The AR (Analogic Remote) model allows the universal remoting to be configured for all wall-installed-controls and the home automation systems, through the 0-10V analogue or 4 speed digital signal protocol.	

		CODE	DESCRIPTION
HYDRAULIC KITS		B0832	**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.
		B0834	**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).
		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		B0839	**Control connection extension kit.** Power and motor sensor electric connection cable for installations where connection positions are rotated (from Left to Right).
RECESSED KIT		B0853	**Feet kit for smart Bi2 air.** Kit of two aesthetic feet for coverage of any floor pipes. Available in white.
		B0852	**Floor fixing bracket kit Bi2 air** 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).
		**B0847** (200) **B0848** (400) **B0849** (600) **B0850** (800) **B0851** (1000)	**Back panel in painted sheet (for front glass applications).**

Bi2 Air
SL Air inverter

The fan coil with **Integral Design**. With **Multiset Control** for all configurations

Design by S. Ercoli & A. Garlandini

Remote control supplied

MULTISET CONTROL

CONTROL TR (Touch Remote):
model envisions touch control on the machine and a remote control unit (supplied). Furthermore, via a selection of keys, remote control is possible with an Olimpia Splendid wall control unit or home automation, through the Modbus RS485 signal protocol.

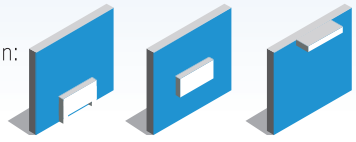
CONTROL AR (Analogic Remote):
model allows universal remoting to be configured for all wall-installed control units and home automation systems, through the 0-10V analogue or 4 speed digital signal protocol.

*touch control on the machine and remote control disabled

FEATURES

- Cools, Dehumidifies, Heats and Filters
- Essential aesthetics with intake from the lower side
- Metal front panel, sides in ABS
- Compact: thickness of just 12,9 cm, max 15 cm
- 5 sizes available
- DC brushless Motor
- Unique front body for comfortable working
- Motorised, steel air supply flap
- Anti-intrusion grids on air intake and outlet
- Removable filters on air intake
- Remote control unit supplied (for TR control only)

Installation:



floor wall cieling*

Available in colors: ☐ White RAL 9003

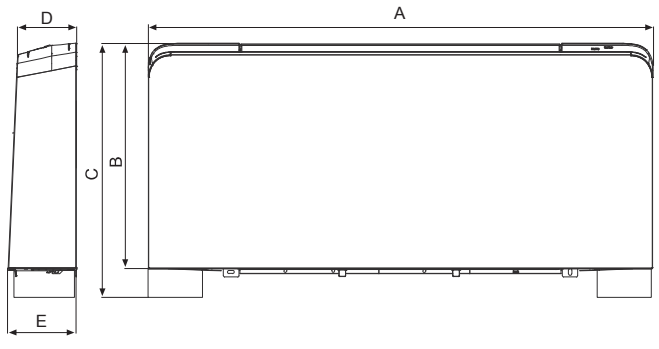
MODEL		Bi2 SL Air inverter				
		SL air 200	SL air 400	SL air 600	SL air 800	SL air 1000
Bi2 SL air with command TR	code	01851	01852	01853	01854	01855
Bi2 SL air with command AR	code	01767	01768	01769	01770	01771

*Needed ceiling mounting kit and feet kit

2.1.5 DIMENSIONI E POSIZIONAMENTI

2.1.5.1 DIMENSIONI VERSIONE SLR E SL

Di seguito viene riportato il layout del ventilradiatore versione SLR e SL (Fig. 2) e una tabella riepilogativa delle dimensioni e il peso (Tab. 3).

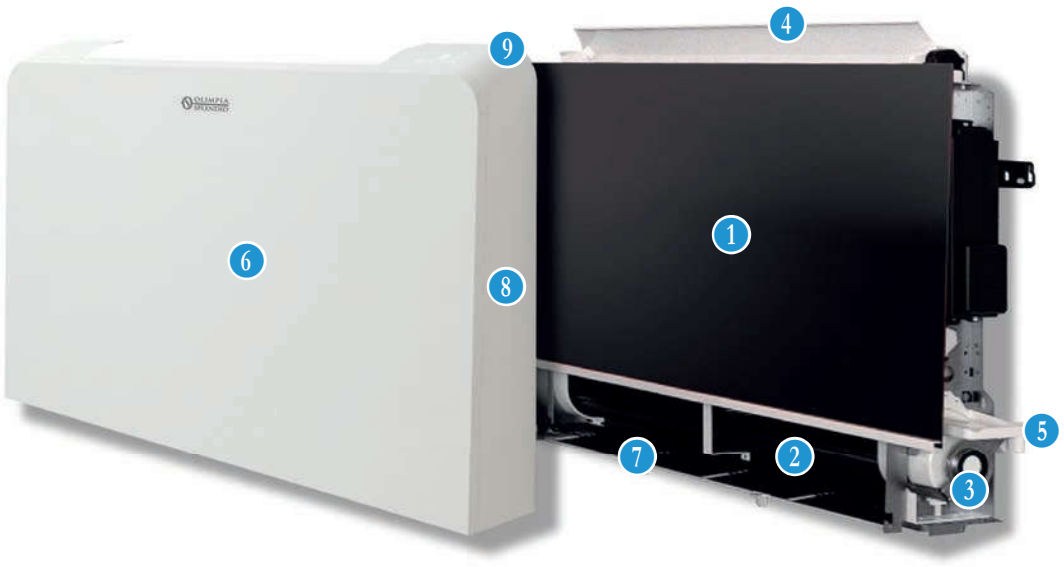


Layout ventilradiatore versione SLR e SL

Fig. 2

		200	400	600	800	1000
A	mm	695	895	1095	1295	1495
B	mm	599	599	599	599	599
C	mm	679	679	679	679	679
D	mm	129	129	129	129	129
E	mm	150	150	150	150	150
Net weight	kg	11,5	13,0	15,5	18,5	21,5

A	mm	759	959	1159	1359	1559



1. Heat exchange coil
2. Tangential fan
3. Electric motor with resin-coated pack
4. Air supply flap and anti-intrusion supply grid
5. Condensation collector basin
6. Front body panel in electro-galvanised sheet steel
7. Anti-intrusion intake grid
8. Abs side panels
9. Touch control on machine (TR version)

			Bi2 SL Air inverter				
MODEL			200	400	600	800	1000
Total cooling capacity (a)	**(E)**	kW	0,82	1,74	2,54	3,29	3,78
Sensible cooling capacity (a)	**(E)**	kW	0,64	1,25	1,94	2,54	2,98
Water flow rate (a)		lt/h	142	302	446	573	655
Water pressure loss (a)	**(E)**	kPa	13,1	8,2	19	18,7	18,2
Heating capacity (50°C) (b)	**(E)**	kW	1,05	2,31	3,12	4,10	4,67
Water flow rate (50°C) (b)		lt/h	84	185	249	329	374
Water pressure loss (50°C) (b)	**(E)**	kPa	10,9	6,8	15,8	15,5	15,1
Heating capacity (70°C) (c)		kW	1,77	3,88	5,21	6,88	7,83
Water flow rate (70°C) (c)		lt/h	152	334	448	592	673
Water pressure loss (70°C) (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
Air flow min (d)		m3/h	100	170	180	370	420
Air flow max (d)		m3/h	160	320	460	575	650
Absorbed power min	**(E)**	W	5	6	7	8	9
Absorbed power max	**(E)**	W	11	19	20	24	27
Sound power min Lw	**(E)**	dB(A)	38	39	41	42	42
Sound power max Lw	**(E)**	dB(A)	52	53	53	54	54
Sound pressure (f)		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
(E) Eurovent certificate
(f) Sound pressure measured at 1,5 m

