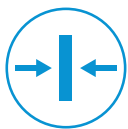


Bi2 NAKED

SLI inverter - ultraslim



Compatible with:



SMALL FOOTPRINT

Formwork measuring only 14.2 cm deep.

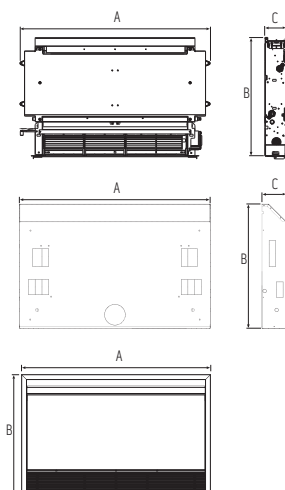


MAXIMUM INTEGRATION

Closing panel in paintable metal or installation on wall and ceiling.

FEATURES

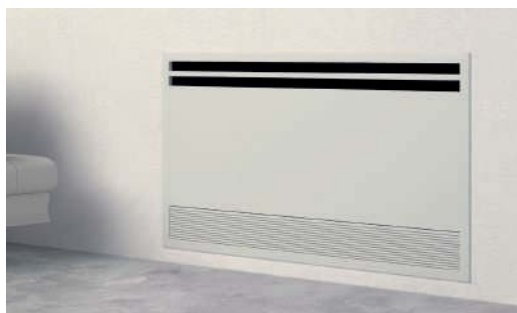
- Cools, Dehumidifies, Heats and Filters
- Recessed version
- Compact: recessed wall thickness of just 142 mm
- Range consists of 5 power models
- DC brushless Motor
- Installation: wall, ceiling (only for versions SL)



		200	400	600	800	1000
A	mm	525	725	925	1125	1325
B	mm	576	576	576	576	576
C	mm	126	126	126	126	126
Net weight SLIR	kg	7	9,5	11	14	17

FORMWORK FOR RECESS		200	400	600	800	1000
A	mm	713	913	1113	1313	1513
B	mm	725	725	725	725	725
C	mm	142	142	142	142	142

FRONT PANEL		200	400	600	800	1000
A	mm	772	972	1172	1372	1572
B	mm	754	754	754	754	754



WALL-INSTALLATION ONLY WITH CLOSURE PANEL

Accessories:



Recessed kit: structure for recessed installation



Closure panel White RAL 9010



WALL INSTALLATION

Accessories:



Intake kit



90° plenum (grilles and panel not supplied)



FALSE-CEILING INSTALLATION

Accessories:



Intake kit



telescopic Plenum or 90° plenum



Delivery grilles and intake grilles

MODEL		SLI inverter - ultraslim																	
		200			400			600			800			1000					
SLI inverter	cod.		01513	01514	01515	01516	01517												
Formwork for recess (optional)	cod.		B0568	B0569	B0570	B0571	B0572												
Heating panel kit (optional)	cod.		B0578	B0579	B0580	B0581	B0582												
Fan speed			Lower	Middle	High	Lower	Middle	High	Lower	Middle	High	Lower	Middle	High	Lower	Middle	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	1.50	2.10	2.54	1.98	2.69	3.29	2.17	3.25	3.78
Sensitive power output in cooling mode	a27/19 - w7/12	(a)	(E)	kW	0.26	0.50	0.64	0.65	1.02	1.25	1.10	1.56	1.94	1.54	2.09	2.54	1.71	2.42	2.98
Fluid flow rate	a27/19 - w7/12	(a)		l/h	66.2	123.3	142.9	157.6	232.0	302.5	259.2	363.1	440.3	341.9	464.7	570.0	374.8	561.4	654.8
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	5.7	13.1	18.2
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	3.10	4.10	3.05	3.77	4.67
Fluid flow rate	a20/15 - w50/-	(b)		l/h	66.2	123.3	142.9	157.6	232.0	302.5	259.2	363.1	440.3	341.9	464.7	570.0	374.8	561.4	654.8
Water side head loss	a20/15 - w50/-	(b)	(E)	kPa	3.2	8.8	10.9	2.0	4.6	6.8	6.2	11.8	15.8	6.1	11.5	15.5	4.7	10.9	15.1
Total power output in heating mode	a20/15 - w45/40	(c)	(E)	kW	0.54	0.70	0.88	1.06	1.39	1.94	1.46	2.14	2.60	1.85	2.60	3.44	2.56	3.16	3.91
Fluid flow rate	a20/15 - w45/40	(c)		l/h	91.9	119.9	150.0	181.9	238.1	330.3	250.6	365.7	444.6	316.6	444.8	587.9	438.1	541.0	668.5
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	16.0	4.1	8.9	14.2	6.4	9.8	13.9
Absorbed power			(E)	W	5	7	11	6	9	19	7	11	20	8	12	24	9	14	27
Sound Power Lw(A)			(E)	dB(A)	38	45	52	39	46	53	41	47	53	42	48	54	42	48	54
Sound pressure Lp (A)		(d)		dB(A)	29	36	43	30	37	44	32	38	44	33	39	45	33	39	45
Air flow		(f)		m ³ /h	100	130	160	190	250	320	280	360	460	350	450	575	400	510	650
Battery water content				l		0.47			0.8			1.13			1.46		1.8		
Maximum operating pressure				bar		10			10			10			10		10		
Hydraulic fittings				inches		Eurocone 3/4			Eurocone 3/4			Eurocone 3/4			Eurocone 3/4		Eurocone 3/4		
Electrical power supply				V/ph/Hz		230/1/50			230/1/50			230/1/50			230/1/50		230/1/50		
Max static heating efficiency (50°C)				kW		-			-			-			-		-		
Max static heating efficiency (70°C)				kW		-			-			-			-		-		
Water content of the radiant panel				l		-			-			-			-		-		

