Bi2 AIR `SL` `SLR`

Slim fan coil units, SL and SLR versions

EUROVENT CERTIFIED PERFORMANCE
www.eurovent-certification.com

Compatible with:
SiOS CONTROL

PRO-POWER
Up to 4.85 kW of power, for larger spaces and colder climates.

INTEGRAL DESIGN
Front and side panels are joined for easy installation and maintenance.

MULTISET CONTROL
Integrated electronics allows touch operation, remote control and home automation connection.

FEATURES

- Heats, Cools, Dehumidifies and Filters.
- Integral aesthetics with intake from the lower side.
- Front in metal, sides in ABS.
- Compact: Min thickness 17,9 cm max 20 cm.
- Range consisting of 2 power modules.
- DC brushless motor.
- Monobloc body for work in comfort.
- Double motorised steel air delivery flap.
- Anti-intrusion grilles on the air intake and outlet.
- Removable filters placed on the air intake.
- Remote control supplied (only for TR control).
- Available in the colours: ☐ White RAL 9003

INTEGRATED CONTROLS AS STANDARD

TR (Touch Remote) CONTROL:
includes on-board touch control and remote control (supplied). Additionally, through a combination of keys, it is possible to remotely* control with a B0736 wall remote control or a home automation control (SiOS Control by Olimpia Splendid or MyHome by Bticino), via the Modbus RS485 serial protocol (ASCII or RTU). In addition, a correction of the room temperature read can be added via the user interface.
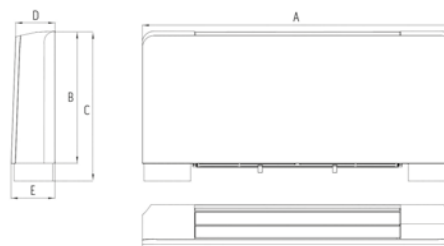
AR (Analog Remote) CONTROL:
Allows remote control by interfacing with wall controls or home automation control systems via 0-10V analog input or contacts (for radiant fan coil units, use the contact mode). It has a 230Vac output for control of a solenoid valve and a water probe inlet with the function of a minimum probe (for both modes of remote control). **AR models on request.**

LAYOUT, DIMENSIONS, WEIGHT

1. Heat exchanger battery
2. High efficiency radiant heating panel (SLR version)
3. Tangential fan
4. Brushless DC electric motor
5. Air delivery flap and anti-intrusion delivery grille
6. Condensate trap
7. Front body in electrogalvanised sheet metal
8. Anti-intrusion intake grille
9. Sides in ABS
10. On-board touch control (TR version)

SLR ONLY

		1400	1600
A	mm	1345	1415
B	mm	599	599
C	mm	719	719
D	mm	179	179
E	mm	200	200
Weight SL	kg	22.5	24
Weight SLR	kg	24,5	26

INSTALLATION
Floor mounted, wall mounted or (only for SL versions) ceiling mounted.**

SL ONLY

* With the exception of the combination with SIOS Control, in all other cases: Touch control on the machine, air probe on the machine and remote control disabled
**Ceiling installation: ceiling mounting kit and feet kit are necessary

OLIMPIA SPLENDID

BMS

HEAT PUMPS

FAN COIL UNITS

CMV

UNICO

FIXED AIR CONDITIONERS

PORTABLES

TECHNICAL DATA					1400			1600		
SL Air inverter (with TR command)						02048			02050	
SL Air inverter (with AR command)						02049			02051	
SLR Air inverter (with TR command)						02052			02054	
SLR Air omvormer (with AR command)						02053			02055	
Fan speed					Lower	Middle	High	Lower	Middle	High
Total power output in cooling mode	a27/19 - w7/12	(a)	(E)	kW	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	2.14	2.69	3.20	2.30	2.90	3.50
Fluid flow rate	a27/19 - w7/12	(a)		l/h	525.6	652.4	769.9	565.2	706	839.2
Water side head loss	a27/19 - w7/12	(a)	(E)	kPa	19	27.8	37.2	20.9	30.8	41
Total power output in heating mode	a20/15 - w50/-	(b)	(E)	kW	3.61	4.53	5.50	3.85	4.87	5.90
Fluid flow rate	a20/15 - w50/-	(b)		l/h	525.6	652.4	769.9	565.2	706	839.2
Water side head loss	a20/15 - w50/-	(b)	(E)	kPa	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	3.07	3.87	4.70	3.28	4.16	5.05
Fluid flow rate	a20/15 - w45/40	(c)		l/h	527.1	663.4	803.9	563.1	713	863.6
Water side head loss	a20/15 - w45/40	(c)	(E)	kPa	17.1	25.8	35.5	20.2	30.8	38.8
Absorbed power			(E)	W	6	13	26	6	15	29
Sound Power Lw (A)			(E)	dB(A)	38	49	54	39	50	55
Sound pressure Lp (A)		(d)		dB(A)	30	41	46	31	42	47
Air flow rate		(f)		m3/h	460	610	765	490	655	820
Battery water content				l		2.33			2.5	
Maximum operating pressure				bar		10			10	
Hydraulic fittings				inch		Eurocone 3/4			Eurocone 3/4	
Electrical power supply				V/ph/Hz		230/1/50			230/1/50	
Max static heating efficiency (50°C)				kW		0.45			0.5	
Max static heating efficiency (70°C)				kW		0.8			0.9	
Water content of the radiant panel				l		0.43			0.43	

(Left margin label: SLR ONLY — applies to last three rows)

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

ACCESSORIES

			SL	SLR
COMMANDS	B0736	Wall-mounted Modbus chrono-thermostat kit	TR	TR
	B0921	Contact touch wall-mounted thermostat kit (NEW)	AR	—
	INDRZ	Addressing of the Modbus control kit	TR	TR
	BMS00	Configuration for management with BMS systems - AR controls (NEW)	AR	AR
ELECTRICAL KITS	B0839	LH-RH connection rotation extension kit	O	O
HYDRAULICS KIT	B0832	2-way valve group kit with 4-wire actuator	O	O
	B0834	3-way valve group kit with 4-wire actuator	O	O
	B0205	Manual 2-way valve group kit	O	O
	B0204	Manual 2-way valve insulation kit	O	O
	B0200	Adapter connection kit for 1/2" gas thread	O	O
	B0201	Adapter connection kit for 3/4" gas thread	O	O
	B0203	Eurokonus 90° bending connection kit	O	O

ACCESSORIES

			SL	SLR
AESTHETIC KITS	B0875	Floor mounting bracket kit	≥ 1400	≥ 1400
	B0874	Aesthetic kit feet for covering	≥ 1400	≥ 1400
	B0876	Back panel	1400	1400
	B0877	Back panel	1600	1600
	B0878	Ceiling-mount kit (condensate trap)	1400	—
	B0879	Ceiling-mount kit (condensate trap)	1600	—

O Optional accessory | — Accessory not compatible

Please note that optional accessories are available for purchase in conjunction with all models of the terminal. When compatibility is only possible with certain sizes or models, the information is shown in the table.