ACCESSORIES Bi2 Air

Accessories **control TR**

		CODE	DESCRIPTION	COMPATIBILITY
ON BOARD CONTROL		**STANDARD**	The TR (Touch Remote) command envisions a touch control on the machine and a remote control unit (supplied). Furthermore, via a selection of keys, remote control is possible with an Olimpia Splendid wall control unit or home automation, through the Modbus RS485 signal protocol.	B0736 AQUADUE CONTROL My Home by bticino
REMOTE 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.	AQUADUE CONTROL
	Addressing for Bticino management and AQUADUE Control	**INDRZ**	Mandatory factory addressing of the remote control kits in the case of remote management via Modbus connection with AQUADUE Control or Bticino MYHome	

Accessories **control AR**

		CODE	DESCRIPTION	COMPATIBILITY
ON BOARD CONTROL		**STANDARD**	The AR (Analogic Remote) model allows the universal remoting to be configured for all wall-installed-controls and the home automation systems, through the 0-10V analogue or 4 speed digital signal protocol.	B0151 B0152
REMOTE CONTROL		**B0151** OUT OF STOCK	**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.	
		**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.	

		CODE	DESCRIPTION
HYDRAULIC KITS		B0832	**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.
		B0834	**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).
		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		B0839	**Control connection extension kit.** Power and motor sensor electric connection cable for installations where connection positions are rotated (from Left to Right).
RECESSED KIT		B0853	**Feet kit for smart Bi2 air.** Kit of two aesthetic feet for coverage of any floor pipes. Available in white.
		B0852	**Floor fixing bracket kit Bi2 air** 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).
		**B0847** (200) **B0848** (400) **B0849** (600) **B0850** (800) **B0851** (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)**

Bi2 wall
SLW inverter

Hydronic, reversible and ultraslim **high-wall fan coil**.
With Multiset Control for all configurations.

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.

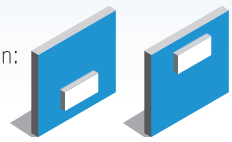
Design by S. Ercoli & A. Garlandini

Remote control supplied

FEATURES

- Cools, Dehumidifies, Heats and Filters
- 3 sizes available
- Touch controls on the machine (TR control)
- DC brushless Motor
- Fitted with large motorised flap
- Total flat aesthetic
- Adjustable environment thermostat
- Functioning mode selection (cooling, heating, ventilation only, automatic, dehumidification)
- Ventilation program selection (min, med, max)
- Timer
- Remote control unit supplied (for TR control only)
- Strong metal body

Installation:



consolle high-wall

Available in colors: ☐ White RAL 9003

MULTISET CONTROL

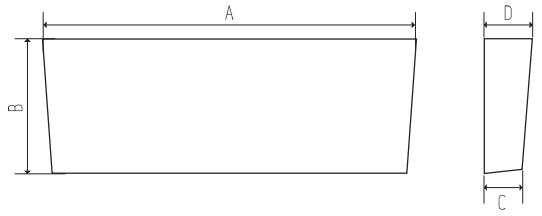
CONTROL TR (Touch Remote):
model envisions touch control on the machine and a remote control unit (supplied). Furthermore, via a selection of keys, remote control is possible with an Olimpia Splendid wall control unit or home automation, through the Modbus RS485 signal protocol.

CONTROL AR (Analogic Remote):
model allows universal remoting to be configured for all wall-installed control units and home automation systems, through the 0-10V analogue or 4 speed digital signal protocol.

*touch control on the machine and remote control disabled

		Bi2 Wall SLW inverter		
MODEL		SLW 400	SLW 600	SLW 800
Bi2 Wall with 2-way valve and TR command	code	01784	01785	01786
Bi2 Wall with 3-way valve and TR command	code	01787	01788	01789
Bi2 Wall with 2-way valve and AR command	code	01875	01876	01877
Bi2 Wall with 3-way valve and AR command	code	01878	01879	01880

As per standard: valve unit with thermo-electric actuator with 4 wires and holder



		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

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. Depending on the installation configuration, the digits of the display are rotated with a combination of keys on the command located on the machine.
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.

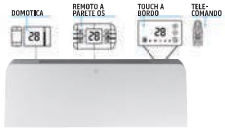
Fitted with large motorised flap

MODEL			Bi2 Wall SLW inverter SLW 400	SLW 600	SLW 800
Total cooling capacity (a)	(E)	kW	1,01	1,23	1,82
Sensible cooling capacity (a)	(E)	kW	0,91	1,15	1,47
Water flow rate (a)		lt/h	174	214	313
Water pressure loss (a)	(E)	kPa	8,91	7,89	11,0
Heating capacity (50°C) (b)	(E)	kW	1,55	2,16	2,85
Water flow rate (50°C) (b)		lt/h	133	185	245
Water pressure loss (50°C) (b)	(E)	kPa	7,1	2,5	8,8
Heating capacity (70°C) (c)		kW	2,70	3,79	4,93
Water flow rate (70°C) (c)		lt/h	232	326	424
Water pressure loss (70°C) (c)		kPa	10,4	4,8	13,7
Battery water capacity		l	0,3	0,4	0,5
Maximum operating pressure		bar	8	8	8
Water connections		inches	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4
Air flow min (d)		m3/h	155	250	255
Air flow max (d)		m3/h	290	400	430
Absorbed power min	(E)	W	7	8	9
Absorbed power max	(E)	W	19	23	27
Sound power min Lw	(E)	dB(A)	43	43	43
Sound power max Lw	(E)	dB(A)	57	58	58
Sound pressure (f)		dB(A)	39	40	40
Electrical supply		V/ph/Hz	230/1/50	230/1/50	230/1/50

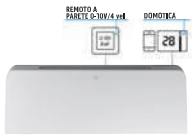
Performance at maximum ventilation speed
(a) Water temperature in battery inlet 7°C, water temperature in battery outlet 12°C, ambient air temperature 27°C b.s. and 19°C b.u.
(b) Water temperature in battery inlet 50°C, water flow in cooling + panel, inlet ambient air temperature 20°C
(c) Water temperature 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
(E) Eurovent certificate
(f) Sound pressure measured at 1,5 m

ACCESSORIES **SLW**

Accessories **control TR**

		CODE	DESCRIPTION	COMPATIBILITY
ON BOARD CONTROL		**STANDARD**	The TR (Touch Remote) command envisions a touch control on the machine and a remote control unit (supplied). Furthermore, via a selection of keys, remote control is possible with an Olimpia Splendid wall control unit or home automation, through the Modbus RS485 signal protocol.	B0736 AQUADUE CONTROL My Home by bticino
REMOTE 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.	AQUADUE CONTROL
	Addressing for Bticino management and AQUADUE Control	**INDRZ**	Mandatory factory addressing of the remote control kits in the case of remote management via Modbus connection with AQUADUE Control or Bticino MYHome	

Accessories **control AR**

		CODE	DESCRIPTION	COMPATIBILITY
ON BOARD CONTROL		**STANDARD**	The AR (Analogic Remote) model allows the universal remoting to be configured for all wall-installed-controls and the home automation systems, through the 0-10V analogue or 4 speed digital signal protocol.	B0151 B0152
REMOTE CONTROL		**B0151** OUT OF STOCK	**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.	
		**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.	

