



A bedroom scene featuring a bed with a wooden slat headboard, a black lamp on a side table, and a grey blanket. The background is a light grey wall.

# 4

## Bi2

Fan coil units

 **OLIMPIA  
SPLENDID**  
HOME OF COMFORT



# Terminals for heat pumps

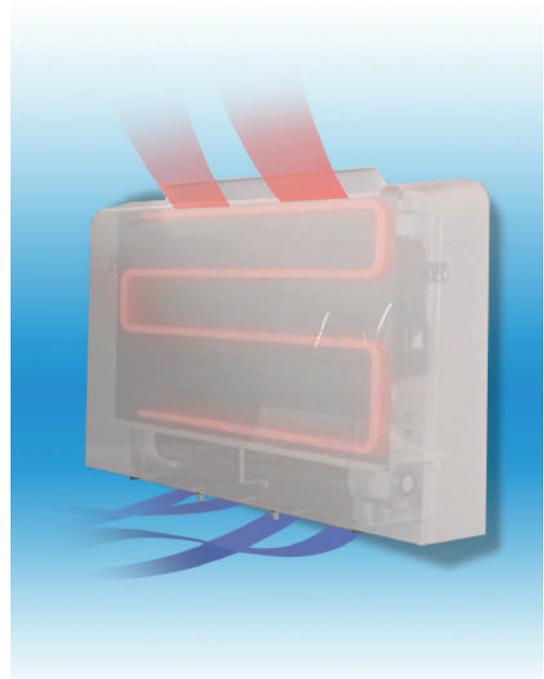
For a complete retrofit that maximises efficiency

## High-efficiency climate comfort

Replacing a gas boiler with a heat pump is the first step in electrifying and increasing the efficiency of a building. However, in the absence of effective building insulation and/or in the presence of terminals operating at high temperatures (such as radiators), the overall efficiency of the system may be penalised. Thanks to their low-temperature operation (about 45°C compared to 65/70°C for radiators) fan coil convectors are the ideal terminals to ensure the correct operation of the heat pump, for more efficient comfort.

## Maximum acoustic comfort, with radiant technology

Bi2 fan coil convectors are also available in the fan coil radiant version - with coil heating panel - allowing static heating operation (fan off) for completely silent operation.





# Italian design and production

Made in Italy style, reliability and quality

## Maximum architectural integration

Bi2 fan coil convectors stand out for their minimalist design, created by Italian designers Ercoli+Garlandini, designed to ensure maximum architectural integration in any environment. Their reduced thicknesses and essential geometries have received numerous international awards, confirming Olimpia Splendid's role in driving innovation across the entire product category.

## Low-impact production

Bi2 fan coil convectors are manufactured in Italy, at Olimpia Splendid's Brescia plant: a state-of-the-art production facility in the residential air conditioning sector, powered 100% by electricity from renewable sources and characterised by high levels of automation and efficiency.



# Fan coil units



**Bi2 Air  
[ULTRASLIM]**



**Bi2 Air  
[SLIM]**

	TYPE	DESIGN	RADIANT	SIZE
<b>SL AIR 200 DC TR</b> [01851]	with aesthetics	ultraslim	-	200
<b>SL AIR 400 DC TR</b> [01852]	with aesthetics	ultraslim	-	400
<b>SL AIR 600 DC TR</b> [01853]	with aesthetics	ultraslim	-	600
<b>SL AIR 800 DC TR</b> [01854]	with aesthetics	ultraslim	-	800
<b>SL AIR 200 DC AR</b> [01767]	with aesthetics	ultraslim	-	200
<b>SL AIR 400 DC AR</b> [01768]	with aesthetics	ultraslim	-	400
<b>SL AIR 600 DC AR</b> [01769]	with aesthetics	ultraslim	-	600
<b>SL AIR 800 DC AR</b> [01770]	with aesthetics	ultraslim	-	800
<b>SLR AIR 200 DC TR</b> [01856]	with aesthetics	ultraslim	✓	200
<b>SLR AIR 400 DC TR</b> [01857]	with aesthetics	ultraslim	✓	400
<b>SLR AIR 600 DC TR</b> [01858]	with aesthetics	ultraslim	✓	600
<b>SLR AIR 800 DC TR</b> [01859]	with aesthetics	ultraslim	✓	800
<b>SLR AIR 200 DC AR</b> [01772]	with aesthetics	ultraslim	✓	200
<b>SLR AIR 400 DC AR</b> [01773]	with aesthetics	ultraslim	✓	400
<b>SLR AIR 600 DC AR</b> [01774]	with aesthetics	ultraslim	✓	600
<b>SLR AIR 800 DC AR</b> [01775]	with aesthetics	ultraslim	✓	800
<b>SL AIR 1100 DC TR</b> [02362]	with aesthetics	slim	-	1100
<b>SL AIR 1400 DC TR</b> [02048]	with aesthetics	slim	-	1400
<b>SL AIR 1600 DC TR</b> [02050]	with aesthetics	slim	-	1600
<b>SL AIR 1100 DC AR</b> [02361]	with aesthetics	slim	-	1100
<b>SL AIR 1400 DC AR</b> [02049]	with aesthetics	slim	-	1400
<b>SL AIR 1600 DC AR</b> [02051]	with aesthetics	slim	-	1600
<b>SLR AIR 1100 DC TR</b> [02360]	with aesthetics	slim	✓	1100
<b>SLR AIR 1400 DC TR</b> [02052]	with aesthetics	slim	✓	1400
<b>SLR AIR 1600 DC TR</b> [02054]	with aesthetics	slim	✓	1600
<b>SLR AIR 1100 DC AR</b> [02359]	with aesthetics	slim	✓	1100
<b>SLR AIR 1400 DC AR</b> [02053]	with aesthetics	slim	✓	1400
<b>SLR AIR 1600 DC AR</b> [02055]	with aesthetics	slim	✓	1600



**Bi2 Wall  
[ULTRASLIM]**

	TYPE	DESIGN	RADIANT	SIZE
<b>SLW 400 DC V2V TR</b> [01784]	high wall	ultraslim	-	400
<b>SLW 600 DC V2V TR</b> [01785]	high wall	ultraslim	-	600
<b>SLW 800 DC V2V TR</b> [01786]	high wall	ultraslim	-	800
<b>SLW 400 DC V2V AR</b> [01875]	high wall	ultraslim	-	400
<b>SLW 600 DC V2V AR</b> [01876]	high wall	ultraslim	-	600
<b>SLW 800 DC V2V AR</b> [01877]	high wall	ultraslim	-	800
<b>SLW 400 DC V3V TR</b> [01787]	high wall	ultraslim	-	400
<b>SLW 600 DC V3V TR</b> [01788]	high wall	ultraslim	-	600
<b>SLW 800 DC V3V TR</b> [01789]	high wall	ultraslim	-	800
<b>SLW 400 DC V3V AR</b> [01878]	high wall	ultraslim	-	400
<b>SLW 600 DC V3V AR</b> [01879]	high wall	ultraslim	-	600
<b>SLW 800 DC V3V AR</b> [01880]	high wall	ultraslim	-	800



**Bi2 Wall  
[SLIM]**

<b>SLW 1000 DC V2V TR</b> [02467]	high wall	slim	-	1000
<b>SLW 1200 DC V2V TR</b> [02459]	high wall	slim	-	1200
<b>SLW 1400 DC V2V TR</b> [02463]	high wall	slim	-	1400
<b>SLW 1000 DC V2V AR</b> [02468]	high wall	slim	-	1000
<b>SLW 1200 DC V2V AR</b> [02460]	high wall	slim	-	1200
<b>SLW 1400 DC V2V AR</b> [02464]	high wall	slim	-	1400
<b>SLW 1000 DC V3V TR</b> [02465]	high wall	slim	-	1000
<b>SLW 1200 DC V3V TR</b> [02457]	high wall	slim	-	1200
<b>SLW 1400 DC V3V TR</b> [02461]	high wall	slim	-	1400
<b>SLW 1000 DC V3V AR</b> [02466]	high wall	slim	-	1000
<b>SLW 1200 DC V3V AR</b> [02458]	high wall	slim	-	1200
<b>SLW 1400 DC V3V AR</b> [02462]	high wall	slim	-	1400

# Fan coil units

		TYPE	DESIGN	RADIANT	SIZE
 <p><b>Bi2 Smart [S1]</b></p>	<b>SL SMART S1 200 B DC</b> [02122]	with aesthetics	ultraslim	-	200
	<b>SL SMART S1 400 B DC</b> [02123]	with aesthetics	ultraslim	-	400
	<b>SL SMART S1 600 B DC</b> [02124]	with aesthetics	ultraslim	-	600
	<b>SL SMART S1 800 B DC</b> [02125]	with aesthetics	ultraslim	-	800
	<b>SLR SMART S1 200 B DC</b> [02127]	with aesthetics	ultraslim	✓	200
	<b>SLR SMART S1 400 B DC</b> [02128]	with aesthetics	ultraslim	✓	400
	<b>SLR SMART S1 600 B DC</b> [02129]	with aesthetics	ultraslim	✓	600
	<b>SLR SMART S1 800 B DC</b> [02130]	with aesthetics	ultraslim	✓	800
 <p><b>Bi2 Naked [ULTRASLIM]</b></p>	<b>SLI 200 DC</b> [01513]	recessed	ultraslim	-	200
	<b>SLI 400 DC</b> [01514]	recessed	ultraslim	-	400
	<b>SLI 600 DC</b> [01515]	recessed	ultraslim	-	600
	<b>SLI 800 DC</b> [01516]	recessed	ultraslim	-	800
	<b>SLIR 200 DC</b> [01639]	recessed	ultraslim	✓	200
	<b>SLIR 400 DC</b> [01640]	recessed	ultraslim	✓	400
	<b>SLIR 600 DC</b> [01641]	recessed	ultraslim	✓	600
	<b>SLIR 800 DC</b> [01642]	recessed	ultraslim	✓	800
 <p><b>Bi2 Naked [SLIM]</b></p>	<b>SLI 1100 DC</b> [02363]	recessed	slim	-	1100
	<b>SLI 1400 DC</b> [02056]	recessed	slim	-	1400
	<b>SLI 1600 DC</b> [02057]	recessed	slim	-	1600
	<b>SLIR 1100 DC</b> [02364]	recessed	slim	✓	1100
	<b>SLIR 1400 DC</b> [02071]	recessed	slim	✓	1400
	<b>SLIR 1600 DC</b> [02072]	recessed	slim	✓	1600
 <p><b>Bi2 Cassette</b></p>	<b>CST 520 DC</b> [02646]	NEW ceiling recess	standard	-	520
	<b>CST 620 DC</b> [02647]	NEW ceiling recess	standard	-	620
	<b>CST 720 DC</b> [02648]	NEW ceiling recess	standard	-	720



### Bi2 Ducted

	TYPE	DESIGN	RADIANT	SIZE
<b>DCT 220 DC P F</b> [02546]	ductable recessed	slim	-	220
<b>DCT 320 DC P F</b> [02547]	ductable recessed	slim	-	320
<b>DCT 420 DC P F</b> [02548]	ductable recessed	slim	-	420
<b>DCT 520 DC P F</b> [02549]	ductable recessed	slim	-	520
<b>DCT 620 DC P F</b> [02550]	ductable recessed	slim	-	620
<b>DCT 720 DC P F</b> [02551]	ductable recessed	slim	-	720
<b>DCT 820 DC P F</b> [02552]	ductable recessed	slim	-	820
<b>DCT 1020 DC P F</b> [02553]	ductable recessed	slim	-	1020
<b>DCT 1120 DC P F</b> [02554]	ductable recessed	slim	-	1120
<b>DCT 1220 DC P F</b> [02555]	ductable recessed	slim	-	1220
<b>DCT 220 DC P B</b> [02536]	ductable recessed	slim	-	220
<b>DCT 320 DC P B</b> [02537]	ductable recessed	slim	-	320
<b>DCT 420 DC P B</b> [02538]	ductable recessed	slim	-	420
<b>DCT 520 DC P B</b> [02539]	ductable recessed	slim	-	520
<b>DCT 620 DC P B</b> [02540]	ductable recessed	slim	-	620
<b>DCT 720 DC P B</b> [02541]	ductable recessed	slim	-	720
<b>DCT 820 DC P B</b> [02542]	ductable recessed	slim	-	820
<b>DCT 1020 DC P B</b> [02543]	ductable recessed	slim	-	1020
<b>DCT 1120 DC P B</b> [02544]	ductable recessed	slim	-	1120
<b>DCT 1220 DC P B</b> [02545]	ductable recessed	slim	-	1220

# Key

## STANDARD CONTROLS



Touchscreen display (standard for TR versions)



Possibility of connection to SiOS Control home automation system



Possibility of connection to external home automation system



Remote control (standard for TR versions)

## FUNCTIONS



### Auto Mode

Modulates the operating parameters, depending on the setpoint and ambient temperature.



### Swing

Improves airflow diffusion, thanks to the flap oscillation.



### Keyboard Lock

Locks the command possibilities, to limit unauthorised access



### Timer

Sets automatic powering on and/or off.



### Sleep Mode

Gradually adjusts the set temperature, for greater night-time well-being.



UNICO

NEXVA

SHERPA

B12

SITALI

SIOS CONTROL

DOLCECLIMA

AQUARIA

FAN COIL UNITS

# BI2 AIR

## [ULTRASLIM]



Size	<b>200, 400, 600, 800</b>
Type	<b>with aesthetics</b>
Design	<b>ultraslim</b>
Radiant technology	✓



### Multiset Control

Possibility of remote control with wall controls or home automation system, through 2 different methods: 0-10V analogue input or contacts (AR versions) or Modbus RS485 ASCII or RTU serial protocol (TR versions). For TR versions, possibility of remote control using the wireless kit (optional) and the remote control (standard) or directly via the on-board touchscreen interface (standard).

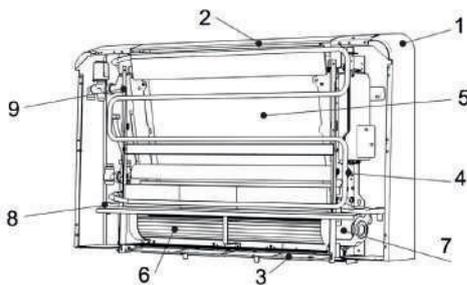
### Radiant technology

Terminals also available in the fan coil radiant version (SLR), with coil heating panel in addition to the coil. The integrated radiant technology allows the room to be kept warm in heating mode even with the fan switched off, improving acoustic comfort and optimising electrical consumption.



- Cooling**
- Heating**
- Dehumidification**
- Ventilation**
- Auto Mode**
- Keyboard Lock**
- Sleep Mode**
- Swing**
- Timer**

### LAYOUT



1. Monobloc front casing in electrogalvanised sheet metal with ABS side panels
2. Steel air delivery flap (motorised)
3. Anti-intrusion air intake grille with removable filters
4. High efficiency radiant heating panel (SLR version)
5. Heat exchanger battery
6. Tangential fan
7. Brushless DC electric motor
8. Condensate trap
9. Water temperature probe

### INSTALLATION



Floor-standing, with foot kit.

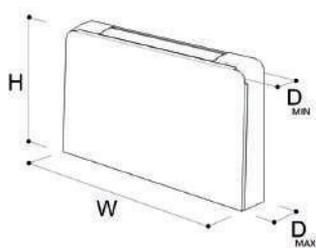


Low-walled.