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

NEW

Bi2 NAKED

SLI inverter - slim

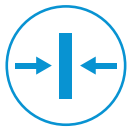


Compatible with:



PRO-POWER

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



SMALL FOOTPRINT

Formwork measuring only 21.7 cm deep.

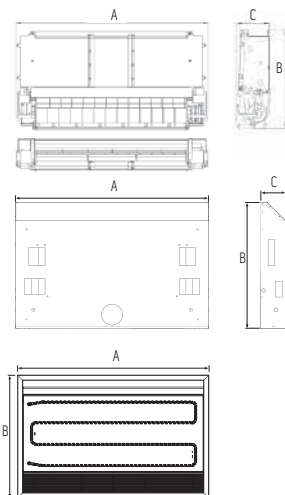
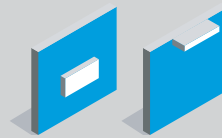


MAXIMUM INTEGRATION

Closing panel in paintable metal or installation on wall and ceiling.

FEATURES

- Cools, Dehumidifies, Heats and Filters
- Recessed version
- Compact: recessed wall thickness of just 217 mm
- Range consists of 2 power models
- DC brushless Motor
- Installation: wall (only for SLI versions) or ceiling-mounted installation.



		1400	1600
A	mm	1110	1180
B	mm	599	599
C	mm	198	198
Net weight SLIR	kg	18	19,5

FORMWORK FOR RECESS		1400	1600
A	mm	1513	1513
B	mm	725	725
C	mm	217	217

FRONT PANEL		1400	1600
A	mm	1572	1572
B	mm	754	754



WALL-INSTALLATION ONLY WITH CLOSURE PANEL

Accessories:



Recessed kit: structure for recessed installation



Closure panel White RAL 9010



WALL INSTALLATION

Accessories:



Intake kit



90° plenum (grilles and panel not supplied)



FALSE-CEILING INSTALLATION

Accessories:



Intake kit



telescopic Plenum or 90° plenum



Delivery grilles and intake grilles

PRELIMINARY TECHNICAL DATA

MODEL				SLI inverter - slim						
				1400			1600			
SLI inverter		cod.		02056			02057			
Formwork for recess (optional)		cod.		B0894			B0894			
Heating panel kit (optional)		cod.		B0582			B0582			
Fan speed				Lower	Middle	High	Lower	Middle	High	
Total power output in cooling mode		a27/19 - w7/12 (a)	KW	3.05	3.78	4.45	3.28	4.09	4.85	
Sensitive power output in cooling mode		a27/19 - w7/12 (a)	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)	kPa	19	27.8	37.2	20.9	30.8	41	
Total power output in heating mode		a20/15 - w50/- (b)	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)	kPa	16.2	23.7	31.7	19.4	28.6	35.7	
Total power output in heating mode		a20/15 - w45/40 (c)	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)	kPa	17.1	25.8	35.5	20.2	30.8	38.8	
Absorbed power			W	6	13	26	6	15	29	
Sound Power Lw(A)			dB(A)	38	49	54	39	50	55	
Sound pressure Lp (A)			dB(A)	30	41	46	31	42	47	
Air flow			m ³ /h	460	610	765	490	655	820	
Battery water content			l		2.33			2.5		
Maximum operating pressure			bar		10			10		
Hydraulic fittings			inches	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	-			-			
Max static heating efficiency (70°C)			KW	-			-			
Water content of the radiant panel			l	-			-			