FAMILY FEELING

OLIMPIA SPLENDID
HOME OF COMFORT

Bi2 Air - Bi2 Wall

La nuova generazione di ventilradiatori, la rivoluzione della semplicità

GOOD DESIGN

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.

As well as being ultraslim, the design of the Bi2 Air and Bi2 Wall models is also developed with a view to creating products that have a family feeling with each other. That is, having close linked visual and elements and shapes in order to install them in rooms with different rooms, while maintaining common aesthetics. Furthermore, both machines can mount the same control as per standard (TR Touch Remote Control or AR Analogue Remote Control).

Il terminale d'impianto che riscalda, raffresca, deumidifica e filtra

VENTILCONVETTORE A PARETE
IDRONICO REVERSIBILE ULTRASLIM

ULTRASLIM DESIGN | **MULTISET CONTROL** | **MADE IN ITALY** | **REVERSIBLE** INSTALLATION HIGH WALL OR LOW WALL (CONSOLLE)

Design by S. Ercoli & A. Garlandini

LA NUOVA GENERAZIONE DI **VENTILRADIATORE®**
LA RIVOLUZIONE DELLA SEMPLICITÀ

DESIGN INTEGRALE® E ULTRASLIM | **MULTISET CONTROL** | **RADIANT TECHNOLOGY®** | **MADE IN ITALY**

Bi2 smart

SLR smart **inverter**

Total flat inverter fan coil radiator.

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

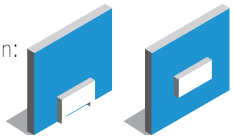
BI2 is the winner of the GOOD DESIGN AWARD 2014. Founded in Chicago in 1950, GOOD DESIGN is the oldest and most acknowledged international competition for design excellence.

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

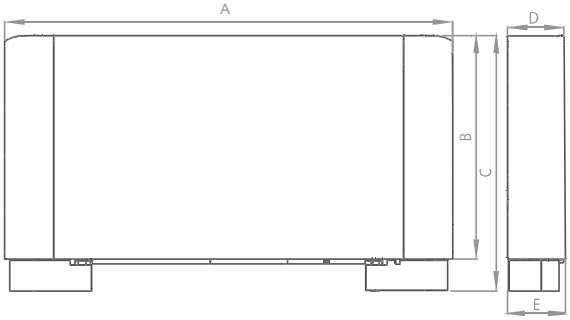
installation:



floor wall

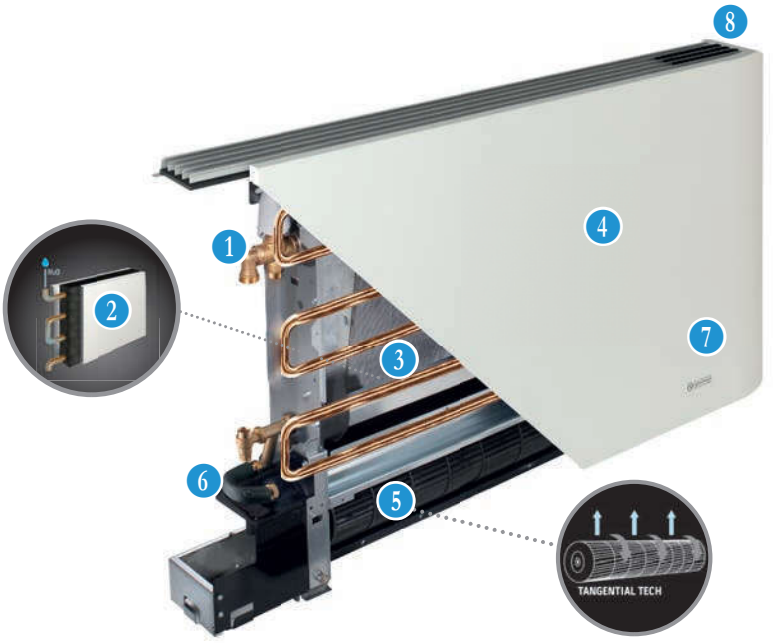
Available in colors: ☐ White Ral 9010

		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
Total cooling capacity (a)	(E)	kW	0,82	1,74	2,54	3,29	3,78
Sensible cooling capacity (a)	(E)	kW	0,64	1,25	1,94	2,54	2,98
Water flow rate (a)		lt/h	142	302	446	573	655
Water pressure loss (a)	(E)	kPa	13,1	8,2	19	18,7	18,2
Heating capacity (50°C) (b)	(E)	kW	1,05	2,31	3,12	4,10	4,67
Water flow rate (50°C) (b)		lt/h	84	185	249	329	374
Water pressure loss (50°C) (b)	(E)	kPa	10,9	6,8	15,8	15,5	15,1
Heating capacity (70°C) (c)		kW	1,77	3,88	5,21	6,88	7,83
Water flow rate (70°C) (c)		lt/h	152	334	448	592	673
Water pressure loss (70°C) (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
Air flow min (d)		m^3/h	100	170	180	370	420
Air flow max (d)		m^3/h	160	320	460	575	650
Absorbed power min	(E)	W	5	6	7	8	9
Absorbed power max	(E)	W	11	19	20	24	27
Sound power min Lw	(E)	dB(A)	38	39	41	42	42
Sound power max Lw	(E)	dB(A)	52	53	53	54	54
Sound pressure (f)		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
(E) Eurovent certificate
(f) Sound pressure measured at 1,5 m

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

		CODE	DESCRIPTION	COMPATIBILITY
ON BOARD 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.	
		B0828 NEW	**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. Can be remote controlled via a combination of keys for connection with Modbus RS485 protocol. **Command pre-configured on the machine (cannot be ordered separately).**	B0736 AQUADUE CONTROL My Home by bticino
REMOTE CONTROL		B0685 OUT OF STOCK	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.	B0828 B0685 AQUADUE CONTROL
	Addressing for Bticino management and AQUADUE Control	INDRZ	Mandatory factory addressing of the remote control kits in the case of remote management via Modbus connection with AQUADUE Control or Bticino MYHome	

		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 **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

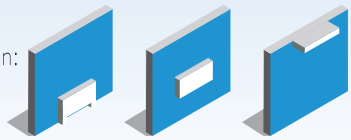
Range consists of 5 power models

DC brushless Motor

Smart sides

Total Flat Aesthetic with integrated vacuum system

installation:

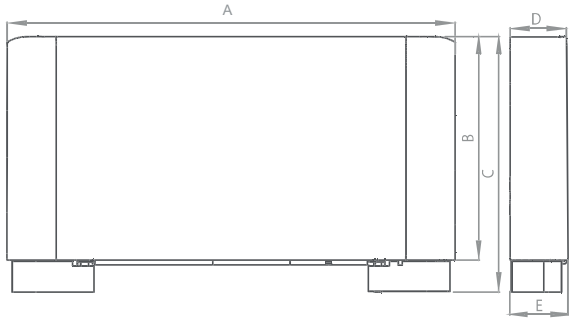


floor wall cieling*

Available in colors: ☐ White RAL 9010

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.