Ceiling mounted (SL versions only).

## DIMENSIONS AND WEIGHT



		200	400	600	800
W	mm	695	895	1095	1295
H	mm	599	599	599	599
D	mm	129   150	129   150	129   150	129   150
WEIGHT	kg	SL 11.5	SL 13.0	SL 15.5	SL 18.5
		SLR 13.5	SLR 15.5	SLR 19.5	SLR 22.5

## COMPATIBLE ACCESSORIES

		SL	SLR			SL	SLR		
CONTROLS	INDRZ	Addressing of the Modbus control kit	TR	TR	HYDRAULICS	B0201	Adapter connection kit for 3/4" gas thread	o	o
	B1236	Wireless programmable thermostat	TR	TR		B0203	Eurokonus 90° bending connection kit	o	o
	B1237	SI wireless kit	TR	TR		B0852	Floor mounting bracket kit	≤800	≤800
	B0736	Modbus wall-mounted programmable thermostat kit	TR	TR		B0853	Aesthetic kit feet for covering	≤800	≤800
	B0921	Contact touch wall-mounted thermostat kit	AR	-		B0847	Back panel	200	200
ELECTRIC	B1130	Wireless kit	TR	TR	B0848	Back panel	400	400	
	B0839	LH-RH connection rotation extension kit	o	o	B0849	Back panel	600	600	
HYDRAULICS	B0832	2-way valve group kit with 4-wire actuator	o	o	B0850	Back panel	800	800	
	B0834	3-way valve group kit with 4-wire actuator	o	o	B0520	Ceiling-mount kit (condensate trap)	200	-	
	B0205	Manual 2-way valve group kit	o	o	B0521	Ceiling-mount kit (condensate trap)	400	-	
	B0204	Manual 2-way valve insulation kit	o	o	B0522	Ceiling-mount kit (condensate trap)	600	-	
	B0200	Adapter connection kit for 1/2" gas thread	o	o	B0523	Ceiling-mount kit (condensate trap)	800	-	
	AESTHETICS	B0201	Adapter connection kit for 3/4" gas thread	o	o				
B0203		Eurokonus 90° bending connection kit	o	o					
B0852		Floor mounting bracket kit	≤800	≤800					
B0853		Aesthetic kit feet for covering	≤800	≤800					
B0847		Back panel	200	200					
B0848		Back panel	400	400					
B0849		Back panel	600	600					

• Standard accessory; o Optional accessory; - Incompatible accessory

When compatibility is only possible with certain sizes or models, the information is given in the table. Accessory description available at end of chapter.

## TECHNICAL DATA

		200			400			600			800					
		01851			01852			01853			01854					
		01767			01768			01769			01770					
		01856			01857			01858			01859					
		01772			01773			01774			01775					
Fan speed		Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High			
SLR ONLY	Total power output in cooling mode	a27/19 - w7/12 (a)	(E)	kW	0,38	0,71	0,82	0,91	1,34	1,74	1,5	2,1	2,54	1,98	2,69	3,29
	Sensitive power output in cooling mode	a27/19 - w7/12 (a)	(E)	kW	0,26	0,5	0,64	0,65	1,02	1,25	1,1	1,56	1,94	1,54	2,09	2,54
	Fluid flow rate	a27/19 - w7/12 (a)	(E)	l/h	66,2	123,3	142,9	157,6	232	302,5	259,2	363,1	440,3	341,9	464,7	570
	Water side head loss	a27/19 - w7/12 (a)	(E)	kPa	3,8	10,6	13,1	2,4	5,5	8,2	7,5	14,2	19	7,3	13,8	18,7
	Total power output in heating mode	a20/15 - w50/- (b)	(E)	kW	0,64	0,84	1,05	1,25	1,65	2,31	1,75	2,56	3,12	2,21	3,1	4,1
	Fluid flow rate	a20/15 - w50/- (b)	(E)	l/h	66,2	123,3	142,9	157,6	232	302,5	259,2	363,1	440,3	341,9	464,7	570
	Water side head loss	a20/15 - w50/- (b)	(E)	kPa	3,2	8,8	10,9	2	4,6	6,8	6,2	11,8	15,8	6,1	11,5	15,5
	Total power output in heating mode	a20/15 - w45/40 (c)	(E)	kW	0,54	0,7	0,88	1,06	1,39	1,94	1,46	2,14	2,6	1,85	2,6	3,44
	Fluid flow rate	a20/15 - w45/40 (c)	(E)	l/h	91,9	119,9	150	181,9	238,1	330,3	250,6	365,7	444,6	316,6	444,8	587,9
	Water side head loss	a20/15 - w45/40 (c)	(E)	kPa	5,7	8,8	12,2	2,9	4,8	7,9	5,8	11,8	16	4,1	8,9	14,2
	Absorbed power		(E)	W	5	7	11	6	9	19	7	11	20	8	12	24
	Sound Power Lw (A)		(E)	dB(A)	38	45	52	39	46	53	41	47	53	42	48	54
	Sound pressure Lp (A)		(d)	dB(A)	29	36	43	30	37	44	32	38	44	33	39	45
	Air flow rate		(f)	m <sup>3</sup> /h	100	130	160	190	250	320	280	360	460	350	450	575
	Battery water content			l		0,47			0,8			1,13		1,46		
	Maximum operating pressure			bar		10			10			10		10		
	Hydraulic fittings			inch		Eurocono 3/4			Eurocono 3/4			Eurocono 3/4		Eurocono 3/4		
	Electrical power supply			V/ph/Hz		230/1/50			230/1/50			230/1/50		230/1/50		
	Max static heating efficiency (50°C)			kW		0,37			0,42			0,5		0,62		
	Max static heating efficiency (70°C)			kW		0,59			0,71			0,84		1,04		
	Water content of the radiant panel			l		0,19			0,35			0,43		0,50		

The above services refer to the following operating conditions:

(a) Cooling mode at standard conditions: air temperature 27°C b.s. 19°C b.u., water inlet temperature 7°C, water outlet temperature 12°C

(b) Heating mode conditions of use 1: air temperature 20°C b.s., 15°C b.u. max, water inlet temperature 50°C, water flow equal to the cooling water standard condition

(c) Heating mode standard conditions: air temperature 20°C b.s., 15°C b.u. max, water inlet temperature 45°C, water outlet temperature 40°C

(d) Sound pressure level valid for closed rooms with a volume of 100 m<sup>3</sup> with a reverberation time of 0.5 s and installation on the floor/ceiling, sound emission on 1/4 sphere at 3 m distance

(E) Eurovent certified data

(f) Air flow rate measured with clean filters

FAN COIL UNITS

# BI2 AIR

[SLIM]



Size	<b>1100, 1400, 1600</b>
Type	<b>with aesthetics</b>
Design	<b>slim</b>
Radiant technology	✓



### Multiset Control

Possibility of remote control with wall controls or home automation system, through 2 different methods: 0-10V analogue input or contacts (AR versions) or Modbus RS485 ASCII or RTU serial protocol (TR versions). For TR versions, possibility of remote control using the wireless kit (optional) and the remote control (standard) or directly via the on-board touchscreen interface (standard).

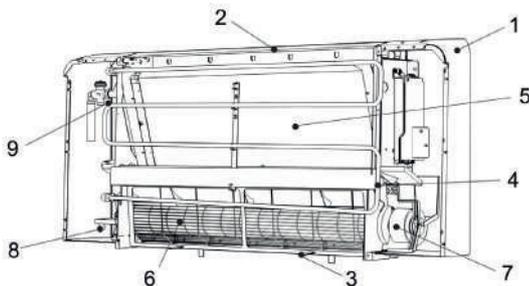
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- Ventilation**
- Auto Mode**
- Keyboard Lock**
- Sleep Mode**
- Swing**
- Timer**

### LAYOUT

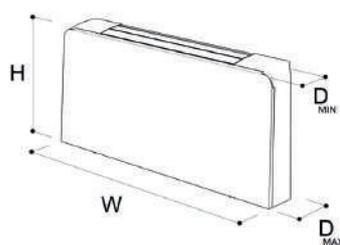


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2. Steel air delivery flap (motorised)
3. Anti-intrusion air intake grille with removable filters
4. High efficiency radiant heating panel (SLR version)
5. Heat exchanger battery
6. Tangential fan
7. Brushless DC electric motor
8. Condensate trap
9. Water temperature probe

### INSTALLATION



## DIMENSIONS AND WEIGHT



		1100	1400	1600
W	mm	1345	1345	1415
H	mm	599	599	599
D	mm	179   200	179   200	179   200
WEIGHT	kg	24	SL 22.5	SL 24.0
			SLR 24.5	SLR 26.0

## COMPATIBLE ACCESSORIES

		SL	SLR			SL	SLR		
CONTROLS	INDRZ	Addressing of the Modbus control kit	TR	TR	HYDRAULICS	B0204	Manual 2-way valve insulation kit	o	o
	B1236	Wireless programmable thermostat	TR	TR		B0200	Adapter connection kit for 1/2" gas thread	o	o
	B1237	SI wireless kit	TR	TR		B0201	Adapter connection kit for 3/4" gas thread	o	o
	B0736	Modbus wall-mounted programmable thermostat kit	TR	TR		B0203	Eurokonus 90° bending connection kit	o	o
	B0921	Contact touch wall-mounted thermostat kit	AR	-		AESTHETICS	B0875	Floor mounting bracket kit	≥1100
B1130	Wireless kit	TR	TR	B0874	Aesthetic kit feet for covering		≥1100	≥1100	
ELECTRIC	B0839	LH-RH connection rotation extension kit	o	o	B0876		Back panel	1100/1400	1100/1400
	B0832	2-way valve group kit with 4-wire actuator	o	o	B0877		Back panel	1600	1600
HYDRAULICS	B0834	3-way valve group kit with 4-wire actuator	o	o	B0878		Ceiling-mount kit (condensate trap)	1100/1400	-
	B0205	Manual 2-way valve group kit	o	o	B0879	Ceiling-mount kit (condensate trap)	1600	-	

• Standard accessory; o Optional accessory; - Incompatible accessory

When compatibility is only possible with certain sizes or models, the information is given in the table. Accessory description available at end of chapter.

## TECHNICAL DATA

		1100			1400			1600				
SL AIR DC TR			02362			02048				02050		
	SL AIR DC AR		02361			02049				02051		
	SLR AIR DC TR		02360			02052				02054		
	SLR AIR DC AR		02359			02053				02055		
<b>Fan speed</b>			Low	Medium	High	Low	Medium	High	Low	Medium	High	
Total power output in cooling mode		a27/19 - w7/12 (a) (E)	kW	2,43	3,24	3,85	3,05	3,78	4,45	3,28	4,09	4,85
Sensitive power output in cooling mode		a27/19 - w7/12 (a) (E)	kW	1,78	2,41	2,93	2,14	2,69	3,2	2,3	2,9	3,5
Fluid flow rate		a27/19 - w7/12 (a)	l/h	417,4	557,3	664,2	525,6	652,4	769,9	565,2	706	839,2
Water side head loss		a27/19 - w7/12 (a) (E)	kPa	13,9	23,7	32,6	19	27,8	37,2	20,9	30,8	41
Total power output in heating mode		a20/15 - w50/- (b) (E)	kW	2,88	4,06	4,8	3,61	4,53	5,5	3,85	4,87	5,9
Fluid flow rate		a20/15 - w50/- (b)	l/h	417,4	557,3	664,2	525,6	652,4	769,9	565,2	706	839,2
Water side head loss		a20/15 - w50/- (b) (E)	kPa	12,3	21,1	29,1	16,2	23,7	31,7	19,4	28,6	35,7
Total power output in heating mode		a20/15 - w45/40 (c) (E)	kW	2,6	3,4	4,11	3,07	3,87	4,7	3,28	4,16	5,05
Fluid flow rate		a20/15 - w45/40 (c)	l/h	449	590	712	527,1	663,4	803,9	563,1	713	863,6
Water side head loss		a20/15 - w45/40 (c) (E)	kPa	14,3	23,5	33,3	17,1	25,8	35,5	20,2	30,8	38,8
Absorbed power		(E)	W	6	13	26	6	13	26	10	15	29
Sound Power Lw (A)		(E)	dB(A)	39	46	50	38	49	54	42	50	55
Sound pressure Lp (A)		(d)	dB(A)	30	41	46	30	41	46	31	42	47
Air flow rate		(f)	m3/h	460	610	765	460	610	765	490	655	820
Battery water content			l	1,94			2,33			2,5		
Maximum operating pressure			bar	10			10			10		
Hydraulic fittings			inch	Eurocono 3/4			Eurocono 3/4			Eurocono 3/4		
Electrical power supply			V/ph/Hz	230/1/50			230/1/50			230/1/50		
SLR ONLY	Max static heating efficiency (50°C)		kW	0,45			0,45			0,5		
	Max static heating efficiency (70°C)		kW	0,8			0,8			0,9		
	Water content of the radiant panel		l	0,57			0,57			0,57		

The above services refer to the following operating conditions:

(a) Cooling mode at standard conditions: air temperature 27°C b.s. 19°C b.u., water inlet temperature 7°C, water outlet temperature 12°C

(b) Heating mode conditions of use 1: air temperature 20°C b.s., 15°C b.u. max, water inlet temperature 50°C, water flow equal to the cooling water standard condition

(c) Heating mode standard conditions: air temperature 20°C b.s., 15°C b.u. max, water inlet temperature 45°C, water outlet temperature 40°C

(d) Sound pressure level valid for closed rooms with a volume of 100 m3 with a reverberation time of 0.5 s and installation on the floor/ceiling, sound emission on 1/4 sphere at 3 m distance

(E) Eurovent certified data

(f) Air flow rate measured with clean filters

FAN COIL UNITS

# BI2 WALL

[ULTRASLIM]



Size	<b>400, 600, 800</b>
Type	<b>high wall</b>
Design	<b>ultraslim</b>



## Reversible installation

It can be installed as a high-wall split (high-wall configuration) or as a low-wall console machine (console configuration). Depending on the installation configuration, a combination of keys on the on-board control will rotate the display digits.

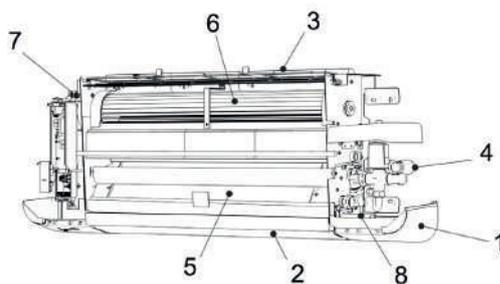
## Multiset Control

Possibility of remote control with wall controls or home automation system, through 2 different methods: 0-10V analogue input or contacts (AR versions) or Modbus RS485 ASCII or RTU serial protocol (TR versions). For TR versions, possibility of remote control using the wireless kit (optional) and the remote control (standard) or directly via the on-board touchscreen interface (standard).



