

FAN COIL UNITS

BI2 NAKED

[SLIM]



Size	1100, 1400, 1600
Type	recessed
Design	slim
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.

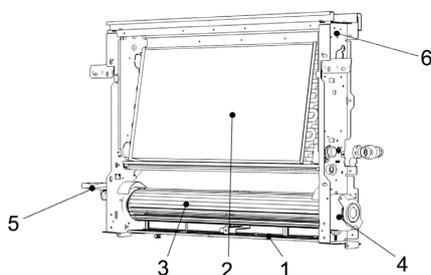
Radiant technology

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)

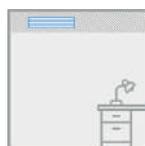
INSTALLATION



Wall-recessed, with closure panel.

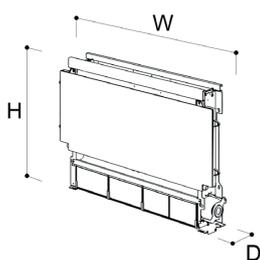


In-wall, with grids (SLI versions only).



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	SLI 17.5	SLI 18.0	SLI 19.5
		SLIR 19.5	SLIR 20.0	SLIR 21.0

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