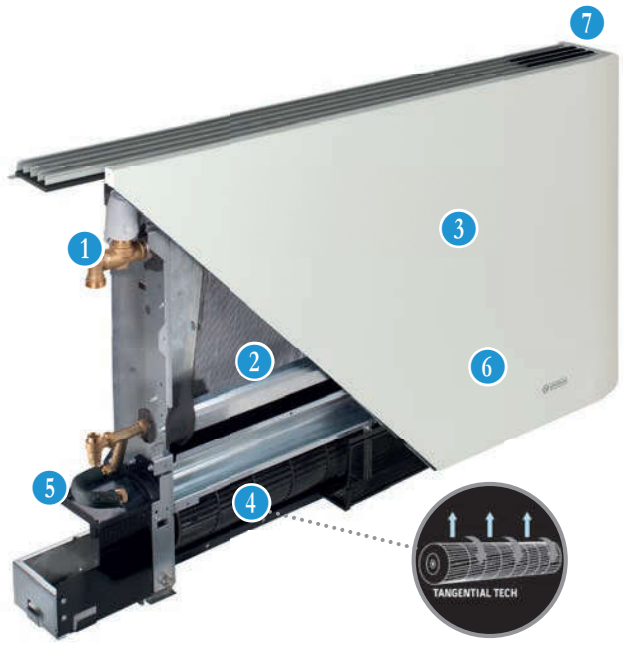
MODEL		BI2 smart without heating panel (SL Smart Inverter)				
		SL smart inverter 200	SL smart inverter 400	SL smart inverter 600	SL smart inverter 800	SL smart inverter 1000
White	cod.	01634	01635	01636	01637	01638



		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)



			BI2 SL smart inverter				
MODEL			200	400	600	800	1000
Total cooling capacity (a)	**(E)**	kW	0,82	1,74	2,54	3,29	3,78
Sensible cooling capacity (a)	**(E)**	kW	0,64	1,25	1,94	2,54	2,98
Water flow rate (a)		lt/h	142	302	446	573	655
Water pressure loss (a)	**(E)**	kPa	13,1	8,2	19	18,7	18,2
Heating capacity (50°C) (b)	**(E)**	kW	1,05	2,31	3,12	4,10	4,67
Water flow rate (50°C) (b)		lt/h	84	185	249	329	374
Water pressure loss (50°C) (b)	**(E)**	kPa	10,9	6,8	15,8	15,5	15,1
Heating capacity (70°C) (c)		kW	1,77	3,88	5,21	6,88	7,83
Water flow rate (70°C) (c)		lt/h	152	334	448	592	673
Water pressure loss (70°C) (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
Air flow min (d)		m^3/h	100	170	180	370	420
Air flow max (d)		m^3/h	160	320	460	575	650
Absorbed power min	**(E)**	W	5	6	7	8	9
Absorbed power max	**(E)**	W	11	19	20	24	27
Sound power min Lw	**(E)**	dB(A)	38	39	41	42	42
Sound power max Lw	**(E)**	dB(A)	52	53	53	54	54
Sound pressure (f)		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
(E) Eurovent certificate
(f) Sound pressure measured at 1,5 m

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

		CODE	DESCRIPTION	COMPATIBILITY
ON BOARD 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.	
		B0828 NEW	**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. Can be remote controlled via a combination of keys for connection with Modbus RS485 protocol. **Command pre-configured on the machine (cannot be ordered separately).**	B0736 AQUADUE CONTROL My Home by bticino
REMOTE CONTROL		B0685 OUT OF STOCK	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 B0152
		B0151 OUT OF STOCK	**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.	B0828 B0685 AQUADUE CONTROL
	Addressing for Bticino management and AQUADUE Control	INDRZ	Mandatory factory addressing of the remote control kits in the case of remote management via Modbus connection with AQUADUE Control or Bticino MYHome	

		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 smart
SL smart

Total flat 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

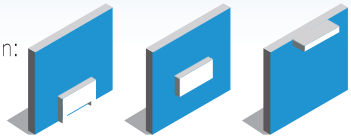
Range consists of 5 power models

AC Motor

Smart sides

Total Flat Aesthetic with integrated vacuum system

installation:

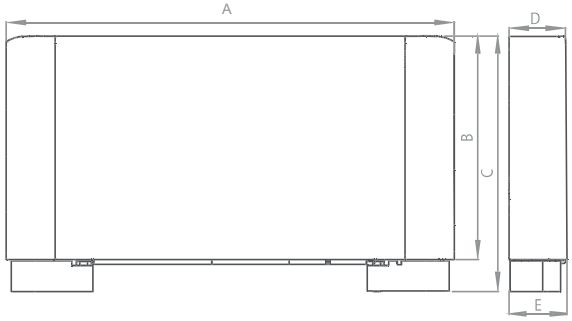


floor wall cieling*

Available in colors: ☐ White RAL 9010

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.

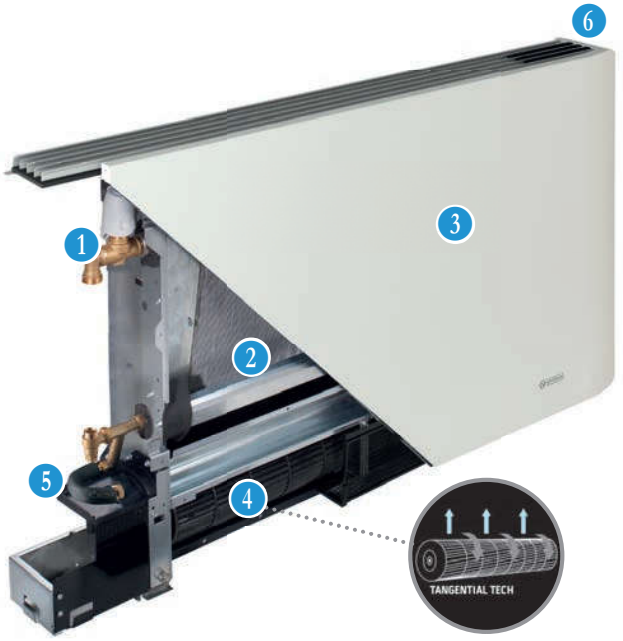
		Bi2 smart without heating panel (SL smart)				
MODEL		**SL smart 200**	**SL smart 400**	**SL smart 600**	**SL smart 800**	**SL smart 1000**
White	cod.	01409	01410	01411	01412	01413



		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

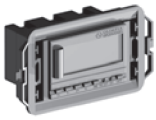
1. Valve with thermoelectric actuator (accessory kit)
2. High Efficiency Coil
3. Water temperature sensor
4. High efficiency tangential fan
5. Condensation collector basin
6. Electronic controls (accessory kit)



			Bi2 SL smart				
MODEL			200	400	600	800	1000
Total cooling capacity (a)	**(E)**	kW	0,81	1,73	2,53	3,27	3,77
Sensible cooling capacity (a)	**(E)**	kW	0,63	1,24	1,96	2,52	2,97
Water flow rate (a)		lt/h	142	302	446	573	655
Water pressure loss (a)	**(E)**	kPa	13,1	8,2	19	18,7	18,2
Heating capacity (50°C) (b)	**(E)**	kW	1,05	2,31	3,12	4,10	4,67
Water flow rate (50°C) (b)		lt/h	84	185	249	329	374
Water pressure loss (50°C) (b)	**(E)**	kPa	12,2	6,8	15,8	15,5	15,1
Heating capacity (70°C) (c)		kW	1,77	3,88	5,21	6,88	7,83
Water flow rate (70°C) (c)		lt/h	152	334	448	592	673
Water pressure loss (70°C) (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
Air flow min (d)		m^3/h	100	170	180	370	420
Air flow max (d)		m^3/h	160	320	460	575	650
Absorbed power min	**(E)**	W	6	9	9	17	19
Absorbed power max	**(E)**	W	17	28	35	38	43
Sound power min Lw	**(E)**	dB(A)	38	39	41	39	42
Sound power max Lw	**(E)**	dB(A)	52	53	53	54	54
Sound pressure (f)		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
(E) Eurovent certificate
(f) 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 OUT OF STOCK	**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
		B0855 NEW	**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. Can be remote controlled via a combination of keys for connection with Modbus RS485 protocol. **Command pre-configured on the machine (cannot be ordered separately).**	B0736 AQUADUE CONTROL My Home by bticino
		B0772 OUT OF STOCK	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 OUT OF STOCK	**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		B0372 OUT OF STOCK	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 OUT OF STOCK	**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.	B0855 B0372 AQUADUE CONTROL
	Addressing for Bticino management and AQUADUE Control	INDRZ	Mandatory factory addressing of the remote control kits in the case of remote management via Modbus connection with AQUADUE Control or Bticino MYHome	

		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 plus
SLR+ inverter
Inverter fan coil radiator.