- Cooling**
- Heating**
- Dehumidification**
- Ventilation**
- Auto Mode**
- Keyboard Lock**
- Sleep Mode**
- Swing**
- Timer**

## LAYOUT



1. Monobloc front casing in electrogalvanised sheet metal with ABS side panels
2. Steel air delivery flap (motorised)
3. Anti-intrusion air intake grille with removable filters
4. Hydraulic connections with integrated 2-way or 3-way 4-wire valve
5. Heat exchanger battery
6. Tangential fan
7. Brushless DC electric motor
8. Condensate trap
- Water temperature probe

## INSTALLATION

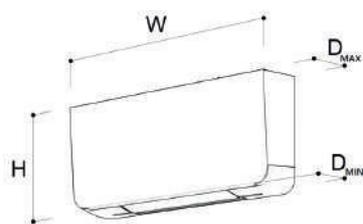


Low-walled.



High wall

## DIMENSIONS AND WEIGHT



		400	600	800
W	mm	906	1106	1306
H	mm	380	380	380
D	mm	129   150	129   150	129   150
WEIGHT	kg	13.0	14.5	16.0

## COMPATIBLE ACCESSORIES

CONTROLS	Code	Description	Compatibility
CONTROLS	INDRZ	Addressing of the Modbus control kit	TR
	B1236	Wireless programmable thermostat	TR
	B1237	SI wireless kit	TR
CONTROLS	B0736	Modbus wall-mounted programmable thermostat kit	TR
	B0921	Contact touch wall-mounted thermostat kit	AR
	B1130	Wireless kit	TR

● Standard accessory; ○ Optional accessory; - Incompatible accessory

When compatibility is only possible with certain sizes or models, the information is given in the table. Accessory description available at end of chapter.

## TECHNICAL DATA

		400			600			800			
		01784 01785 01787 01878			01785 01876 01788 01879			01786 01877 01789 01880			
Fan speed		Low	Medium	High	Low	Medium	High	Low	Medium	High	
Total power output in cooling mode	a27/19 - w7/12 (a) (E)	kW	0,52	0,71	1,01	0,69	0,89	1,23	0,77	1,09	1,82
Sensitive power output in cooling mode	a27/19 - w7/12 (a) (E)	kW	0,42	0,59	0,91	0,58	0,80	1,15	0,65	0,95	1,47
Fluid flow rate	a27/19 - w7/12 (a)	l/h	90,6	124,0	177,0	120,1	155,1	215,5	134,0	189,7	317,7
Water side head loss	a27/19 - w7/12 (a) (E)	kPa	2,8	5,2	8,9	4,9	6	7,9	2,1	4,8	11
Total power output in heating mode	a20/15 - w50/- (b) (E)	kW	0,67	0,99	1,55	0,98	1,37	2,16	1,14	1,68	2,85
Fluid flow rate	a20/15 - w50/- (b)	l/h	90,6	124,0	177,0	120,1	155,1	215,5	134,0	189,7	317,7
Water side head loss	a20/15 - w50/- (b) (E)	kPa	2,4	4,5	7,1	1,9	2,9	2,5	2,0	4,6	8,8
Total power output in heating mode	a20/15 - w45/40 (c) (E)	kW	0,58	0,86	1,40	0,86	1,20	1,90	0,99	1,45	2,50
Fluid flow rate	a20/15 - w45/40 (c)	l/h	99,1	146,3	237,5	146,5	204,6	322,8	168,1	247,8	425,4
Water side head loss	a20/15 - w45/40 (c) (E)	kPa	3,4	6,7	11,6	6,7	11,9	5,4	8,5	16,4	15,3
Absorbed power	(E)	W	7	11	19	8	12	23	9	13	27
Sound Power Lw (A)	(E)	dB(A)	43	49	57	43	50	58	43	50	58
Sound pressure Lp (A)	(d)	dB(A)	34	40	48	34	41	49	34	41	49
Air flow rate	(f)	m3/h	140	190	290	190	260	400	200	280	430
Battery water content		l	0,3			0,4			0,5		
Maximum operating pressure		bar	8			8			8		
Hydraulic fittings		inch	Eurocono 3/4			Eurocono 3/4			Eurocono 3/4		
Electrical power supply		V/ph/Hz	230/1/50			230/1/50			230/1/50		

The above services refer to the following operating conditions:

(a) Cooling mode at standard conditions: air temperature 27°C b.s., 19°C b.u., water inlet temperature 7°C, water outlet temperature 12°C

(b) Heating mode conditions of use 1: air temperature 20°C b.s., 15°C b.u. max, water inlet temperature 50°C, water flow equal to the cooling water standard condition

(c) Heating mode standard conditions: air temperature 20°C b.s., 15°C b.u. max, water inlet temperature 45°C, water outlet temperature 40°C

(d) Sound pressure level valid for closed rooms with a volume of 100 m<sup>3</sup> with a reverberation time of 0.5 s and installation on the floor/ceiling, sound emission on 1/4 sphere at 3 m distance

(E) Eurovent certified data

(f) Air flow rate measured with clean filters

FAN COIL UNITS



# BI2 WALL

[SLIM]

Size	<b>1000, 1200, 1400</b>
Type	<b>high wall</b>
Design	<b>slim</b>



## Ideal for above-door installations

Designed to achieve one of the highest power-to-volume ratios on the market, the unit is particularly compact and allows for easy above-door installation, making use of a space that is almost always unused. In more complex drainage situations (where gradients do not allow for natural water discharge), the condensate pump kit is available (code B0983 optional).

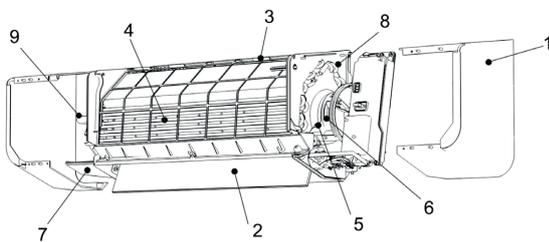
## Multiset Control

Possibility of remote control with wall controls or home automation system, through 2 different methods: 0-10V analogue input or contacts (AR versions) or Modbus RS485 ASCII or RTU serial protocol (TR versions). For TR versions, possibility of remote control using the wireless kit (optional) and the remote control (standard) or directly via the on-board touchscreen interface (standard).



- Cooling**
- Heating**
- Dehumidification**
- Ventilation**
- Auto Mode**
- Keyboard Lock**
- Sleep Mode**
- Swing**
- Timer**

## LAYOUT



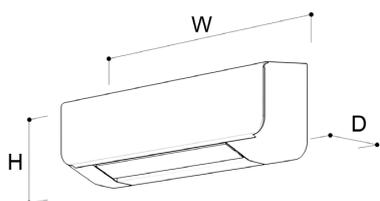
1. Monobloc front casing in electrogalvanised sheet metal with ABS side panels
2. Steel air delivery flap (motorised)
3. Anti-intrusion air intake grille with removable filters
4. Heat exchanger battery
5. Tangential fan
6. Brushless DC electric motor
7. Condensate trap
4. Water temperature probe
9. Hydraulic connections with 2-way or 3-way 4-wire valve
- Optional condensate drain pump

## INSTALLATION



High-walled, over-door.

## DIMENSIONS AND WEIGHT



		1000	1200	1400
W	mm	940	940	940
H	mm	303	303	303
D	mm	226	226	226
WEIGHT	kg	11	12.0	12.0

## COMPATIBLE ACCESSORIES

CONTROLS	CONTROLS			CON- DENSA- TION	CON- DENSA- TION		
	Model	Description	Accessories		Model	Description	Accessories
CONTROLS	INDRZ	Addressing of the Modbus control kit	TR	CON- DENSA- TION	B0921	Contact touch wall-mounted thermostat kit	AR
	B1236	Wireless programmable thermostat	TR		B1130	Wireless kit	TR
	B1237	S1 wireless kit	TR		B0983	Condensate pump kit	o
	B0736	Modbus wall-mounted programmable thermostat kit	TR				

- Standard accessory; ○ Optional accessory; - Incompatible accessory

When compatibility is only possible with certain sizes or models, the information is given in the table. Accessory description available at end of chapter.

## TECHNICAL DATA

					1000			1200			1400			
<b>SLW DC V2V TR</b>						02467		02459		02463				
<b>SLW DC V2V AR</b>						02468		02460		02464				
<b>SLW DC V3V TR</b>						02465		02457		02461				
<b>SLW DC V3V AR</b>						02466		02458		02462				
<b>Fan speed</b>						Low	Medium	High	Low	Medium	High	Low	Medium	High
Total power output in cooling mode	a27/19 - w7/12	(a)	(E)	kW	1,10	1,90	2,40	1,90	2,50	3,10	2,20	3,20	3,90	
Sensitive power output in cooling mode	a27/19 - w7/12	(a)	(E)	kW	0,91	1,55	1,98	1,62	2,10	2,59	1,86	2,68	3,33	
Fluid flow rate	a27/19 - w7/12	(a)		l/h	195,9	326,4	411,2	325,7	428,9	532,3	378,3	549,2	665,9	
Water side head loss	a27/19 - w7/12	(a)	(E)	kPa	7,2	19,4	32,4	14,8	24,2	36,8	19,1	39,1	58,2	
Total power output in heating mode	a20/15 - w50/-	(b)	(E)	kW	1,59	2,62	3,31	2,67	3,40	4,17	3,02	4,30	5,05	
Fluid flow rate	a20/15 - w50/-	(b)		l/h	195,9	326,4	411,2	325,7	428,9	532,3	378,3	549,2	665,9	
Water side head loss	a20/15 - w50/-	(b)	(E)	kPa	6,8	18,6	31,6	14,1	23,2	34,9	18,5	38,3	56,6	
Total power output in heating mode	a20/15 - w45/40	(c)	(E)	kW	1,43	2,37	2,91	2,30	2,94	3,61	2,62	3,72	4,59	
Fluid flow rate	a20/15 - w45/40	(c)		l/h	237,8	399,3	500,2	395,1	506,3	620,4	450,1	640,2	789,8	
Water side head loss	a20/15 - w45/40	(c)	(E)	kPa	10,0	28,1	42,9	21,0	33,9	50,1	27,2	52,9	80,1	
Absorbed power			(E)	W	8	15	22	9	14	21	11	23	38	
Sound Power Lw (A)			(E)	dB(A)	37	45	51	38	43	51	40	50	56	
Sound pressure Lp (A)			(d)	dB(A)	23	32	39	24	30	39	27	37	44	
Air flow rate		(f)		m3/h	227	393	517	389	510	640	450	661	856	
Battery water content				l		0,75			0,97			0,97		
Maximum operating pressure				bar		8			8			8		
Hydraulic fittings				inch		Piana 1/2			Piana 1/2			Piana 1/2		
Electrical power supply				V/ph/Hz		230/1/50			230/1/50			230/1/50		

The above performance refers to the following operating conditions:

- (a) Cooling mode in standard conditions: air temperature 27°C DB 19°C WB, water inlet temperature 7°C, water outlet temperature 12°C  
 (a) Cooling mode in standard conditions: air temperature 27°C DB 19°C WB, water inlet temperature 7°C, water outlet temperature 12°C  
 (c) Heating mode standard conditions: air temperature 20°C DB, 15°C WB max, water inlet temperature 45°C, water outlet temperature 40°C  
 (d) Sound pressure level applicable to indoor environments with a volume of

100 m<sup>3</sup>, a reverberation time of 0.5 s and wall-mounted installation, with sound emission over a half-sphere at a distance of 3 metres

- (E) Eurovent certified data  
 (E) Eurovent certified data

FAN COIL UNITS

# BI2 SMART

[S1]



Size	<b>200, 400, 600, 800</b>
Type	<b>with aesthetics</b>
Design	<b>ultraslim</b>
Radiant technology	✓



### Total flat design

The air intake system located on the lower side allows the grilles to be hidden from view and ensures a clean and linear aesthetic for better integration of the unit with the rear wall.

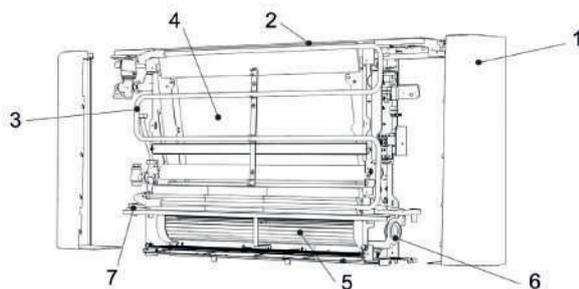
### Radiant technology

Terminals also available in the fan coil radiant version (SLR), with coil heating panel in addition to the coil. The integrated radiant technology allows the room to be kept warm in heating mode even with the fan switched off, improving acoustic comfort and optimising electrical consumption.



- Cooling**
- Heating**
- Dehumidification**
- Ventilation**
- Auto Mode**
- Keyboard Lock**
- Sleep Mode**
- Timer**

### LAYOUT



1. Metal front panel and ABS side panels
2. Air supply grille
3. High efficiency radiant heating panel (SLR version)
4. Heat exchanger battery
5. Tangential fan
6. Brushless DC electric motor
7. Condensate trap
- Water temperature probe

### INSTALLATION



Floor-standing, with foot kit.

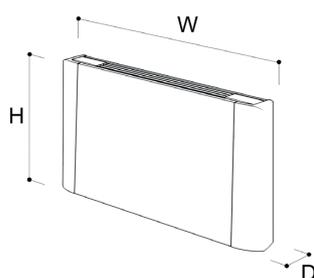


Low-walled.



Ceiling mounted (SL versions only).

## DIMENSIONS AND WEIGHT



		200	400	600	800
W	mm	759	959	1159	1359
H	mm	579	579	579	579
D	mm	129   150	129   150	129   150	129   150
WEIGHT	kg	SL 11.5	SL 13.0	SL 15.5	SL 18.5
		SLR 13.5	SLR 15.5	SLR 19.5	SLR 22.5

## COMPATIBLE ACCESSORIES

		SL	SLR			SL	SLR			
CONTROLS	INDRZ	Addressing of the Modbus control kit	B0872	B0872	HYDRAULICS	B0204	Manual 2-way valve insulation kit	o	o	
	B0872	On-board autonomous flat touch control kit	o	o		B0200	Adapter connection kit for 1/2" gas thread	o	o	
	B0873	Electronic contacts/0-10V remote control kit	o	o		B0201	Adapter connection kit for 3/4" gas thread	o	o	
	B1236	Wireless programmable thermostat	B0872	B0872		B0203	Eurokonus 90° bending connection kit	o	o	
	B1237	S1 wireless kit	B0872	B0872		AESTHETICS	B0938	Floor mounting bracket kit	o	o
	B0736	Modbus wall-mounted programmable thermostat kit	B0872	B0872			B0937	Aesthetic kit feet for covering	o	o
	B0921	Contact touch wall-mounted thermostat kit	B0873	-			B0982	Aesthetic ceiling feet kit	o	-
B1130	Wireless kit	B0872	B0872	B0520	Ceiling-mount kit (condensate trap)		200	-		
ELECTRIC	B0633	LH-RH connection rotation extension kit	o	o	B0521		Ceiling-mount kit (condensate trap)	400	-	
	HYDRAULICS	B0832	2-way valve group kit with 4-wire actuator	o	o	B0522	Ceiling-mount kit (condensate trap)	600	-	
B0834		3-way valve group kit with 4-wire actuator	o	o	B0523	Ceiling-mount kit (condensate trap)	800	-		
B0205		Manual 2-way valve group kit	o	o						

● Standard accessory; ○ Optional accessory; - Incompatible accessory

When compatibility is only possible with certain sizes or models, the information is given in the table. Accessory description available at end of chapter.

