FAN COIL UNITS

BI2 AIR
[ULTRASLIM]

EUROVENT
CERTIFIED PERFORMANCE
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Size	**200, 400, 600, 800**
Type	**with aesthetics**
Design	**ultraslim**
Radiant technology	✓

BMS   SiOS

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).
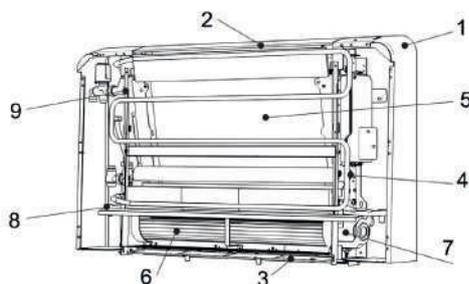
Radiant technology

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

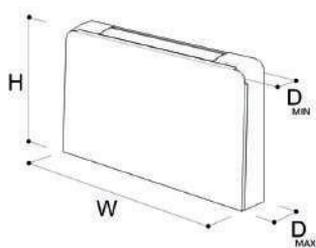## INSTALLATION

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
CONTROLS	INDRZ	Addressing of the Modbus control kit	TR	TR
	B1236	Wireless programmable thermostat NEW	TR	TR
	B1237	S1 wireless kit NEW	TR	TR
	B0736	Modbus wall-mounted programmable thermostat kit	TR	TR
	B0921	Contact touch wall-mounted thermostat kit	AR	-
	B1130	Wireless kit	TR	TR
ELECTRIC	B0839	LH-RH connection rotation extension kit	○	○
HYDRAULICS	B0832	2-way valve group kit with 4-wire actuator	○	○
	B0834	3-way valve group kit with 4-wire actuator	○	○
	B0205	Manual 2-way valve group kit	○	○
	B0204	Manual 2-way valve insulation kit	○	○
	B0200	Adapter connection kit for 1/2" gas thread	○	○

			SL	SLR
HYDRAULICS	B0201	Adapter connection kit for 3/4" gas thread	○	○
	B0203	Eurokonus 90° bending connection kit	○	○
	B0852	Floor mounting bracket kit	≤800	≤800
	B0853	Aesthetic kit feet for covering	≤800	≤800
AESTHETICS	B0847	Back panel	200	200
	B0848	Back panel	400	400
	B0849	Back panel	600	600
	B0850	Back panel	800	800
	B0520	Ceiling-mount kit (condensate trap)	200	-
	B0521	Ceiling-mount kit (condensate trap)	400	-
	B0522	Ceiling-mount kit (condensate trap)	600	-
	B0523	Ceiling-mount kit (condensate trap)	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		
SL AIR DC TR				01851			01852			01853			01854		
SL AIR DC AR				01767			01768			01769			01770		
SLR AIR DC TR				01856			01857			01858			01859		
SLR AIR DC AR				01772			01773			01774			01775		
Fan speed				Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
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)	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)	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	448,8	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)	m3/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		
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 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

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