Design by Dario Tanfoglio

EUROVENT CERTIFIED PERFORMANCE
www.eurovent-certification.com

FEATURES

Cools, Dehumidifies, Heats and Filters

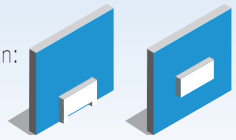
Terminal with integrated heating panel

Compact: thickness of just 12,9 cm

Range consists of 5 power models

DC brushless Motor

installation:



floor wall

Available in colors: ☐ White RAL 9010

Bi2+ COLORS*

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

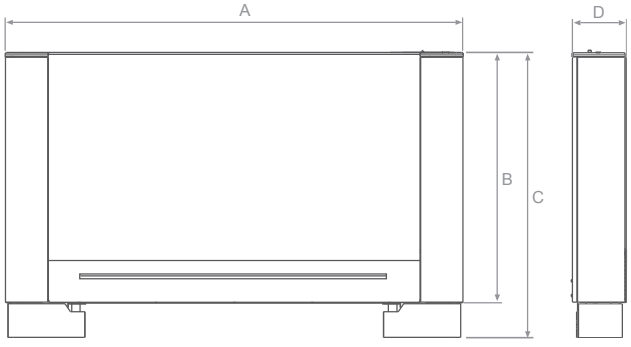
product design award 2013

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

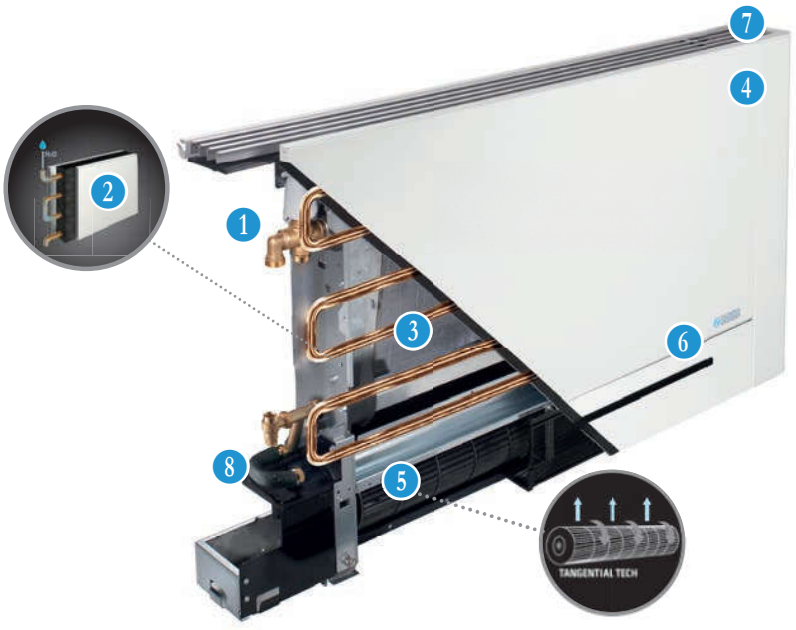
Bi2 + was awarded the REDDOT DESIGN HONOURABLE MENTION 2013 award, for the seamless integration of technology and design.

		BI2+ 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

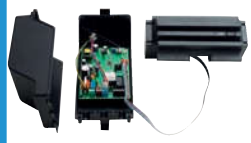
1. Valve with thermoelectric actuator (accessory kit)
2. Tubular heating panel
3. High Efficiency Coil
4. Water temperature sensor
5. High efficiency tangential fan
6. DC brushless inverter motor
7. Electronic controls (accessory kit)
8. Condensation collector basin



			BI2+ SLR inverter				
MODEL			200	400	600	800	1000
Total cooling capacity (a)	(E)	kW	0,82	1,74	2,54	3,29	3,78
Sensible cooling capacity (a)	(E)	kW	0,64	1,25	1,94	2,54	2,98
Water flow rate (a)		lt/h	142	302	446	573	655
Water pressure loss (a)	(E)	kPa	13,1	8,2	19	18,7	18,2
Heating capacity (50°C) (b)	(E)	kW	1,05	2,31	3,12	4,10	4,67
Water flow rate (50°C) (b)		lt/h	84	185	249	329	374
Water pressure loss (50°C) (b)	(E)	kPa	10,9	6,8	15,8	15,5	15,1
Heating capacity (70°C) (c)		kW	1,77	3,88	5,21	6,88	7,83
Water flow rate (70°C) (c)		lt/h	152	334	448	592	673
Water pressure loss (70°C) (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
Air flow min (d)		m^3/h	100	170	180	370	420
Air flow max (d)		m^3/h	160	320	460	575	650
Absorbed power min	(E)	W	5	6	7	8	9
Absorbed power max	(E)	W	11	19	20	24	27
Sound power min Lw	(E)	dB(A)	38	39	41	42	42
Sound power max Lw	(E)	dB(A)	52	53	53	54	54
Sound pressure (f)		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
(E) Eurovent certificate
(g) Sound pressure measured at 1,5 m

ACCESSORIES SLR+ inverter

		CODE	DESCRIPTION	COMPATIBILITY
ON BOARD 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.	
		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. Can be remote controlled via a combination of keys for connection with Modbus RS485 protocol. **Command pre-configured on the machine (cannot be ordered separately).**	B0736 AQUADUE CONTROL My Home by bticino
REMOTE CONTROL		B0685 OUT OF STOCK	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.	B0828 B0685 AQUADUE CONTROL
	Addressing for Bticino management and AQUADUE Control	INDRZ	Mandatory factory addressing of the remote control kits in the case of remote management via Modbus connection with AQUADUE Control or Bticino MYHome	

		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:

floor wall cieling*

Available in colors: ☐ White RAL 9010

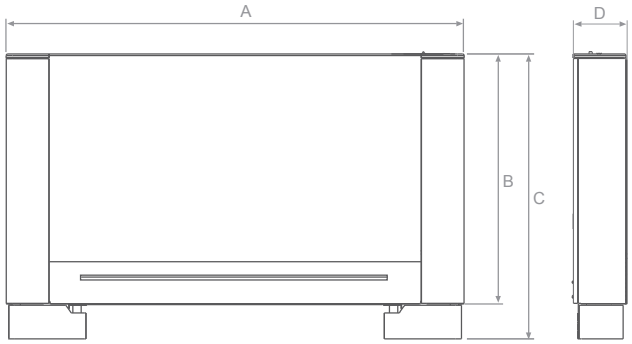
Bi2 + is the winner of the iF product design award 2013 in the Buildings category, selected by an internationally recognized panel of experts and designers.