## TECHNICAL DATA

		200			400			600			800						
		02122 02127			02123 02128			02124 02129			02125 02130						
		Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High				
SL ONLY	<b>SL SMART S1 B DC</b>																
	<b>SLR SMART S1 B DC</b>																
	<b>Fan speed</b>																
	<b>Total power output in cooling mode</b>	a27/19 - w7/12	(a)	(E)	kW	0,38	0,71	0,82	0,91	1,34	1,74	1,5	2,1	2,54	1,98	2,69	3,29
	<b>Sensitive power output in cooling mode</b>	a27/19 - w7/12	(a)	(E)	kW	0,26	0,5	0,64	0,65	1,02	1,25	1,1	1,56	1,94	1,54	2,09	2,54
	<b>Fluid flow rate</b>	a27/19 - w7/12	(a)		l/h	66,2	123,3	142,9	157,6	232	302,5	259,2	363,1	440,3	341,9	464,7	570
	<b>Water side head loss</b>	a27/19 - w7/12	(a)	(E)	kPa	3,8	10,6	13,1	2,4	5,5	8,2	7,5	14,2	19	7,3	13,8	18,7
	<b>Total power output in heating mode</b>	a20/15 - w50/-	(b)	(E)	kW	0,64	0,84	1,05	1,25	1,65	2,31	1,75	2,56	3,12	2,21	3,1	4,1
	<b>Fluid flow rate</b>	a20/15 - w50/-	(b)		l/h	66,2	123,3	142,9	157,6	232	302,5	259,2	363,1	440,3	341,9	464,7	570
	<b>Water side head loss</b>	a20/15 - w50/-	(b)	(E)	kPa	3,2	8,8	10,9	2	4,6	6,8	6,2	11,8	15,8	6,1	11,5	15,5
	<b>Total power output in heating mode</b>	a20/15 - w45/40	(c)	(E)	kW	0,54	0,7	0,88	1,06	1,39	1,94	1,46	2,14	2,6	1,85	2,6	3,44
	<b>Fluid flow rate</b>	a20/15 - w45/40	(c)		l/h	91,9	119,9	150	181,9	238,1	330,3	250,6	365,7	444,6	316,6	444,8	587,9
	<b>Water side head loss</b>	a20/15 - w45/40	(c)	(E)	kPa	5,7	8,8	12,2	2,9	4,8	7,9	5,8	11,8	16	4,1	8,9	14,2
	<b>Absorbed power</b>			(E)	W	5	7	11	6	9	19	7	11	20	8	12	24
	<b>Sound Power Lw (A)</b>			(E)	dB(A)	38	45	52	39	46	53	41	47	53	42	48	54
<b>Sound pressure Lp (A)</b>			(d)	dB(A)	29	36	43	30	37	44	32	38	44	33	39	45	
<b>Air flow rate</b>			(f)	m <sup>3</sup> /h	100	130	160	190	250	320	280	360	460	350	450	575	
<b>Battery water content</b>				l	0,47			0,8			1,13			1,46			
<b>Maximum operating pressure</b>				bar	10			10			10			10			
<b>Hydraulic fittings</b>				inch	Eurocono 3/4			Eurocono 3/4			Eurocono 3/4			Eurocono 3/4			
<b>Electrical power supply</b>				V/ph/Hz	230/1/50			230/1/50			230/1/50			230/1/50			
<b>Max static heating efficiency (50°C)</b>				kW	0,37			0,42			0,5			0,62			
<b>Max static heating efficiency (70°C)</b>				kW	0,59			0,71			0,84			1,04			
<b>Water content of the radiant panel</b>				l	0,19			0,35			0,43			0,50			

The above services refer to the following operating conditions:

(a) Cooling mode at standard conditions: air temperature 27°C b.s., 19°C b.u., water inlet temperature 7°C, water outlet temperature 12°C

(b) Heating mode conditions of use 1: air temperature 20°C b.s., 15°C b.u. max, water inlet temperature 50°C, water flow equal to the cooling water standard condition

(c) Heating mode standard conditions: air temperature 20°C b.s., 15°C b.u. max, water inlet temperature 45°C, water outlet temperature 40°C

(d) Sound pressure level valid for closed rooms with a volume of 100 m<sup>3</sup> with a reverberation time of 0.5 s and installation on the floor/ceiling, sound emission on 1/4 sphere at 3 m distance

(E) Euroflow certified data

(f) Air flow rate measured with clean filters

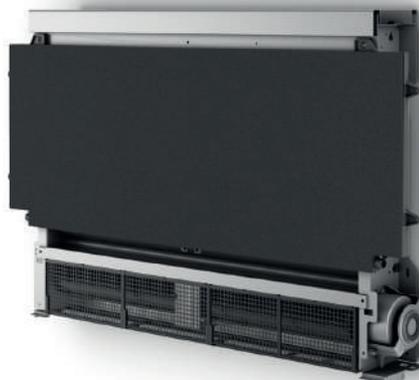
FAN COIL UNITS

# BI2 NAKED

[ULTRASLIM]



Size	<b>200, 400, 600, 800</b>
Type	<b>recessed</b>
Design	<b>ultraslim</b>
Radiant technology	✔



## Maximum architectural integration

Recessed installation, to make the terminal an even more discreet presence in home environments. In the most traditional installation (with metal closing panel) a formwork with a thickness of only 14.2 cm is available.

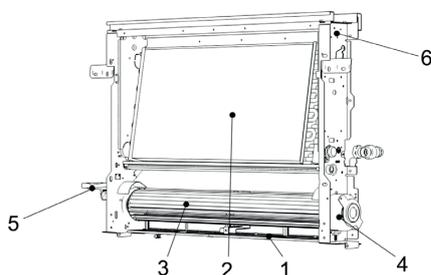
## Radiant technology

In case of wall installation with a metal closing panel, it is also possible to choose a terminal in the fan coil radiant version (SLIR), with coil heating panel in addition to the fan coil standard functioning. The integrated radiant technology allows the room to be kept warm in heating mode even with the fan switched off, improving acoustic comfort and optimising electrical consumption.



- Cooling**
- Heating**
- Dehumidification**
- Ventilation**
- Sleep Mode**
- Auto Mode**
- Timer**

## LAYOUT



1. Anti-intrusion air intake grille with removable filters
  2. Heat exchanger battery
  3. Tangential fan
  4. Brushless DC electric motor
  5. Condensate trap
  6. Water temperature probe
- High efficiency radiant panel (SLIR version)

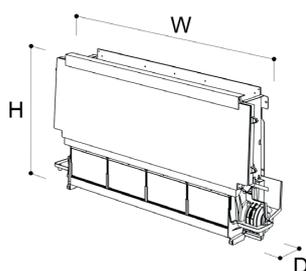
## INSTALLATION

Wall-recessed, with closure panel.

In-wall, with grids (SLI versions only).

Recessed in false ceiling, with grids (SLI versions only).

## DIMENSIONS AND WEIGHT



		200	400	600	800
W	mm	525	725	925	1125
H	mm	576	576	576	576
D	mm	126	126	126	126
WEIGHT	kg	SLI 7.0	SLI 9.5	SLI 11.0	SLI 14.0
		SLIR 9.0	SLIR 12.0	SLIR 15.0	SLIR 18.0

## COMPATIBLE ACCESSORIES

		SLI	SLIR			SLI	SLIR		
CONTROLS	B0872	On-board autonomous flat touch control kit	○	○	RECESSED	B0955	Closing panel	200	-
	B0873	Electronic contacts/0-10V remote control kit	○	○		B0956	Closing panel	400	-
	B1236	Wireless programmable thermostat	○	○		B0957	Closing panel	600	-
	B1237	S1 wireless kit	○	○		B0958	Closing panel	800	-
	B0736	Modbus wall-mounted programmable thermostat kit	○	○		B0550	Air delivery grille with airfoil profile	200	-
	B0921	Contact touch wall-mounted thermostat kit	○	○		B0551	Air delivery grille with airfoil profile	400	-
ELECTRIC	B1130	Wireless kit	○	○		B0552	Air delivery grille with airfoil profile	600	-
	B0633	LH-RH connection rotation extension kit	○	-		B0553	Air delivery grille with airfoil profile	800	-
	B0832	2-way valve group kit with 4-wire actuator	○	○		B0559	Air intake grille with airfoil profile	200	-
	B0834	3-way valve group kit with 4-wire actuator	○	○		B0560	Air intake grille with airfoil profile	400	-
	B0205	Manual 2-way valve group kit	○	○		B0561	Air intake grille with airfoil profile	600	-
	B0204	Manual 2-way valve insulation kit	○	○		B0562	Air intake grille with airfoil profile	800	-
HYDRAULICS	B0200	Adapter connection kit for 1/2" gas thread	○	○		B0194	Intake kit	200	-
	B0201	Adapter connection kit for 3/4" gas thread	○	○		B0195	Intake kit	400	-
	B0203	Eurokonus 90° bending connection kit	○	○		B0196	Intake kit	600	-
	B0568	Formwork for recessed installation	200	200		B0197	Intake kit	800	-
	B0569	Formwork for recessed installation	400	400		B0160	Telescopic top delivery plenum	200	-
	B0570	Formwork for recessed installation	600	600		B0161	Telescopic top delivery plenum	400	-
RECESSED	B0571	Formwork for recessed installation	800	800	B0162	Telescopic top delivery plenum	600	-	
	B0950	Radiant closing panel	-	200	B0163	Telescopic top delivery plenum	800	-	
	B0951	Radiant closing panel	-	400	B0165	Insulated 90° delivery plenum	200	-	
	B0952	Radiant closing panel	-	600	B0166	Insulated 90° delivery plenum	400	-	
	B0953	Radiant closing panel	-	800	B0167	Insulated 90° delivery plenum	600	-	
					B0168	Insulated 90° delivery plenum	800	-	

● Standard accessory; ○ Optional accessory; - Incompatible accessory

When compatibility is only possible with certain sizes or models, the information is given in the table. Accessory description available at end of chapter.

## TECHNICAL DATA

		200			400			600			800						
		01513			01514			01515			01516						
		01639			01640			01641			01642						
		Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High				
SLI DC SLIR DC	Fan speed																
	Total power output in cooling mode	a27/19 - w/12	(a)	(E)	kW	0,38	0,71	0,82	0,91	1,34	1,74	1,5	2,1	2,54	1,98	2,69	3,29
	Sensitive power output in cooling mode	a27/19 - w/12	(a)	(E)	kW	0,26	0,5	0,64	0,65	1,02	1,25	1,1	1,56	1,94	1,54	2,09	2,54
	Fluid flow rate	a27/19 - w/12	(a)		l/h	66,2	123,3	142,9	157,6	232	302,5	259,2	363,1	440,3	341,9	464,7	570
	Water side head loss	a27/19 - w/12	(a)	(E)	kPa	3,8	10,6	13,1	2,4	5,5	8,2	7,5	14,2	19	7,3	13,8	18,7
	Total power output in heating mode	a20/15 - w50/-	(b)	(E)	kW	0,64	0,84	1,05	1,25	1,65	2,31	1,75	2,56	3,12	2,21	3,1	4,1
	Fluid flow rate	a20/15 - w50/-	(b)		l/h	66,2	123,3	142,9	157,6	232	302,5	259,2	363,1	440,3	341,9	464,7	570
	Water side head loss	a20/15 - w50/-	(b)	(E)	kPa	3,2	8,8	10,9	2	4,6	6,8	6,2	11,8	15,8	6,1	11,5	15,5
	Total power output in heating mode	a20/15 - w45/40	(c)	(E)	kW	0,54	0,7	0,88	1,06	1,39	1,94	1,46	2,14	2,6	1,85	2,6	3,44
	Fluid flow rate	a20/15 - w45/40	(c)		l/h	91,9	119,9	150	181,9	238,1	330,3	250,6	365,7	444,6	316,6	444,8	587,9
	Water side head loss	a20/15 - w45/40	(c)	(E)	kPa	5,7	8,8	12,2	2,9	4,8	7,9	5,8	11,8	16	4,1	8,9	14,2
	Absorbed power			(E)	W	5	7	11	6	9	19	7	11	20	8	12	24
	Sound Power Lw (A)			(E)	dB(A)	38	45	52	39	46	53	41	47	53	42	48	54
	Sound pressure Lp (A)			(d)	dB(A)	29	36	43	30	37	44	32	38	44	33	39	45
Air flow rate			(f)	m <sup>3</sup> /h	100	130	160	190	250	320	280	360	460	350	450	575	
Battery water content				l		0,47						1,13			1,46		
Maximum operating pressure				bar		10				10		10			10		
Hydraulic fittings				inch		Eurocono 3/4				Eurocono 3/4		Eurocono 3/4			Eurocono 3/4		
Electrical power supply				V/ph/Hz		230/1/50				230/1/50		230/1/50			230/1/50		
SLR ONLY	Max static heating efficiency (50°C)			kW		0,37				0,42		0,5			0,62		
	Max static heating efficiency (70°C)			kW		0,59				0,71		0,84			1,04		
	Water content of the radiant panel			l		0,19				0,35		0,43			0,50		

The above services refer to the following operating conditions:

(a) Cooling mode at standard conditions: air temperature 27°C b.s. 19°C b.u., water inlet temperature 7°C, water outlet temperature 12°C

(b) Heating mode conditions of use 1: air temperature 20°C b.s., 15°C b.u. max, water inlet temperature 50°C, water flow equal to the cooling water standard condition

(c) Heating mode standard conditions: air temperature 20°C b.s., 15°C b.u. max, water inlet temperature 45°C, water outlet temperature 40°C

(d) Sound pressure level valid for closed rooms with a volume of 100 m<sup>3</sup> with a reverberation time of 0.5 s and installation on the floor/ceiling, sound emission on 1/4 sphere at 3 m distance

(E) Eurovent certified data

(f) Air flow rate measured with clean filters

FAN COIL UNITS

# BI2 NAKED

[SLIM]



Size	<b>1100, 1400, 1600</b>
Type	<b>recessed</b>
Design	<b>slim</b>
Radiant technology	✓



## Maximum architectural integration

Recessed installation, to make the terminal an even more discreet presence in home environments. In the most traditional installation (with metal closing panel) a formwork with a thickness of only 14.2 cm is available.

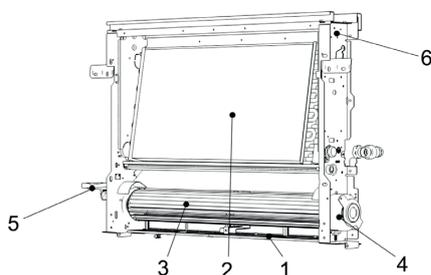
## Radiant technology

In case of wall installation with a metal closing panel, it is also possible to choose a terminal in the fan coil radiant version (SLIR), with coil heating panel in addition to the fan coil standard functioning. The integrated radiant technology allows the room to be kept warm in heating mode even with the fan switched off, improving acoustic comfort and optimising electrical consumption.



