

# Bi2 NAKED



Compatible with:  
**SIOS**  
CONTROL

## Slim fan coil units, SLI and SLIR versions



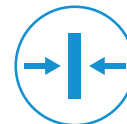
### PRO-POWER

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



### SPACE SAVING

Formwork measuring only 21.7 cm deep.



### SMALL FOOTPRINT

Closing panel in metal for wall installation.



### FEATURES

- Air Conditions, Dehumidifies, Heats and Filter
- Recessed version (with integrated radiant panel for the SLIR version)
- Compact: Recessed wall-mounted thickness of only 217 mm
- Range consisting of 3 models of different power
- Brushless DC motor
- SLIR version available only with hydraulic connections on the left.
- Metal closing panel available in the colours:  white RAL 9003

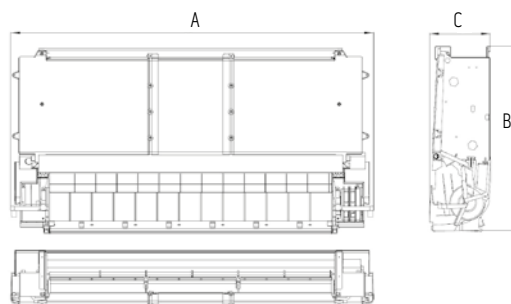
### LAYOUT, DIMENSIONS, WEIGHT



SLIR ONLY

### Fan coil unit

		1100	1400	1600
A	mm	1110	1110	1180
B	mm	599	599	599
C	mm	198	198	198
Weight SLI	kg	17.5	18	19.5
Weight SLIR	kg	19.5	20	21



## INSTALLATION

### Wall with panel

Required accessories: recessed formwork and closing panel.



### Wall with grilles

Required accessories: air extraction kit and insulated 90° delivery plenum (grilles and panel not supplied).



SLI ONLY



### False ceiling

Required accessories: air extraction kit, telescopic top or insulated 90° delivery plenum, delivery grilles and air intake grilles with an airfoil profile.

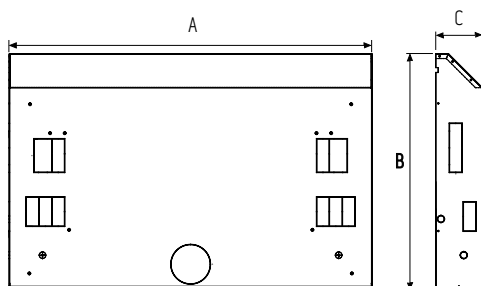


SLI ONLY



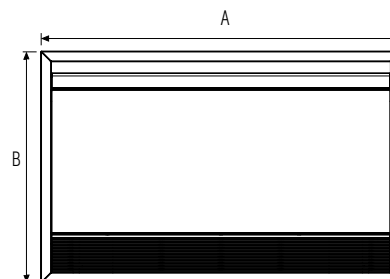
### Recessed formwork

		1100	1400	1600
A	mm	1513	1513	1513
B	mm	725	725	725
C	mm	217	217	217



### Closing panel

		1100	1400	1600
A	mm	1572	1572	1572
B	mm	754	754	754



TECHNICAL DATA					1100			1400			1600		
SLI inverter					02363			02056			02057		
SLIR inverter					02364			02071			02072		
Fan speed					Lower	Middle	High	Lower	Middle	High	Lower	Middle	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	3.20	2.30	2.90	3.50
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	5.50	3.85	4.87	5.90
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	4.70	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	6	15	29
Sound Power Lw(A)			(E)	dB(A)	39	46	50	38	49	54	39	50	55
Sound pressure Lp (A)			(d)	dB(A)	30	41	46	30	41	46	31	42	47
Air flow rate			(f)	m <sup>3</sup> /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		Eurocone 3/4			Eurocone 3/4			Eurocone 3/4	
Electrical power supply				V/ph/Hz		230/1/50			230/1/50			230/1/50	
SLIR 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 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

## ACCESSORIES

			SLI	SLIR
CONTROLS	B0872	On-board autonomous flat touch control kit	○	○
	B0873	Electronic contacts/0-10V remote control kit	○	○
	B0736	Wall-mounted Modbus chrono-thermostat kit	○	○
	B0921	Contact touch wall-mounted thermostat kit	○	—
HYDRAULICS KIT	B0633	LH-RH connection rotation extension kit	○	—
	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	○	○
	B0201	Adapter connection kit for 3/4" gas thread	○	○
KIT FOR RECESS WITH FORMWORK	B0203	Eurokonus 90° bending connection kit	○	○
	B0894	Formwork for recessed installation	≥ 1100	≥ 1100
	B0954	Radiant closing panel RAL 9003	—	≥ 1100
	B0959	Closing panel RAL 9003	≥ 1100	—

		SLI	SLIR
KIT FOR RECESS WITHOUT FORMWORK	B0880	Air delivery grille with airfoil profile	1100 —
	B0880	Air delivery grille with airfoil profile	1400 —
	B0881	Air delivery grille with airfoil profile	1600 —
	B0882	Air intake grille with airfoil profile	1100 —
	B0882	Air intake grille with airfoil profile	1400 —
	B0883	Air intake grille with airfoil profile	1600 —
	B0888	Intake kit	1100 —
	B0888	Intake kit	1400 —
	B0889	Intake kit	1600 —
	B0890	Telescopic top delivery plenum	1100 —
	B0890	Telescopic top delivery plenum	1400 —
	B0891	Telescopic top delivery plenum	1600 —
	B0892	Insulated 90° delivery plenum	1100 —
	B0892	Insulated 90° delivery plenum	1400 —
	B0893	Insulated 90° delivery plenum	1600 —

○ Optional accessory | — Accessory not compatible

Accessory description on page 92

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.