Bi2+ COLORS*

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

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

MODEL		Bi2+ whitout heating panel (SL+)				
		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
Total cooling capacity (a)	**(E)**	kW	0,82	1,74	2,54	3,29	3,78
Sensible cooling capacity (a)	**(E)**	kW	0,64	1,25	1,94	2,54	2,98
Water flow rate (a)		lt/h	142	302	446	573	655
Water pressure loss (a)	**(E)**	kPa	13,1	8,2	19	18,7	18,2
Heating capacity (50°C) (b)	**(E)**	kW	1,05	2,31	3,12	4,10	4,67
Water flow rate (50°C) (b)		lt/h	84	185	249	329	374
Water pressure loss (50°C) (b)	**(E)**	kPa	10,9	6,8	15,8	15,5	15,1
Heating capacity (70°C) (c)		kW	1,77	3,88	5,21	6,88	7,83
Water flow rate (70°C) (c)		lt/h	152	334	448	592	673
Water pressure loss (70°C) (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
Air flow min (d)		m^3/h	100	170	180	370	420
Air flow max (d)		m^3/h	160	320	460	575	650
Absorbed power min	**(E)**	W	5	6	7	8	9
Absorbed power max	**(E)**	W	11	19	20	24	27
Sound power min Lw	**(E)**	dB(A)	38	39	41	42	42
Sound power max Lw	**(E)**	dB(A)	52	53	53	54	54
Sound pressure (f)		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
(E) Eurovent certificate
(f) Sound pressure measured at 1,5 m

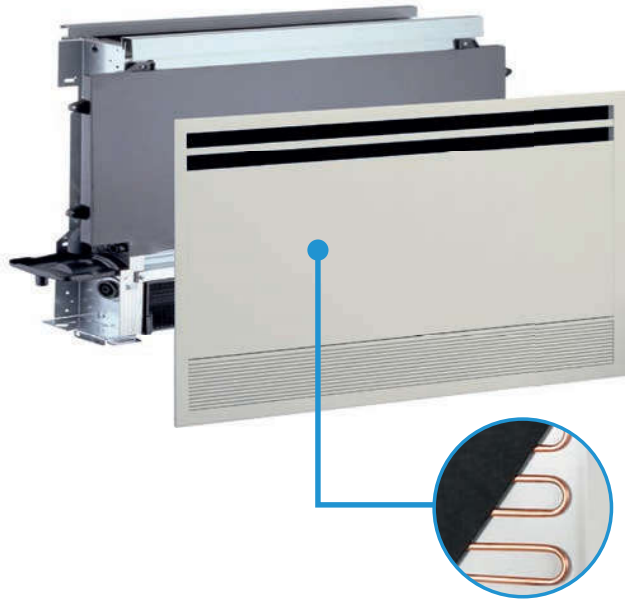
ACCESSORIES SL+ inverter

		CODE	DESCRIPTION	COMPATIBILITY
ON BOARD 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.	
		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. Can be remote controlled via a combination of keys for connection with Modbus RS485 protocol. **Command pre-configured on the machine (cannot be ordered separately).**	B0736 AQUADUE CONTROL My Home by bticino
REMOTE CONTROL		B0685 OUT OF STOCK	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 OUT OF STOCK	**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
	Addressing for Bticino management and AQUADUE Control	INDRZ	Mandatory factory addressing of the remote control kits in the case of remote management via Modbus connection with AQUADUE Control or Bticino MYHome	

		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 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.

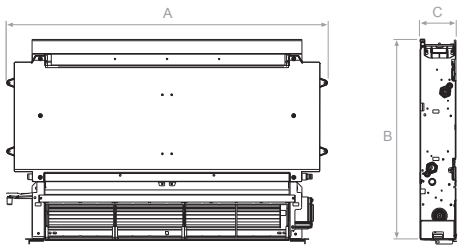
installation:

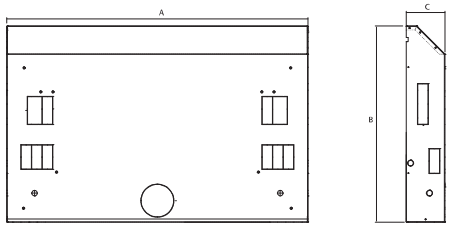
wall

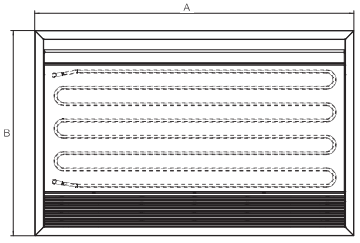
Available in colors: ☐ White RAL 9010

		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





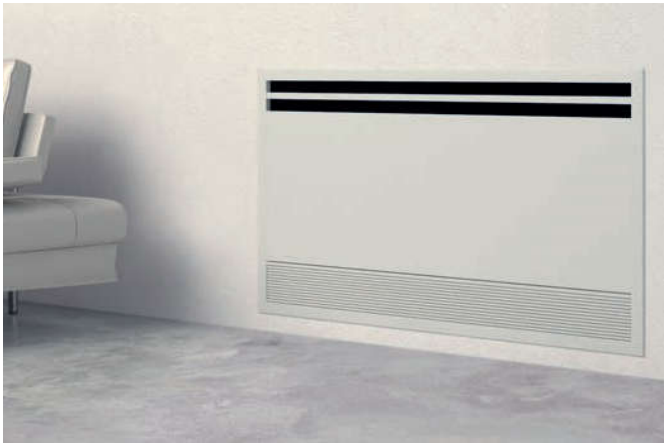


SLIR inverter VERSION		SLIR 200	SLIR 400	SLIR 600	SLIR 800	SLIR 1000
A	mm	525	725	925	1125	1325
B	mm	576	576	576	576	576
C	mm	126	126	126	126	126
Weight	kg	9	12	15	18	21

Recessed Kit		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

Front panel		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
Total cooling capacity (a)	(E)	kW	0,82	1,74	2,54	3,29	3,78
Sensible cooling capacity (a)	(E)	kW	0,64	1,25	1,94	2,54	2,98
Water flow rate (a)		lt/h	142	302	446	573	655
Water pressure loss (a)	(E)	kPa	13,1	8,2	19	18,7	18,2
Heating capacity (50°C) (b)	(E)	kW	1,05	2,31	3,12	4,10	4,67
Water flow rate (50°C) (b)		lt/h	84	185	249	329	374
Water pressure loss (50°C) (b)	(E)	kPa	10,9	6,8	15,8	15,5	15,1
Heating capacity (70°C) (c)		kW	1,77	3,88	5,21	6,88	7,83
Water flow rate (70°C) (c)		lt/h	152	334	448	592	673
Water pressure loss (70°C) (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
Air flow min (d)		m^3/h	100	170	180	370	420
Air flow max (d)		m^3/h	160	320	460	575	650
Absorbed power min	(E)	W	5	6	7	8	9
Absorbed power max	(E)	W	11	19	20	24	27
Sound power min Lw	(E)	dB(A)	38	39	41	42	42
Sound power max Lw	(E)	dB(A)	52	53	53	54	54
Sound pressure (f)		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
(E) Eurovent certificate
(f) Sound pressure measured at 1,5 m