- Cooling**
- Heating**
- Dehumidification**
- Ventilation**
- Sleep Mode**
- Auto Mode**
- Timer**

## LAYOUT



1. Anti-intrusion air intake grille with removable filters
  2. Heat exchanger battery
  3. Tangential fan
  4. Brushless DC electric motor
  5. Condensate trap
  6. Water temperature probe
- High efficiency radiant panel (SLIR version)

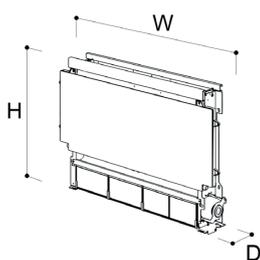
## INSTALLATION

Wall-recessed, with closure panel.

In-wall, with grids (SLI versions only).

Recessed in false ceiling, with grids (SLI versions only).

## DIMENSIONS AND WEIGHT



		1100	1400	1600
W	mm	1110	1110	1180
H	mm	599	599	599
D	mm	198	198	198
WEIGHT	kg	<b>SLI 17.5</b>	<b>SLI 18.0</b>	<b>SLI 19.5</b>
		<b>SLIR 19.5</b>	<b>SLIR 20.0</b>	<b>SLIR 21.0</b>

## COMPATIBLE ACCESSORIES

		SLI	SLIR			SLI	SLIR		
CONTROLS	B0872	On-board autonomous flat touch control kit	○	○	RECESSED	B0894	Formwork for recessed installation	≥1100	≥1100
	B0873	Electronic contacts/0-10V remote control kit	○	○		B0954	Radiant closing panel	-	≥1100
	B1236	Wireless programmable thermostat	○	○		B0959	Closing panel	≥1100	-
	B1237	S1 wireless kit	○	○		B0880	Air delivery grille with airfoil profile	1100/1400	-
	B0736	Modbus wall-mounted programmable thermostat kit	○	○		B0881	Air delivery grille with airfoil profile	1600	-
	B0921	Contact touch wall-mounted thermostat kit	○	-		B0882	Air intake grille with airfoil profile	1100/1400	-
ELECTRIC	B1130	Wireless kit	○	○		B0883	Air intake grille with airfoil profile	1600	-
	B0633	LH-RH connection rotation extension kit	○	-		B0888	Intake kit	1100/1400	-
HYDRAULICS	B0832	2-way valve group kit with 4-wire actuator	○	○		B0889	Intake kit	1600	-
	B0834	3-way valve group kit with 4-wire actuator	○	○		B0890	Telescopic top delivery plenum	1100/1400	-
	B0205	Manual 2-way valve group kit	○	○	B0891	Telescopic top delivery plenum	1600	-	
	B0204	Manual 2-way valve insulation kit	○	○	B0892	Insulated 90° delivery plenum	1100/1400	-	
	B0200	Adapter connection kit for 1/2" gas thread	○	○	B0893	Insulated 90° delivery plenum	1600	-	
	B0201	Adapter connection kit for 3/4" gas thread	○	○					
	B0203	Eurokonus 90° bending connection kit	○	○					

- Standard accessory; ○ Optional accessory; - Incompatible accessory

When compatibility is only possible with certain sizes or models, the information is given in the table. Accessory description available at end of chapter.

### TECHNICAL DATA

		1100			1400			1600					
SLI DC		02363			02056			02057					
SLIR DC		02364			02071			02072					
Fan speed		Low	Medium	High	Low	Medium	High	Low	Medium	High			
SLI ONLY	Total power output in cooling mode	a27/19 - w7/12 (a)	(E)	kW	2,43	3,24	3,85	3,05	3,78	4,45	3,28	4,09	4,85
	Sensitive power output in cooling mode	a27/19 - w7/12 (a)	(E)	kW	1,78	2,41	2,93	2,14	2,69	3,2	2,3	2,9	3,5
	Fluid flow rate	a27/19 - w7/12 (a)	(E)	l/h	417,4	557,3	664,2	525,6	652,4	769,9	565,2	706	839,2
	Water side head loss	a27/19 - w7/12 (a)	(E)	kPa	13,9	23,7	32,6	19	27,8	37,2	20,9	30,8	41
	Total power output in heating mode	a20/15 - w50/40 (b)	(E)	kW	2,88	4,06	4,8	3,61	4,53	5,5	3,85	4,87	5,9
	Fluid flow rate	a20/15 - w50/40 (b)	(E)	l/h	417,4	557,3	664,2	525,6	652,4	769,9	565,2	706	839,2
	Water side head loss	a20/15 - w50/40 (b)	(E)	kPa	12,3	21,1	29,1	16,2	23,7	31,7	19,4	28,6	35,7
	Total power output in heating mode	a20/15 - w45/40 (c)	(E)	kW	2,6	3,4	4,11	3,07	3,87	4,7	3,28	4,16	5,05
	Fluid flow rate	a20/15 - w45/40 (c)	(E)	l/h	449	590	712	527,1	663,4	803,9	563,1	713	863,6
	Water side head loss	a20/15 - w45/40 (c)	(E)	kPa	14,3	23,5	33,3	17,1	25,8	35,5	20,2	30,8	38,8
Absorbed power		(E)	W	6	13	26	6	13	26	10	15	29	
Sound Power Lw (A)		(E)	dB(A)	39	46	50	38	49	54	42	50	55	
Sound pressure Lp (A)		(d)	dB(A)	30	41	46	30	41	46	31	42	47	
Air flow rate		(f)	m3/h	460	610	765	460	610	765	490	655	820	
Battery water content			l	1,94			2,33			2,5			
Maximum operating pressure			bar	10			10			10			
Hydraulic fittings			inch	Eurocono 3/4			Eurocono 3/4			Eurocono 3/4			
Electrical power supply			V/ph/Hz	230/1/50			230/1/50			230/1/50			
Max static heating efficiency (50°C)			kW	0,45			0,45			0,5			
Max static heating efficiency (70°C)			kW	0,8			0,8			0,9			
Water content of the radiant panel			l	0,57			0,57			0,57			

The above services refer to the following operating conditions:

(a) Cooling mode at standard conditions: air temperature 27°C b.s. 19°C b.u., water inlet temperature 7°C, water outlet temperature 12°C

(b) Heating mode conditions of use 1: air temperature 20°C b.s., 15°C b.u. max, water inlet temperature 50°C, water flow equal to the cooling water standard condition

(c) Heating mode standard conditions: air temperature 20°C b.s., 15°C b.u. max, water inlet temperature 45°C, water outlet temperature 40°C

(d) Sound pressure level valid for closed rooms with a volume of 100 m3 with a reverberation time of 0.5 s and installation on the floor/ceiling, sound emission on 1/4 sphere at 3 m distance

(E) Eurovent certified data

(f) Air flow rate measured with clean filters

FAN COIL UNITS

# BI2 CASSETTE



Size	<b>520, 620, 720</b>
Type	<b>ceiling recess</b>
Design	<b>standard</b>



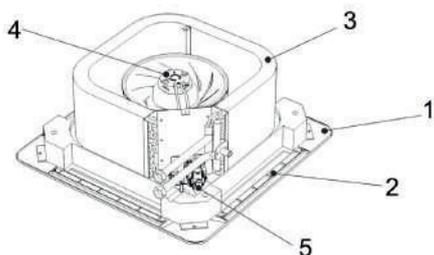
## High power, small size

Ideal for new buildings, as well as for light refurbishments, hydronic ceiling-mounted fan coil convectors deliver high output in both cooling and heating mode, while eliminating the floor footprint of the terminals for comfort and promoting maximum architectural integration.



- Cooling**
- Heating**
- Dehumidification**
- Ventilation**

## LAYOUT



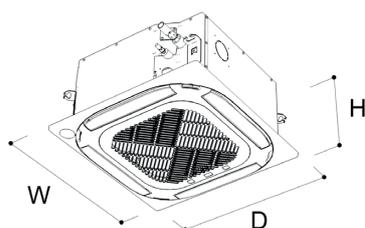
1. Decorative panel with air intake grille
2. Manual air delivery flap
3. Heat exchanger battery
4. Fan with Brushless DC motors
5. Standard condensate drain pump

## INSTALLATION



Ceiling recessed

## DIMENSIONS AND WEIGHT



		520	620	720
W	mm	630	630	630
H	mm	250	250	250
D	mm	630	630	630
WEIGHT	kg	19,4	19,4	20,2

## COMPATIBLE ACCESSORIES

AF-STHE-TILES	B1227	Decorative panel	NEW	▼
CON-TROLS	B1135	Wall thermostat kit		○
	B1136	Wall-mounted Wi-Fi touch thermostat kit		○

HYDRAULICS	B1229	4-wire 3-way valve kit	NEW	○
	B1230	4-wire 2-way valve kit	NEW	○
	B1228	Additional condensate collection tray kit	NEW	○
ELECTRIC	B1137	Water temperature probe		○

▼ Necessary Accessory ○ Optional accessory; - Incompatible accessory

When compatibility is only possible with certain sizes or models, the information is given in the table. Accessory description available at end of chapter.

## TECHNICAL DATA

CST DC	520			620			720					
	02646			02647			02648					
Fan speed	Low			Medium			High					
Total power output in cooling mode	a27/19 - w7/12 (a)	(E)	kW	2,06	3,41	4,32	2,61	4,31	5,47	3,05	5,12	6,53
Sensitive power output in cooling mode	a27/19 - w7/12 (a)	(E)	kW	1,53	2,6	3,35	1,96	3,35	4,31	2,17	3,73	4,81
Fluid flow rate	a27/19 - w7/12 (a)		l/h	355	589	747	450	745	946	527	886	1132
Water side head loss	a27/19 - w7/12 (a)	(E)	kPa	6,4	15,5	23,6	8,2	19,9	30,3	12,6	31,6	48,5
Total power output in heating mode	a20/15 - w50/- (b)	(E)	kW	2,62	4,46	5,73	3,35	5,70	7,34	3,44	5,90	7,61
Fluid flow rate	a20/15 - w50/- (b)		l/h	356	591	754	450	746	952	526	885	1134
Water side head loss	a20/15 - w50/- (b)	(E)	kPa	6,1	15,0	23,2	7,7	19,2	29,7	10,3	26,0	40,6
Total power output in heating mode	a20/15 - w45/40 (c)	(E)	kW	2,2	3,75	4,82	2,81	4,8	6,18	2,85	4,89	6,31
Fluid flow rate	a20/15 - w45/40 (c)		l/h	377	642	825	482	822	1058	488	836	1077
Water side head loss	a20/15 - w45/40 (c)	(E)	kPa	6,9	17,7	27,6	9	23,3	36,4	9,3	24,1	37,9
Absorbed power		(E)	W	7	27	65	7	27	65	7	27	65
Sound Power Lw (A)		(E)	dB(A)	43	59	65	43	59	65	43	59	65
Sound pressure Lp (A)		(d)	dB(A)	34	50	56	34	50	56	34	50	56
Air flow rate		(f)	m <sup>3</sup> /h	396	743	1000	440	825	1110	431	792	1055
Battery water content			l	0,95			1,5			2,1		
Maximum operating pressure			bar	15			15			15		
Hydraulic fittings			inch	3/4" F			3/4" F			3/4" F		
Electrical power supply			V/ph/Hz	230/1/50			230/1/50			230/1/50		

The above performance refers to the following operating conditions:

- (a) Cooling mode in standard conditions: air temperature 27°C DB 19°C WB, water inlet temperature 7°C, water outlet temperature 12°C  
 (b) Heating mode conditions of use 1: air temperature 20°C DB, 15°C WB max, water inlet temperature 50°C, water flow rate equal to the cooling water standard condition  
 (c) Heating mode standard conditions: air temperature 20°C DB, 15°C WB max, water inlet temperature 45°C, water outlet temperature 40°C

(d) Sound pressure level applicable to indoor environments with a volume of 100 m<sup>3</sup>, a reverberation time of 0.5 s and wall-mounted installation, with sound emission over a half-sphere at a distance of 3 metres

(E) Eurovent certified data

(f) Air flow rate measured with clean filters

FAN COIL UNITS

# BI2 DUCTED



Size	<b>220, 320, 420, 520, 620, 720, 820, 1020, 1120, 1220</b>
Type	<b>ductable recessed</b>
Design	<b>slim</b>



## Reversible installation

Available with front or rear air intake, it can be installed both vertically and horizontally (for both versions). Its particularly reduced dimensions (height of only 21.5 cm) simplify positioning in the space of a suspended-ceiling.

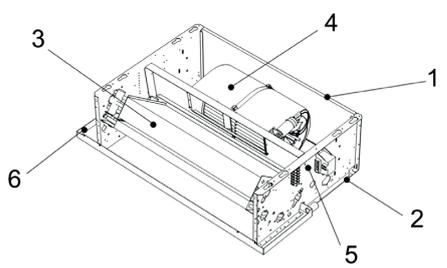
## High prevalence

Thanks to its high available static pressure (up to 90 Pa), the unit is suitable for all ducted air conditioning requirements in residential, commercial and tertiary environments.



- Cooling**
- Heating**
- Dehumidification**
- Ventilation**

## LAYOUT



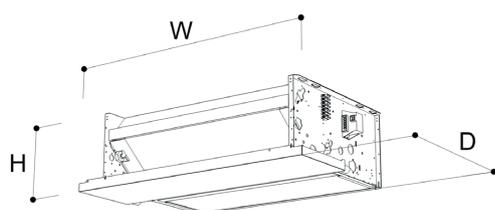
1. Anti-intrusion air intake grille with removable filters (Version B)
2. Anti-intrusion air intake grille with removable filters (Version F)
3. Heat exchanger battery
4. Centrifugal fan
5. Brushless DC electric motor
6. Condensate trap

## INSTALLATION



Recessed in false ceiling, with grids (SLI versions only).

## DIMENSIONS AND WEIGHT



		220	320	420	520	620	720	820	1020	1120	1220
W	mm	545	745	745	945	945	1145	1145	1345	1545	1545
H	mm	215	215	215	215	215	215	215	215	215	215
D	mm	450	450	450	450	450	450	450	450	450	450
WEIGHT	kg	<b>B 11.5</b>	<b>B 14.3</b>	<b>B 15.1</b>	<b>B 20.6</b>	<b>B 21.6</b>	<b>B 23.5</b>	<b>B 25.0</b>	<b>B 28.1</b>	<b>B 30.1</b>	<b>B 33.6</b>
		<b>F 11.4</b>	<b>F 14.2</b>	<b>F 15.0</b>	<b>F 20.5</b>	<b>F 21.5</b>	<b>F 23.3</b>	<b>F 24.8</b>	<b>F 27.9</b>	<b>F 29.9</b>	<b>F 33.4</b>

## COMPATIBLE ACCESSORIES

Category	Code	Description	Compatibility
CONTROLS	B1135	Wall thermostat kit	○
	B1136	Wall-mounted Wi-Fi touch thermostat kit	○
ELECTRIC	B1137	Water temperature probe	○
	B1146	Integration electric heating element	220
	B1147	Integration electric heating element	320/420
	B1148	Integration electric heating element	520/620
	B1149	Integration electric heating element	720/820
	B1150	Integration electric heating element	1020
	B1151	Integration electric heating element	1120/1220
	CONDENSATION	B1142	Condensate pump kit for vertical installation
B1143		Condensate pump kit for horizontal installation	○
HYDRAULICS	B1140	4-wire 2-way valve kit for horizontal installation	○
	B1141	4-wire 2-way valve kit for vertical installation	○
	B1138	4-wire 3-way valve kit for horizontal installation	○
	B1139	4-wire 3-way valve kit for vertical installation	○
	B1145	Additional condensate pan kit, horizontal version	○
	B1144	Additional condensate pan kit, vertical version	○
DUCTING	B1152	Insulated air delivery plenum kit with 1 circular connection	220
	B1153	Insulated air delivery plenum kit with 2 circular connections	320/420
	B1154	Insulated air delivery plenum kit with 2 circular connections	520/620
	B1155	Insulated air delivery plenum kit with 3 circular connections	720/820
	B1156	Insulated air delivery plenum kit with 4 circular connections	1020
	B1157	Insulated air delivery plenum kit with 4 circular connections	1120/1220
	B1158	Air extraction plenum kit with 1 circular connection	220
	B1159	Air extraction plenum kit with 2 circular connections	320/420
	B1160	Air extraction plenum kit with 2 circular connections	520/620
	B1161	Air extraction plenum kit with 3 circular connections	720/820
	B1162	Air extraction plenum kit with 4 circular connections	1020
	B1163	Air extraction plenum kit with 4 circular connections	1120/1220
	B1164	Straight insulated air delivery plenum kit	220
	B1165	Straight insulated air delivery plenum kit	320/420
	B1166	Straight insulated air delivery plenum kit	520/620
	B1167	Straight insulated air delivery plenum kit	720/820
	B1168	Straight insulated air delivery plenum kit	1020
	B1169	Straight insulated air delivery plenum kit	1120/1220
	B1170	Straight air extraction plenum kit	220
	DUCTING	B1171	Straight air extraction plenum kit
B1172		Straight air extraction plenum kit	520/620
B1173		Straight air extraction plenum kit	720/820
B1174		Straight air extraction plenum kit	1020
B1175		Straight air extraction plenum kit	1120/1220
B1176		90° insulated air delivery plenum kit	220
B1177		90° insulated air delivery plenum kit	320/420
B1178		90° insulated air delivery plenum kit	520/620
B1179		90° insulated air delivery plenum kit	720/820
B1180		90° insulated air delivery plenum kit	1020
B1181		90° insulated air delivery plenum kit	1120/1220
B1182		90° air extraction plenum kit	220
B1183		90° air extraction plenum kit	320/420
B1184		90° air extraction plenum kit	520/620
B1185		90° air extraction plenum kit	720/820
B1186		90° air extraction plenum kit	1020
B1187		90° air extraction plenum kit	1120/1220
B1188		Telescopic extension kit 0-100 mm	220
B1189		Telescopic extension kit 0-100 mm	320/420
B1190		Telescopic extension kit 0-100 mm	520/620
B1191		Telescopic extension kit 0-100 mm	720/820
B1192		Telescopic extension kit 0-100 mm	1020
B1193		Telescopic extension kit 0-100 mm	1120/1220
B1194		Delivery grille kit	220
B1195		Delivery grille kit	320/420
B1196	Delivery grille kit	520/620	
B1197	Delivery grille kit	720/820	
B1198	Delivery grille kit	1020	
B1199	Delivery grille kit	1120/1220	
B1200	Extraction grille kit	220	
B1201	Extraction grille kit	320/420	
B1202	Extraction grille kit	520/620	
B1203	Extraction grille kit	720/820	
B1204	Extraction grille kit	1020	
B1205	Extraction grille kit	1120/1220	

● Standard accessory; ○ Optional accessory; - Incompatible accessory

When compatibility is only possible with certain sizes or models, the information is given in the table. Accessory description available at end of chapter.

TECHNICAL DATA						220			320			420			520			620		
DCT DC P F (front)						02546			02547			02548			02549			02550		
DCT DC P B (rear)						02536			02537			02538			02539			02540		
Fan speed						Low	Medium	High												
Total power output in cooling mode	a27/19 - w7/12	(a)	(E)	kW		1,37	1,5	1,58	1,65	1,74	1,84	1,93	2,05	2,17	2,75	2,98	3,12	3,08	3,34	3,52
Sensitive power output in cooling mode	a27/19 - w7/12	(a)	(E)	kW		1,11	1,21	1,28	1,39	1,47	1,56	1,54	1,64	1,74	2,18	2,37	2,49	2,39	2,6	2,75
Fluid flow rate	a27/19 - w7/12	(a)		l/h		242	264	280	289	306	325	338	361	383	485	527	552	541	589	621
Water side head loss	a27/19 - w7/12	(a)	(E)	kPa		7,1	8,3	9,1	3,7	4,0	4,5	11,9	13,3	14,6	9,3	10,7	11,7	10,0	11,5	12,6
Total power output in heating mode	a20/15 - w50/-	(b)	(E)	kW		1,79	1,96	2,08	2,5	2,64	2,81	2,76	2,94	3,12	3,91	4,26	4,47	4,31	4,69	4,96
Fluid flow rate	a20/15 - w50/-	(b)		l/h		242	264	280	289	306	325	338	361	383	485	527	552	541	589	621
Water side head loss	a20/15 - w50/-	(b)	(E)	kPa		6,4	7,6	8,4	3,3	3,7	4,1	10,6	11,9	13,3	8,5	9,9	10,7	9	10,5	11,5
Total power output in heating mode	a20/15 - w45/40	(c)	(E)	kW		1,5	1,64	1,74	2,13	2,26	2,4	2,34	2,49	2,64	3,31	3,6	3,78	3,64	3,96	4,19
Fluid flow rate	a20/15 - w45/40	(c)		l/h		253	276	291	362	381	403	396	421	445	558	605	635	615	666	705
Water side head loss	a20/15 - w45/40	(c)	(E)	kPa		7	8,2	9	4,9	5,4	6	14	15,6	17,3	10,9	12,6	13,8	11,2	13	14,4
Absorbed power			(E)	W		31	38	47	33	43	54	33	43	54	67	87	90	67	87	90
Sound power output in delivery Lw (A)			(E)	dB(A)		55	57	59	56	59	60	56	59	60	59	61	62	59	61	62
Sound pressure taken in + radiated Lw (A)			(E)			56	58	60	57	60	61	57	60	61	60	62	63	60	62	63
Sound pressure Lp (A)		(d)		dB(A)		46	48	50	47	50	51	47	50	51	50	52	53	50	52	53
Sound pressure taken in + radiated Lp (A)						47	49	51	48	51	52	48	51	52	51	53	54	51	53	54
Air flow rate		(f)	(E)	m3/h		280	310	330	323	345	370	340	365	390	530	585	620	560	615	655
Useful air head			(E)	Pa		41	50	57	43	50	57	43	50	57	41	50	56	41	50	56
Battery water content				l				0,7			1			1			1,3			1,3
Hydraulic fittings				inch				1/2" G F												
Electrical power supply				V/ph/Hz				230/1/50			230/1/50			230/1/50			230/1/50			230/1/50

The above services refer to the following operating conditions:

- (a) Cooling mode under standard conditions: air temperature 27°C dry bulb, 19°C wet bulb, water inlet temperature 7°C, water outlet temperature 12°C; reference static pressure 50 Pa.
- (b) Heating mode operating conditions 1: air temperature 20 °C dry bulb, 15 °C wet bulb max, water inlet temperature 50 °C, water flow rate equal to that of standard cooling conditions; reference static pressure 50 Pa.
- (c) Heating mode under standard conditions: air temperature 20 °C dry bulb, 15

°C wet bulb max, water inlet temperature 45 °C, water outlet temperature 40 °C; reference static pressure 50 Pa.

- (d) Sound pressure level valid for closed rooms with a volume of 100 m3 with a reverberation time of 0.5 s and installation on the floor/ceiling, sound emission on 1/2 sphere at 3 m distance
- (E) Eurovent certified data
- (f) Air flow rate measured with clean filters

TECHNICAL DATA						720			820			1020			1120			1220		
DCT DC P F (front)						02551			02552			02553			02554			02555		
DCT DC P B (rear)						02541			02542			02543			02544			02545		
Fan speed						Low	Medium	High												
Total power output in cooling mode	a27/19 - w7/12	(a)	(E)	kW		3,54	3,8	3,97	3,97	4,26	4,48	4,68	5	5,29	5,75	6,13	6,46	6,59	7	7,41
Sensitive power output in cooling mode	a27/19 - w7/12	(a)	(E)	kW		2,91	3,14	3,29	3,15	3,4	3,58	3,6	3,86	4,1	4,8	5,14	5,43	5,25	5,6	5,94
Fluid flow rate	a27/19 - w7/12	(a)		l/h		620	669	699	695	749	787	817	875	925	1010	1079	1141	1155	1230	1304
Water side head loss	a27/19 - w7/12	(a)	(E)	kPa		13,7	15,5	16,8	12,4	14,1	15,4	19,1	21,5	23,8	19,4	21,7	23,9	14,6	16,5	18,0
Total power output in heating mode	a20/15 - w50/-	(b)	(E)	kW		4,86	5,25	5,5	5,4	5,83	6,14	6,36	6,81	7,23	8,03	8,6	9,1	8,65	9,22	9,78
Fluid flow rate	a20/15 - w50/-	(b)		l/h		620	669	699	695	749	787	817	875	925	1010	1079	1141	1155	1230	1304
Water side head loss	a20/15 - w50/-	(b)	(E)	kPa		12,2	14,1	15,2	11	12,7	13,9	16,9	19,1	21,1	17,4	19,7	21,8	13,1	14,6	16,3
Total power output in heating mode	a20/15 - w45/40	(c)	(E)	kW		4,1	4,43	4,64	4,55	4,91	5,17	5,36	5,74	6,09	6,79	7,26	7,69	7,26	7,73	8,2
Fluid flow rate	a20/15 - w45/40	(c)		l/h		694	746	782	771	829	874	909	972	1033	1146	1224	1292	1227	1304	1382
Water side head loss	a20/15 - w45/40	(c)	(E)	kPa		14,9	17,1	18,6	13,3	15,2	16,7	20,4	23,1	25,6	21,8	24,6	27,2	14,5	16,2	18
Absorbed power			(E)	W		70	91	94	70	91	94	75	-	90	124	149	172	124	149	172
Sound power output in delivery Lw (A)			(E)	dB(A)		60	61	62	60	61	62	60	61	62	61	62	64	61	62	64
Sound pressure taken in + radiated Lw (A)			(E)			61	62	63	61	62	63	61	62	63	62	63	65	62	63	65
Sound pressure Lp (A)		(d)		dB(A)		51	52	53	51	52	53	51	52	53	52	53	55	52	53	55
Sound pressure taken in + radiated Lp (A)						52	53	54	52	53	54	52	53	54	53	54	56	53	54	56
Air flow rate		(f)	(E)	m3/h		640	700	740	680	740	785	740	800	855	1140	1235	1320	1220	1310	1400
Useful air head			(E)	Pa		42	50	56	42	50	56	42	50	57	43	50	57	43	50	57
Battery water content				l				1,6			1,6			1,9			2,2			2,2
Hydraulic fittings				inch				1/2" G F												
Electrical power supply				V/ph/Hz				230/1/50			230/1/50			230/1/50			230/1/50			230/1/50

The above services refer to the following operating conditions:

- (a) Cooling mode under standard conditions: air temperature 27°C dry bulb, 19°C wet bulb, water inlet temperature 7°C, water outlet temperature 12°C; reference static pressure 50 Pa.
- (b) Heating mode operating conditions 1: air temperature 20 °C dry bulb, 15 °C wet bulb max, water inlet temperature 50 °C, water flow rate equal to that of standard cooling conditions; reference static pressure 50 Pa.
- (c) Heating mode under standard conditions: air temperature 20 °C dry bulb, 15

°C wet bulb max, water inlet temperature 45 °C, water outlet temperature 40 °C; reference static pressure 50 Pa.

- (d) Sound pressure level valid for closed rooms with a volume of 100 m3 with a reverberation time of 0.5 s and installation on the floor/ceiling, sound emission on 1/2 sphere at 3 m distance
- (E) Eurovent certified data
- (f) Air flow rate measured with clean filters



UNICO

NEXVA

SHERPA

BIZ

SITALI

SIOS CONTROL

DOLCECLIMA

AQUARIA

# Accessories

## Controls

<b>INDRZ</b>	<p><b>Addressing of the Modbus control kit</b></p> <p>Addressing of TR commands and B0872 commands required in case of management via Modbus connection with SiOS Control, Bticino MyHome and any other home automation/BMS system that communicates in Modbus. Carried out on site by the installer.</p>	
<b>B0872</b>	<p><b>On-board autonomous flat touch control kit</b></p> <p>Backlit display with desired temperature display, real-touch buttons, operation mode and ventilation speed selection. Control with adjustable room thermostat, operation mode (ventilation, summer, winter, automatic) and ventilation program (quiet, auto, maximum, night); minimum water probe function. Has an input for presence sensor contact connection of 2 230VAC outputs for solenoid valve control. Through the user interface it is possible to add a correction on the read room temperature. Remote control included. Remoted by key combination for connection with Modbus RS485 ASCII or RTU protocol. <b>Possible combination with B0736 control, MyHome by Bticino and SiOS Control. RAL 9003 color.</b></p>	
<b>B0873</b>	<p><b>Electronic contacts/0-10V remote control kit</b></p> <p>Electronic interface card for management and control via 0-10V analog input or contacts (for radiant fan coil units use the contact mode and check that the management system interfaced to the B0756 card supports the control logic of Olimpia Splendid radiant technology). It has a 230VAC output for control of a solenoid valve and a water probe inlet with the function of a minimum probe (for both modes of remote control). <b>Can be combined with B0921 contact touch wall-mounted thermostat kit (not for radiant fan coil units) or with third party home automation/BMS systems that can be interfaced to contacts or via 0-10V signal. Colour RAL 9003.</b></p>	
<b>B1236</b>	<p><b>Wireless programmable thermostat</b></p> <p>Wireless wall-mounted chronothermostat compatible with TR or B0872 controls. Black and white display, wireless installation to terminal. Control via OS Smart System app. <b>Mandatory pairing with S1 wireless kit B1237.</b></p>	
<b>B1237</b>	<p><b>S1 wireless kit</b></p> <p>Installed on the electronics of Bi2 terminals with TR or B0872 control, it allows them to be driven with the OS Smart System application. The kit is provided for on-site installation. <b>A kit should be provided for each terminal you want to control with the B1236 wireless chronothermostat.</b></p>	
<b>B1130</b>	<p><b>Wireless kit</b></p> <p>Installed on the electronics of Bi2 terminals with TR or B0872 control, it allows them to be driven with the OS Smart System application. The kit is provided for on-site installation. To be provided one kit for each terminal you want to control with the application (in the case of Bi2 Naked one kit for each B0736).</p>	
<b>B0736</b>	<p><b>Modbus wall-mounted programmable thermostat kit</b></p> <p>For MODBUS, RS485 connection. Possibility of controlling up to 30 units. Selection of desired temperature, operation mode, fan speed, manual mode/chronothermostat. Room probe inserted into the control. Backlit LCD display. Presence contact input. The control is equipped with a 230V/12 VAC double-insulated power transformer and a backup battery. Wall installation with hole spacing compatible with standard 503 recessed box. <b>Possible pairing with TR, B0872, SiOS Control and B1130 kit controls for using OS Smart System app.</b></p>	
<b>B0921</b>	<p><b>Contact touch wall-mounted thermostat kit</b></p> <p>Digital thermostat with room probe, backlit display and touch buttons. Semi-recessed installation (15 mm coming out of the wall) in boxes with screw spacing 60 mm round or square. Room temperature display, desired room temperature setting from 5°C to 35°C, “cooling” or “heating” mode setting, fan speed setting (Min/Med/Max). 230V AC power supply, has a solenoid valve output and a water temperature probe input. <b>Possible combination with boards for remote control AR and B0873.</b></p>	
<b>B1135</b>	<p><b>Wall thermostat kit</b></p> <p>Wall thermostat kit. Desired temperature selection, operating mode, ventilation speed. Ambient probe inserted in the control. LCD display. Wall mounting with hole interaxis compatible with standard 503 formwork box. For 0-10 V connection. Outputs: 1 EC~230V 0-10Vdc motor, 1 ON/OFF valve, 1 heating element, 1 minimum probe for water temperature control.</p>	