ACCESSORIES **SLIR inverter**

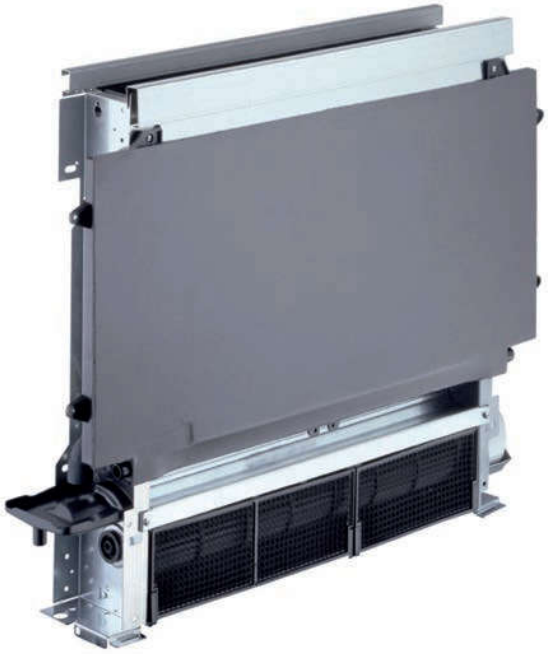
		CODE	DESCRIPTION	COMPATIBILITY
ON BOARD CONTROL		**B0828** NEW	**Touch flat design built-in** control kit. Back-lit display with desired temperature visualization, real-touch switches, mode of operation and fan speed selection. Control with adjustable thermostat, fan speed selection (summer, winter, 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. For ceiling installation in combination with B0736. Can be remote controlled via a combination of keys for connection with Modbus RS485 protocol. **Command pre-configured on the machine (cannot be ordered separately).**	B0736 AQUADUE CONTROL My Home by bticino
REMOTE CONTROL		**B0685** OUT OF STOCK	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.	B0828 B0685 AQUADUE CONTROL
	Addressing for Bticino management and AQUADUE Control	**INDRZ**	Mandatory factory addressing of the remote control kits in the case of remote management via Modbus connection with AQUADUE Control or Bticino MYHome	

		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

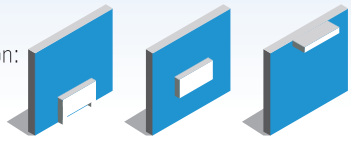
Range consists of 5 power models

Recess with formwork

DC brushless Motor

Ultra slim aesthetic panel

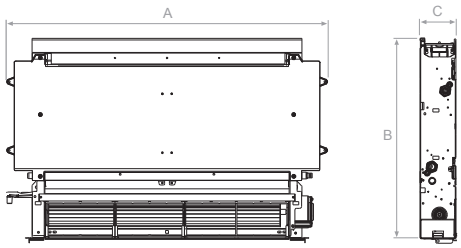
installation:

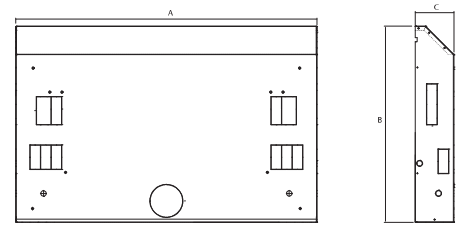


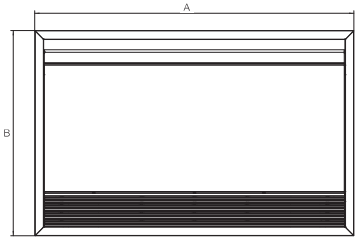
floor wall cieling

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

Recessed Kit		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

Front panel		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 ONLY WITH CLOSURE PANEL

Accessories:
- Recess kit: structure for recessed installation
- RAL 9010 white closure panel colore Bianco RAL 9010

WALL-INSTALLATION

Accessories:
- Intake kit
- Plenum at 90°

(grids and panel not supplied)

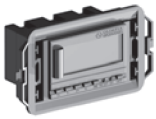
FALSE-CEILING INSTALLATION

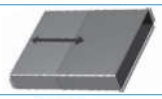
Accessories:
- Intake kit
- Telescopic plenum/ Plenum at 90°
- Supply/intake grid

			Bi2 SLI inverter				
MODEL			200	400	600	800	1000
Total cooling capacity (a)	(E)	kW	0,82	1,74	2,54	3,29	3,78
Sensible cooling capacity (a)	(E)	kW	0,64	1,25	1,94	2,54	2,98
Water flow rate (a)		lt/h	142	302	446	573	655
Water pressure loss (a)	(E)	kPa	13,1	8,2	19	18,7	18,2
Heating capacity (50°C) (b)	(E)	kW	1,05	2,31	3,12	4,10	4,67
Water flow rate (50°C) (b)		lt/h	84	185	249	329	374
Water pressure loss (50°C) (b)	(E)	kPa	10,9	6,8	15,8	15,5	15,1
Heating capacity (70°C) (c)		kW	1,77	3,88	5,21	6,88	7,83
Water flow rate (70°C) (c)		lt/h	152	334	448	592	673
Water pressure loss (70°C) (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
Air flow min (d)		m^3/h	100	170	180	370	420
Air flow max (d)		m^3/h	160	320	460	575	650
Absorbed power min	(E)	W	5	6	7	8	9
Absorbed power max	(E)	W	11	19	20	24	27
Sound power min Lw	(E)	dB(A)	38	39	41	42	42
Sound power max Lw	(E)	dB(A)	52	53	53	54	54
Sound pressure (f)		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
(E) Eurovent certificate
(f) Sound pressure measured at 1,5 m

ACCESSORIES SLI inverter

		CODE	DESCRIPTION	COMPATIBILITY
ON BOARD CONTROL		B0828 NEW	**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. For ceiling installation in combination with B0736. Can be remote controlled via a combination of keys for connection with Modbus RS485 protocol. **Command pre-configured on the machine (cannot be ordered separately).**	B0736 AQUADUE CONTROL My Home by bticino
REMOTE CONTROL		B0685 OUT OF STOCK	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 B0152
		B0151 OUT OF STOCK	**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.	B0828 B0685 AQUADUE CONTROL
	Addressing for Bticino management and AQUADUE Control	INDRZ	Mandatory factory addressing of the remote control kits in the case of remote management via Modbus connection with AQUADUE Control or Bticino MYHome	

		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) OUT OF STOCK
			**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 from B0550 to B0554 and from B0559 to B0563 will be valid.

Bi2 4tubes*

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

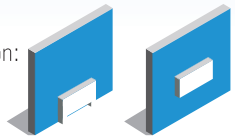
Version with heating panel

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

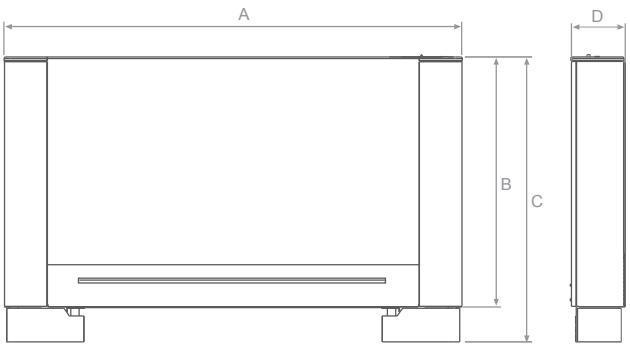
installation:



floor wall

Available in colors: ☐ White RAL 9010

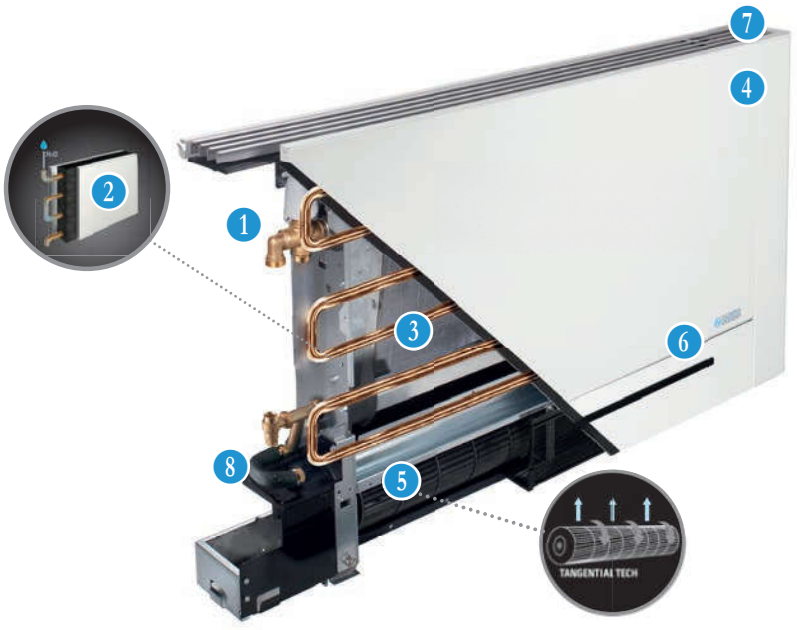
		BI2 SLR 4 tubes with heating panel.				
MODEL		**150**	**250**	**350**	**500**	**650**
SLR 4 tubes	codice	01711	01712	01713	01714	01715



		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
net weight	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



			BI2 SLR 4 TUBES				
MODEL			150	250	350	500	650
Total cooling capacity (a)	(E)	kW	0,57	1,19	1,72	2,22	2,56
Sensible cooling capacity (a)	(E)	kW	0,48	0,93	1,43	1,76	2,08
Water flow rate (a)		lt/h	100,3	208,6	300,2	387,6	447,0
Water pressure loss (a)	(E)	kPa	7,3	3,9	9,2	8,8	8,6
Heating capacity (65°C) (b)	(E)	kW	0,60	1,13	1,53	1,94	2,35
Water flow rate (65°C) (b)		lt/h	50,1	95,5	129,4	164,3	199,1
Water pressure loss (65°C) (b)	(E)	kPa	0,3	0,7	0,4	0,6	0,9
Heating capacity (70°C) (c)	(E)	kW	0,71	1,29	1,75	2,26	2,57
Water flow rate (70°C) (c)		lt/h	59,7	109,6	148,1	191,4	217,9
Water pressure loss (70°C) (c)	(E)	kPa	0,3	0,8	0,5	0,9	1,2
Battery water cooling capacity		l	0,47	0,8	1,13	1,46	1,8
Battery water Heating capacity			0,16	0,27	0,38	0,49	0,60
Maximum operating pressure		bar	10	10	10	10	10
Water connections		pollici	3/4" EK	3/4" EK	3/4" EK	3/4" EK	3/4" EK
Air flow min (d)		m3/h	65	115	175	235	250
Air flow max (d)		m3/h	115	190	295	380	420
Absorbed power min	(E)	W	8	10	13	16	17
Absorbed power max	(E)	W	16	19	25	30	35
Sound power min Lw	(E)	dB(A)	40	40	40	43	44
Sound power max Lw	(E)	dB(A)	54	54	54	57	57
Sound pressure (f)		dB(A)	48	48	48	51	51
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
(E) Eurovent certificate
(f) Sound pressure measured at 1,5 m

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 OUT OF STOCK	**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		B0855 NEW	**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. For ceiling installation in combination with B0736. Can be remote controlled via a combination of keys for connection with Modbus RS485 protocol. **Command pre-configured on the machine (cannot be ordered separately).**	B0736 AQUADUE CONTROL
		B0375 OUT OF STOCK	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.	B0855 B0375 AQUADUE CONTROL
	Addressing for Bticino management and AQUADUE Control	INDRZ	Mandatory factory addressing of the remote control kits in the case of remote management via Modbus connection with AQUADUE Control or Bticino MYHome	

		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).**

NEW

Ci2 **Wall**

High-wall fan coil.

remote control unit supplied

FEATURES

Conditions, Dehumidifies, Heats and Filters

Available in two sizes

DC brushless motor

Fitted with large motorised flap

Installation facilitated via flexible connection

Three-way solenoid valve supplied

Remote control supplied

Remote control wall fixing bracket

Plastic body

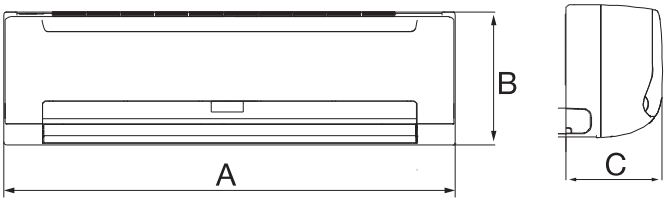
Easy maintenance through the removable front panel

Installation:

high-wall

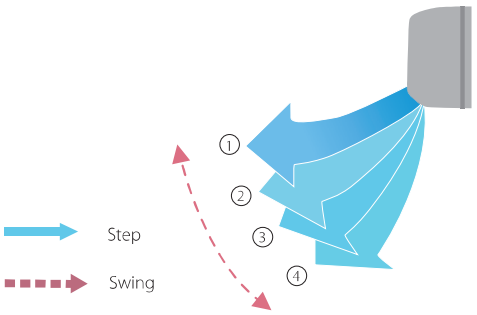
Minimum Sound Pressure: 38 dB(A)

		Ci2 Wall LGW inverter	
MODEL		LGW 1200 DC	LGW 1400 DC
Ci2 Wall with 3-way valves	code	99353	99354



		LGW 1200 DC	LGW 1400 DC
A	mm	915	1072
B	mm	290	315
C	mm	230	230
net weight	kg	12,7	12,7

Easy maintenance through the removable front panel.



The motorised flap ensures that the direction of the air corresponds with the mode selected.

Ci2 Wall Accessories

	CODE	DESCRIPTION
	B0856	**WALL-COMMAND FOR Ci2 WALL** - LCD screen - Mode control - Fan speed control - Temp. Setting

MODEL		Ci2 wall LGW inverter	
		1200 DC	1400 DC
Total cooling capacity (a)	kW	2,70	3,81
Sensible cooling capacity (a)	kW	2,15	3,18
Water flow rate (a)	lt/h	467	659
Water pressure loss (a)	kPa	31,6	56,8
Heating capacity (50°C) (b)	kW	2,94	4,30
Water flow rate (50°C)	lt/h	467	659
Water pressure loss (50°C)	kPa	32,7	51,9
Maximum operating pressure	bar	16	16
Water connections	inch	3/4" F	3/4" F
Air flow min (d)	m3/h	400	590
Air flow max (d)	m3/h	492	825
Absorbed power min	W	10	15
Absorbed power max	W	13	34
Sound power min Lw	dB (A)	39	47
Sound power max Lw	dB (A)	44	57
Sound pressure (f)	dB (A)	38	51
Electrical supply	V/ph/Hz	220-240/1/50	220-240/1/50

(a) Cooling mode in standard conditions: air temperature 27°C d.b. 19°C w.b., water inlet temperature 7°C, water outlet temperature 12°C
(b) Heating mode in conditions of use 1: air temperature 20°C d.b., 15 °C w.b. max, water inlet temperature 50°C, water flow rate equal to that of standard condition cooling
(c) Heating mode in standard conditions: air temperature 20°C d.b., 15°C w.b. max, water inlet temperature 45°C, water outlet temperature 40°C
(d) Sound pressure level at 1.5 m distance, valid for closed environments with volume equal to 100 m3 with reverberation time of 0.5 s and floor/ceiling installation, sound emission on 1/4 of sphere
(E) Eurovent certificate data
(f) Air flow rate measured with clean filters