## Controls

<b>B1136</b>	<p><b>Wall-mounted Wi-Fi touch thermostat kit</b>          Wi-Fi wall thermostat kit. Selection of desired temperature, operating mode, ventilation speed, weekly timed thermostat mode configurable from dedicated app. Ambient probe inserted in the control. LCD display. Wall mounting with hole interaxis compatible with standard 503 formwork box. For 0-10 V connection. Outputs: 1 EC-230V 0-10Vdc motor, 1 ON/OFF valve, 1 heating element, 1 minimum probe for water temperature control.</p>	
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## Electrical kits

<b>B0633</b>	<p><b>LH-RH connection rotation extension kit</b>          Electrical connection cable of the power supply and motor sensor for the installation of fan coil units in which the position of the hydraulic connection is rotated from left to right.</p>	
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<b>B0839</b>	<p><b>LH-RH connection rotation extension kit</b>          Electrical connection cable of the power supply and motor sensor for the installations in which the position of the hydraulic connection is rotated from left to right.</p>	
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<b>B1146</b>	<p><b>Integration electric heating element</b>          1000W integration electric heating element kit for 230/1/50 (V/ph/Hz), factory-settable on request for size 220 ducted hydronic terminals.</p>	
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<b>B1147</b>	<p><b>Integration electric heating element</b>          1500W integration electric heating element kit for 230/1/50 (V/ph/Hz), factory-settable on request for size 320/420 ducted hydronic terminals</p>	
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<b>B1148</b>	<p><b>Integration electric heating element</b>          2000W integration electric heating element kit for 230/1/50 (V/ph/Hz), factory-settable on request for size 520/620 ducted hydronic terminals.</p>	
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<b>B1149</b>	<p><b>Integration electric heating element</b>          3000W integration electric heating element kit for 230/1/50 (V/ph/Hz), factory-settable on request for size 720/820 ducted hydronic terminals.</p>	
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<b>B1150</b>	<p><b>Integration electric heating element</b>          3000W integration electric heating element kit for 230/1/50 (V/ph/Hz), factory-settable on request for size 1020 ducted hydronic terminals.</p>	
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<b>B1151</b>	<p><b>Integration electric heating element</b>          3000W integration electric heating element kit for 230/1/50 (V/ph/Hz), factory-settable on request for size 1120/1220 ducted hydronic terminals.</p>	
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# Accessories

## Electrical kits

**B1137**

### Water temperature probe

Water temperature probe kit for activating ventilation only when the desired water temperature is reached



## Condensation drain kit

**B0983**

### Condensate pump kit

The optional kit for condensation pump allows solving the drain problem even where the slopes do not allow a natural discharge of the water (see details in the installation manual).



**B1142**

### Condensate pump kit for vertical installation

The optional kit for condensation pump allows solving the drain problem even where the slopes do not allow a natural discharge of the water. The kit comes with an additional condensate drip tray for vertical installation.



**B1143**

### Condensate pump kit for horizontal installation

The optional kit for condensation pump allows solving the drain problem even where the slopes do not allow a natural discharge of the water.



## Hydraulics kit

**B0832**

### 2-way valve group kit with 4-wire actuator

It consists of a valve (with thermoelectric actuator and limit switch) and a lockshield. The former allows the control of the thermal emission of the fan coil unit by intercepting the passage of the water; the lockshield allows the balancing of the load losses of the system. This kit becomes mandatory in the SLR version except in the case where a 3-way valve kit is used or if there is a manifold with thermoelectric heads. Please note: for all terminal models, if wall-mounted thermostats are not used, the installation of 2- or 3-way valves is recommended for optimal cooling operation and for the on/off of a secondary circulator or heat generator.



**B0834**

### 3-way valve group kit with 4-wire actuator

It consists of a three-way valve switch (with thermoelectric actuator and limit switch) and a lockshield. The former allows the control of the thermal emission of the fan coil unit by intercepting the passage of the water; the lockshield allows the balancing of the load losses of the system; the by-pass maintains the circulation of the water in the system. This kit is an alternative to the 2-way solenoid valve kit (mandatory in the SLR version).

Please note: for all terminal models, if wall-mounted thermostats are not used, the installation of 2- or 3-way valves is recommended for optimum cooling operation and for the on/off of a secondary circulator or heat generator.



**B0205**

### Manual 2-way valve group kit

It consists of a valve and a lockshield, the former allows the fan coil to be excluded from the system manually, while the lockshield allows the balancing of the system load losses. Permitted if solenoid valves on the manifold are managed by the Bi2 control kit.



## Hydraulics kit

**B0204**

### Manual 2-way valve insulation kit

Prevents condensation during the cooling operation (already included in the thermoelectric hydraulic kits).



**B0200**

### Adapter connection kit for 1/2" gas thread

It allows the conversion of the 3/4" Eurokonus connection of the Bi2 into a standard 1/2" gas thread connection.



**B0201**

### Adapter connection kit for 3/4" gas thread

It allows the conversion of the 3/4" Eurokonus connection of the Bi2 into a standard 3/4" gas thread connection.



**B0203**

### Eurokonus 90° bending connection kit

Facilitates connection in case of hydraulic connections with wall-mounted pipes.



**B1140**

### 4-wire 2-way valve kit for horizontal installation

Consisting of a 2-way valve with thermoelectric actuator. The valve allows control of the thermal emission of the terminal by intercepting the passage of water. This kit is supplied as standard with the additional horizontal tray for collecting condensation.



**B1141**

### 4-wire 2-way valve kit for vertical installation

Consists of a 2-way valve with thermoelectric actuator and end-of-stroke microswitch. The valve allows control of the thermal emission of the terminal by intercepting the passage of water. This kit is supplied as standard with the additional vertical tray for collecting condensation.



**B1138**

### 4-wire 3-way valve kit for horizontal installation

Consists of a 3-way valve with thermoelectric actuator and end-of-stroke microswitch. The valve allows control of the thermal emission of the terminal by intercepting the passage of water. This kit is supplied as standard with the additional horizontal tray for collecting condensation.



**B1139**

### 4-wire 3-way valve kit for vertical installation

Consists of a 3-way valve with thermoelectric actuator and end-of-stroke microswitch. The valve allows control of the thermal emission of the terminal by intercepting the passage of water. This kit is supplied as standard with the additional vertical tray for collecting condensation.



**B1230**

### 4-wire 2-way valve kit

Consists of a 2-way valve with thermoelectric actuator and end-of-stroke microswitch. The valve controls the thermal emission of the terminal by intercepting the passage of water.



NEW

**B1229**

### 4-wire 3-way valve kit

Consists of a 3-way valve with thermoelectric actuator and end-of-stroke microswitch. The valve controls the thermal emission of the terminal by intercepting the passage of water.



NEW

# Accessories

## Hydraulics kit

**B1145** **Additional condensate pan kit, horizontal version**  
 Auxiliary condensation collection tray suitable for horizontal installations. (Supplied as standard with the B1140 and B1138 kits)



**B1144** **Additional condensate pan kit, vertical version**  
 Auxiliary condensation collection tray suitable for vertical installations. (Supplied as standard with the B1141 and B1139 kits)



**B1228** **Additional condensate collection tray kit**  
 Auxiliary condensation trap suitable for vertical installations.



## Aesthetic kits

**B0852** **Floor mounting bracket kit**  
 Kit for support brackets and floor mounting of the fan coil unit (glass front applications or on non-load-bearing walls). It also has the function of aesthetic kit (white colour RAL 9003) and is therefore not compatible with the aesthetic kit of feet for covering.



**B0938** **Floor mounting bracket kit**  
 Kit for support brackets and floor mounting of the fan coil unit (glass front applications or on non-load-bearing walls). It also has the function of aesthetic kit (white colour RAL 9003) and is therefore not compatible with the aesthetic kit of feet for covering.



**B0875** **Floor mounting bracket kit**  
 Kit for support brackets and floor mounting of the fan coil unit (glass front applications or on non-load-bearing walls). To be used in conjunction with the B0874 kit. Increases the fan coil unit depth by 17 mm (18 mm if with back panel)



**B0853** **Aesthetic kit feet for covering**  
 Kit of two decorative feet for Bi2 Air ultraslim terminals, to cover any pipes coming from the floor. Available in white RAL 9003.



**B0874** **Aesthetic kit feet for covering**  
 Kit of two decorative feet for Bi2 Air slim terminals, to cover any pipes coming from the floor. Available in white RAL 9003.



**B0937** **Aesthetic kit feet for covering**  
 Kit of two decorative feet for Bi2 Smart terminals, to cover any pipes coming from the floor. Available in white RAL 9003.



## Aesthetic kits

<b>B0982</b>	<p><b>Aesthetic ceiling feet kit</b> Aesthetic kit containing two feet for covering any pipes coming from the wall. Specially designed to maximise the space available for the pipes in the case of ceiling installation. Available in white RAL 9003.</p>	
<b>B0847</b>	<p><b>Back panel</b> In white painted sheet metal (RAL 9003), for glass-front applications of size 200 terminals.</p>	
<b>B0848</b>	<p><b>Back panel</b> In white painted sheet metal (RAL 9003), for glass-front applications of size 400 terminals.</p>	
<b>B0849</b>	<p><b>Back panel</b> In white painted sheet metal (RAL 9003), for glass-front applications of size 600 terminals.</p>	
<b>B0850</b>	<p><b>Back panel</b> In white painted sheet metal (RAL 9003), for glass-front applications of size 800 terminals.</p>	
<b>B0876</b>	<p><b>Back panel</b> In white painted sheet metal (RAL 9003), for glass-front applications of size 1100 and 1400 terminals.</p>	
<b>B0877</b>	<p><b>Back panel</b> In white painted sheet metal (RAL 9003), for glass-front applications of size 1600 terminals.</p>	
<b>B0520</b>	<p><b>Ceiling-mount kit (condensate trap)</b> Condensate collection tray kit for horizontal installation of size 200 terminals.</p>	
<b>B0521</b>	<p><b>Ceiling-mount kit (condensate trap)</b> Condensate collection tray kit for horizontal installation of size 400 terminals.</p>	
<b>B0522</b>	<p><b>Ceiling-mount kit (condensate trap)</b> Condensate collection tray kit for horizontal installation of size 600 terminals.</p>	

# Accessories

## Aesthetic kits

<b>B0523</b>	<b>Ceiling-mount kit (condensate trap)</b>	Condensate collection tray kit for horizontal installation of size 800 terminals.	
<b>B0878</b>	<b>Ceiling-mount kit (condensate trap)</b>	Condensate collection tray kit for horizontal installation of size 1100 and 1400 terminals.	
<b>B0879</b>	<b>Ceiling-mount kit (condensate trap)</b>	Condensate collection tray kit for horizontal installation of size 1600 terminals.	
<b>B1227</b>	<b>Decorative panel</b>	Decorative panel (mandatory with box hydronic terminals) equipped with slots for air exhaust and manually adjustable flaps.	 <b>NEW</b>

## Kit for recess with formwork

<b>B0568</b>	<b>Formwork for recessed installation</b>	Frame for vertical recessed installation of size 200 terminals (to be combined with the closing panel).	
<b>B0569</b>	<b>Formwork for recessed installation</b>	Frame for vertical recessed installation of size 400 terminals (to be combined with the closing panel).	
<b>B0570</b>	<b>Formwork for recessed installation</b>	Frame for vertical recessed installation of size 600 terminals (to be combined with the closing panel).	
<b>B0571</b>	<b>Formwork for recessed installation</b>	Frame for vertical recessed installation of size 800 terminals (to be combined with the closing panel).	
<b>B0894</b>	<b>Formwork for recessed installation</b>	Frame for vertical recessed installation of size 1100, 1400 and 1600 terminals (to be combined with the closing panel).	

## Kit for recess with formwork

<b>B0950</b>	<b>Radiant closing panel</b> Radiant recessed decorative closing panel for vertical installation of size 200 terminals (mandatory kit, to be combined with the formwork for recessed installation). Colour white RAL 9003.	
<b>B0951</b>	<b>Radiant closing panel</b> Radiant recessed decorative closing panel for vertical installation of size 400 terminals (mandatory kit, to be combined with the formwork for recessed installation). Colour white RAL 9003.	
<b>B0952</b>	<b>Radiant closing panel</b> Radiant recessed decorative closing panel for vertical installation of size 600 terminals (mandatory kit, to be combined with the formwork for recessed installation). Colour white RAL 9003.	
<b>B0953</b>	<b>Radiant closing panel</b> Radiant recessed decorative closing panel for vertical installation of size 800 terminals (mandatory kit, to be combined with the formwork for recessed installation). Colour white RAL 9003.	
<b>B0954</b>	<b>Radiant closing panel</b> Radiant recessed decorative closing panel for vertical installation of size 1100, 1400 and 1600 terminals (mandatory kit, to be combined with the formwork for recessed installation). Colour white RAL 9003.	
<b>B0955</b>	<b>Closing panel</b> Recessed decorative closing panel for vertical installation of size 200 terminals (to be combined with the formwork for recessed installation). Colour white RAL 9003.	
<b>B0956</b>	<b>Closing panel</b> Recessed decorative closing panel for vertical installation of size 400 terminals (to be combined with the formwork for recessed installation). Colour white RAL 9003.	
<b>B0957</b>	<b>Closing panel</b> Recessed decorative closing panel for vertical installation of size 600 terminals (to be combined with the formwork for recessed installation). Colour white RAL 9003.	
<b>B0958</b>	<b>Closing panel</b> Recessed decorative closing panel for vertical installation of size 800 terminals (to be combined with the formwork for recessed installation). Colour white RAL 9003.	
<b>B0959</b>	<b>Closing panel</b> Recessed decorative closing panel for vertical installation of size 1100, 1400 and 1600 terminals (to be combined with the formwork for recessed installation). Colour white RAL 9003.	

# Accessories

## Kit for recess without formwork

**B0550** **Air delivery grille with airfoil profile**  
Recess kit for size 200 terminals for false ceiling.



**B0551** **Air delivery grille with airfoil profile**  
Recess kit for size 400 terminals for false ceiling.



**B0552** **Air delivery grille with airfoil profile**  
Recess kit for size 600 terminals for false ceiling.



**B0553** **Air delivery grille with airfoil profile**  
Recess kit for size 800 terminals for false ceiling.



**B0880** **Air delivery grille with airfoil profile**  
Recess kit for size 1100 and 1400 terminals for false ceiling.



**B0881** **Air delivery grille with airfoil profile**  
Recess kit for size 1600 terminals for false ceiling.



**B0559** **Air intake grille with airfoil profile**  
Recess kit for size 200 terminals for false ceiling.



**B0560** **Air intake grille with airfoil profile**  
Recess kit for size 400 terminals for false ceiling.



**B0561** **Air intake grille with airfoil profile**  
Recess kit for size 600 terminals for false ceiling.



**B0562** **Air intake grille with airfoil profile**  
Recess kit for size 800 terminals for false ceiling.



## Kit for recess without formwork

**B0882**

### Air intake grille with airfoil profile

Recess kit for size 1100 and 1400 terminals for false ceiling.



**B0883**

### Air intake grille with airfoil profile

Recess kit for size 1600 terminals for false ceiling.



**B0194**

### Intake kit

Recess kit for size 200 terminals for false ceiling or plasterboard hatch. Not compatible with recessed frame. Channels the intake air from the intake grille to the fan coil.



**B0195**

### Intake kit

Recess kit for size 400 terminals for false ceiling or plasterboard hatch. Not compatible with recessed frame. Channels the intake air from the intake grille to the fan coil.



**B0196**

### Intake kit

Recess kit for size 600 terminals for false ceiling or plasterboard hatch. Not compatible with recessed frame. Channels the intake air from the intake grille to the fan coil.



**B0197**

### Intake kit

Recess kit for size 800 terminals for false ceiling or plasterboard hatch. Not compatible with recessed frame. Channels the intake air from the intake grille to the fan coil.



**B0888**

### Intake kit

Recess kit for size 1100 and 1400 terminals for false ceiling or plasterboard hatch. Not compatible with recessed frame. Channels the intake air from the intake grille to the fan coil.



**B0889**

### Intake kit

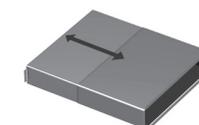
Recess kit for size 1600 terminals for false ceiling or plasterboard hatch. Not compatible with recessed frame. Channels the intake air from the intake grille to the fan coil.



**B0160**

### Telescopic top delivery plenum

Plenum for size 200 terminals. Not compatible with recessed frame. Channels the air from the fan coil to the delivery grille.



**B0161**

### Telescopic top delivery plenum

Plenum for size 400 terminals. Not compatible with recessed frame. Channels the air from the fan coil to the delivery grille.



# Accessories

## Kit for recess without formwork

**B0162**

**Telescopic top delivery plenum**

Plenum for size 600 terminals. Not compatible with recessed frame. Channels the air from the fan coil to the delivery grille.



**B0163**

**Telescopic top delivery plenum**

Plenum for size 800 terminals. Not compatible with recessed frame. Channels the air from the fan coil to the delivery grille.



**B0890**

**Telescopic top delivery plenum**

Plenum for size 1100 and 1400 terminals. Not compatible with recessed frame. Channels the air from the fan coil to the delivery grille.



**B0891**

**Telescopic top delivery plenum**

Plenum for size 1600 terminals. Not compatible with recessed frame. Channels the air from the fan coil to the delivery grille.



**B0165**

**Insulated 90° delivery plenum**

Plenum for size 200 terminals. Not compatible with recessed frame. Channels the air from the fan coil to the delivery grille.



**B0166**

**Insulated 90° delivery plenum**

Plenum for size 400 terminals. Not compatible with recessed frame. Channels the air from the fan coil to the delivery grille.



**B0167**

**Insulated 90° delivery plenum**

Plenum for size 600 terminals. Not compatible with recessed frame. Channels the air from the fan coil to the delivery grille.



**B0168**

**Insulated 90° delivery plenum**

Plenum for size 800 terminals. Not compatible with recessed frame. Channels the air from the fan coil to the delivery grille.



**B0892**

**Insulated 90° delivery plenum**

Plenum for size 1100 and 1400 terminals. Not compatible with recessed frame. Channels the air from the fan coil to the delivery grille.



**B0893**

**Insulated 90° delivery plenum**

Plenum for size 1600 terminals. Not compatible with recessed frame. Channels the air from the fan coil to the delivery grille.



## Ducting kit

- B1152** **Insulated air delivery plenum kit with 1 circular connection**  
Insulated air delivery plenum with 1 circular connection Ø 200/180/160 mm for size 220 terminals.



- B1153** **Insulated air delivery plenum kit with 2 circular connections**  
Insulated air delivery plenum with 1 circular connection Ø 200/180/160 mm for size 320 and 340 terminals.



## Guidelines on recessed installation



### Recessed wall-mounted, with closing panel

Possible for both fan coils (SLI versions) and fan radiators (SLIR versions).

Requires the following accessories:

- Recessed formwork (codes B0568, B0569, B0570, B0571, B0894);
- Closure panel, available in traditional (codes B0955, B0956, B0957, B0958, B0959) or radiant (codes B0950, B0951, B0952, B0953, B0954) versions.

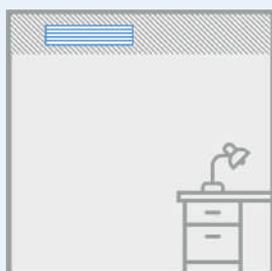


### Recessed wall-mounted, with grids

Only possible for fan coil units (SLI versions).

Requires the following accessories:

- Suction kit (codes B0194, B0195, B0196, B0197, B0888 and B0889);
- Insulated 90° supply plenum (codes B0165, B0166, B0167, B0168, B0892, B0893).
- Air supply grilles (codes B0550, B0551, B0552, B0553, B0880, B0881);
- Air intake grilles (codes B0559, B0560, B0561, B0562, B0882, B0883).
- Cover panel to be made on site.



### Recessed in false ceiling, with grids

Only possible for fan coil units (SLI versions).

Requires the following accessories:

- Suction kit (codes B0194, B0195, B0196, B0197, B0888 and B0889);
- Telescopic top supply plenum (codes B0160, B0161, B0162, B0163, B0890, B0891) or insulated 90° supply plenum (codes B0165, B0166, B0167, B0168, B0892, B0893);
- Air supply grilles (codes B0550, B0551, B0552, B0553, B0880, B0881);
- Air intake grilles (codes B0559, B0560, B0561, B0562, B0882, B0883).

# Accessories

## Ducting kit

<b>B1154</b>	<p><b>Insulated air delivery plenum kit with 2 circular connections</b>                  Insulated air delivery plenum with 1 circular connection Ø 200/180/160 mm for size 520 and 620 terminals.</p>	
<b>B1155</b>	<p><b>Insulated air delivery plenum kit with 3 circular connections</b>                  Insulated air delivery plenum with 1 circular connection Ø 200/180/160 mm for size 720 and 820 terminals.</p>	
<b>B1156</b>	<p><b>Insulated air delivery plenum kit with 4 circular connections</b>                  Insulated air delivery plenum with 1 circular connection Ø 200/180/160 mm for size 1020 terminals.</p>	
<b>B1157</b>	<p><b>Insulated air delivery plenum kit with 4 circular connections</b>                  Insulated air delivery plenum with 1 circular connection Ø 200/180/160 mm for size 1120 and 1220 terminals.</p>	
<b>B1158</b>	<p><b>Air extraction plenum kit with 1 circular connection</b>                  Uninsulated air intake plenum with 1 circular connection Ø 200/180/160 mm for size 220 terminals.</p>	
<b>B1159</b>	<p><b>Air extraction plenum kit with 2 circular connections</b>                  Uninsulated air intake plenum with 1 circular connection Ø 200/180/160 mm for size 320 and 420 terminals.</p>	
<b>B1160</b>	<p><b>Air extraction plenum kit with 2 circular connections</b>                  Uninsulated air intake plenum with 1 circular connection Ø 200/180/160 mm for size 520 and 620 terminals.</p>	
<b>B1161</b>	<p><b>Air extraction plenum kit with 3 circular connections</b>                  Uninsulated air intake plenum with 1 circular connection Ø 200/180/160 mm for size 720 and 820 terminals.</p>	
<b>B1162</b>	<p><b>Air extraction plenum kit with 4 circular connections</b>                  Uninsulated air intake plenum with 1 circular connection Ø 200/180/160 mm for size 1020 terminals.</p>	
<b>B1163</b>	<p><b>Air extraction plenum kit with 4 circular connections</b>                  Uninsulated air intake plenum with 1 circular connection Ø 200/180/160 mm for size 1120 and 1220 terminals.</p>	

## Ducting kit

**B1164** **Straight insulated air delivery plenum kit**  
For size 220 terminals.



**B1165** **Straight insulated air delivery plenum kit**  
For size 320 and 420 terminals.



**B1166** **Straight insulated air delivery plenum kit**  
For size 520 and 620 terminals.



**B1167** **Straight insulated air delivery plenum kit**  
For size 720 and 820 terminals.



**B1168** **Straight insulated air delivery plenum kit**  
For size 1020 terminals.



**B1169** **Straight insulated air delivery plenum kit**  
For size 1120 and 1220 terminals.



**B1170** **Straight air extraction plenum kit**  
For size 220 terminals.



**B1171** **Straight air extraction plenum kit**  
For size 320 and 420 terminals.



**B1172** **Straight air extraction plenum kit**  
For size 520 and 620 terminals.



**B1173** **Straight air extraction plenum kit**  
For size 720 and 820 terminals.



# Accessories

## Ducting kit

<b>B1174</b>	<b>Straight air extraction plenum kit</b> For size 1020 terminals.	
<b>B1175</b>	<b>Straight air extraction plenum kit</b> For size 1120 and 1220 terminals.	
<b>B1176</b>	<b>90° insulated air delivery plenum kit</b> For size 220 terminals.	
<b>B1177</b>	<b>90° insulated air delivery plenum kit</b> For size 320 and 420 terminals.	
<b>B1178</b>	<b>90° insulated air delivery plenum kit</b> For size 520 and 620 terminals.	
<b>B1179</b>	<b>90° insulated air delivery plenum kit</b> For size 720 and 820 terminals.	
<b>B1180</b>	<b>90° insulated air delivery plenum kit</b> For size 1020 terminals.	
<b>B1181</b>	<b>90° insulated air delivery plenum kit</b> For size 1120 and 1220 terminals.	
<b>B1182</b>	<b>90° air extraction plenum kit</b> For size 220 terminals.	
<b>B1183</b>	<b>90° air extraction plenum kit</b> For size 320 and 420 terminals.	

## Ducting kit

**B1184**

**90° air extraction plenum kit**

For size 520 and 620 terminals.



**B1185**

**90° air extraction plenum kit**

For size 720 and 820 terminals.



**B1186**

**90° air extraction plenum kit**

For size 1020 terminals.



**B1187**

**90° air extraction plenum kit**

For size 1120 and 1220 terminals.



**B1188**

**Telescopic extension kit 0-100 mm**

0-100mm telescopic extension, suitable for connecting size 220 terminals to all straight and 90° supply and return plenums (not compatible with plenums with circular connections).



**B1189**

**Telescopic extension kit 0-100 mm**

0-100mm telescopic extension, suitable for connecting size 320 and 420 terminals to all straight and 90° supply and return plenums (not compatible with plenums with circular connections).



**B1190**

**Telescopic extension kit 0-100 mm**

0-100mm telescopic extension, suitable for connecting size 520 and 620 terminals to all straight and 90° supply and return plenums (not compatible with plenums with circular connections).



**B1191**

**Telescopic extension kit 0-100 mm**

0-100mm telescopic extension, suitable for connecting size 720 and 820 terminals to all straight and 90° supply and return plenums (not compatible with plenums with circular connections).



**B1192**

**Telescopic extension kit 0-100 mm**

0-100mm telescopic extension, suitable for connecting size 1020 terminals to all straight and 90° supply and return plenums (not compatible with plenums with circular connections).



**B1193**

**Telescopic extension kit 0-100 mm**

0-100mm telescopic extension, suitable for connecting size 1120 and 1220 terminals to all straight and 90° supply and return plenums (not compatible with plenums with circular connections).



# Accessories

## Ducting kit

**B1194** **Delivery grille kit**  
Air delivery grille without fixed-louvre ABS filter, white RAL 9003, for size 220 terminals.



**B1195** **Delivery grille kit**  
Air delivery grille without fixed-louvre ABS filter, white RAL 9003, for size 320 and 420 terminals.



**B1196** **Delivery grille kit**  
Air delivery grille without fixed-louvre ABS filter, white RAL 9003, for size 520 and 620 terminals.



**B1197** **Delivery grille kit**  
Air delivery grille without fixed-louvre ABS filter, white RAL 9003, for size 720 and 820 terminals.



**B1198** **Delivery grille kit**  
Air delivery grille without fixed-louvre ABS filter, white RAL 9003, for size 1020 terminals.



**B1199** **Delivery grille kit**  
Air delivery grille without fixed-louvre ABS filter, white RAL 9003, for size 1120 and 1220 terminals.



**B1200** **Extraction grille kit**  
Air intake grille with fixed-louvre ABS filter, white RAL 9003, for size 220 terminals.



**B1201** **Extraction grille kit**  
Air intake grille with fixed-louvre ABS filter, white RAL 9003, for size 320 and 420 terminals.



**B1202** **Extraction grille kit**  
Air intake grille with fixed-louvre ABS filter, white RAL 9003, for size 520 and 620 terminals.



**B1203** **Extraction grille kit**  
Air intake grille with fixed-louvre ABS filter, white RAL 9003, for size 720 and 820 terminals.



## Ducting kit

**B1204****Extraction grille kit**

Air intake grille with fixed-louvre ABS filter, white RAL 9003, for size 1020 terminals.

**B1205****Extraction grille kit**

Air intake grille with fixed-louvre ABS filter, white RAL 9003, for size 1120 and 1220 terminals.



# Wireless connectivity

To control the units via smartphone and tablet

Olimpia Splendid Bi2 terminals can be easily controlled, both when at home and away, via smartphone and tablet. In the different models, connectivity can be integrated via the B1130 wireless kit or the B1237 wireless kit combined with the B1236 programmable thermostat. The only exceptions are the Bi2 Ducted and Cassette models, for which connectivity is not available.



## OS Smart System

App available for models where connectivity can be integrated.

The application allows you to manage one or more units installed in your home, display the room temperature and set the main modes (cooling, heating, dehumidification, and ventilation), as well as schedule on/off timers.

More information on the application's advanced control features can be found in its manual, which can be downloaded from the [Olimpiasplendid.it](http://Olimpiasplendid.it) website



# Airzone Control

## How to manage terminals through Airzone climate control systems

Olimpia Splendid system terminals can be controlled via various Airzone systems, with the aim of improving integration and connectivity and, in the case of ducted units, applying the concept of zoning.

### Integration and connectivity with Aidoo Pro Modbus

The Bi2 Air, Bi2 Naked, Bi2 Wall and Bi2 Smart models are compatible with Aidoo: Airzone's solution for integrating terminals with the most common home automation and BMS ecosystems, allowing for the management of their main functions via smartphone, as well as through Airzone thermostats.

### Easyzone and zoning of ducted units

Optimising overall building energy consumption and reducing the power and number of installed units, without compromising comfort, is possible by controlling the temperature in each room precisely. Easyzone by Airzone is a motorised plenum compatible with Bi2 Ducted units, which allows for the zoned control of a ducted system via a single control interface, accessible through a wall control or the Airzone Cloud application. The integrated AirQ Sensor also measures indoor air quality and manages system elements to improve it.