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

SLI INVERTER - ULTRASLIM E SLIM

	CODE	DESCRIPTION	COMBINATIONS
ON BOARD CONTROL	 B0828 (200) B0828 (400) B0828 (600) B0828 (800) B0828 (1000)	Touch Flat control kit on the machine , to be used in remote-control mode only through a combination of keys, for connection with MODBUS RS485 protocol: B0736 wall-installed remote-control or My Home by Bticino. Minimum water probe function. It has an input for sensor contact connection, 2 x 230 VAC outputs for solenoid valve control. The control cannot be ordered separately from the machine! IT MUST ALWAYS be coupled with B0736 or My Home by Bticino	B0736  My Home by 
	 B0872 (1400) B0872 (1600) NEW	Touch Flat control kit on the machine , to be used in remote-control mode only through a combination of keys, for connection with MODBUS RS485 protocol: B0736 wall-installed remote-control or My Home by Bticino. Minimum water probe function. It has an input for sensor contact connection, 2 x 230 VAC outputs for solenoid valve control. The control cannot be ordered separately from the machine! IT MUST ALWAYS be coupled with B0736 or My Home by Bticino	B0736  My Home by 
REMOTE CONTROL	 B0756 (200) B0756 (400) B0756 (600) B0756 (800) B0756 (1000)	Control kit for remotization for the management and control through analogic inlet 0-10V or contacts. It has a 230VAC outlet for the control of one solenoid valve and a water sensor inlet with minimum temperature sensor function (in the contact mode).	B0151 B0152
	 B0873 (1400) B0873 (1600) NEW	Control kit for remotization for the management and control through analogic inlet 0-10V or contacts. It has a 230VAC outlet for the control of one solenoid valve and a water sensor inlet with minimum temperature sensor function (in the contact mode).	B0151 B0152
	 B0151 PHASE OUT	Wall control kit with thermostat, summer/winter selector and speed switch. Wall thermostat with room sensor, On-Off switch, three-speed fan and summer/winter selector. Temperature range setting from 5 °C to 30 °C. 230 V supply. It has two 230VAC hot water and cold water solenoid outlets and an inlet water temperature sensor.	B0756 B0873
	 B0152 PHASE OUT	Recessed control kit LCD with ambient sensor and thermostat, summer/winter selector and speed switch. Electronic recessed thermostat with ambient sensor, On-Off switch, fan speed selector (min, med, max and auto), ambient temperature, minimum water sensor mode and summer/winter selector. Temperature range setting from 5 °C to 35 °C. 230 V supply.	B0756 B0873
	 B0736	LCD wall clock thermostat remote control kit. Programmable wall LCD thermostat control for MODBUS connection, RS485. Ability to control up to 30 units. Desired temperature selection, operation mode, fan speed, manual/programmable thermostat. Room sensor inserted in control. Backlit LCD. Presence contact input. The control is equipped with a 230/12VAC double insulation power transformer and a buffer battery. Wall installation with center to center distance compatible with standard recessed mounting box 503.	B0828 B0872 
	Addressing for Bticino management and SIOS Control	INDRZ	Mandatory default addressing of remote kits in case of remote management via Modbus connection with SIOS Control, Bticino MYHome and any other system that communicates in Modbus.

	CODE	DESCRIPTION
HYDRAULIC KITS	 B0832	2-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch. Consists of a valve with thermoelectric actuator and holder, the first allows for the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses. This kit is mandatory in version SLR except in the case of using a 3-way valve kit or in the presence of a collector with thermoelectric heads.
	 B0834	3-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch. Consists of a three-way diverter valve with thermoelectric actuator, and a holder. The first allows the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses; the by-pass keeps water circulating in the system. This kit is an alternative to the 2-way solenoid valve kit (required in version SLR).
	 B0205	Manual 2-way group valves kit. Consisting of a valve and a holder, the first allows the cabinet to be manually excluded from the system, while the holder allows the balancing of system load losses. Also allowed when solenoid valves on the collector are managed by the control kit of terminal Bi2.
	 B0204	Manual 2-way valve isolation kit. Avoids condensation during the cooling operation (already included in the other thermoelectric hydraulic kits).
	 B0200 B0201	Kit pair adapters. Allows you to transform the Bi2 3/4" Eurocone connection into a standard 1/2" (B0200) or 3/4" (B0201) gas thread connection.
	 B0203	Kit 90° Eurokonus bend Facilitates the connection in case of hydraulic connections with walled pipes.
ELECTRICAL KITS	 B0632 (200) B0632 (400) B0632 (600) B0633 (800) B0633 (1000) B0633 (1400) B0633 (1600)	Extension cord control panel kit Power and motor sensor electric connection cable for installations where connection positions are rotated (from Left to Right).
		Ceiling recessed kit: air discharge grid with wing profile. B0550 (200), B0551 (400) B0552 (600), B0553 (800), B0554 (1000), B0880 (1400), B0881 (1600) NEW
RECESSED KITS		Ceiling recessed kit: air suction grid with wing profile. B0559 (200), B0560 (400), B0561 (600), B0562 (800), B0563 (1000), B0882 (1400), B0883 (1600) NEW
		Suction kit for false ceiling or plasterboard trapdoor. Channels the air drawn from the suction grille to the cabinet. B0194 (200), B0195 (400), B0196 (600), B0197 (800), B0198 (1000), B0888 (1400) B0889 (1600) NEW
		Upper telescopic discharge plenum kit. Channels the air from the cabinet to the discharge grille. B0160 (200), B0161 (400), B0162 (600), B0163 (800), B0164 (1000), B0890 (1400), B0891 (1600) NEW
		90° insulated discharge plenum kit. Channels the air from the cabinet to the discharge grille. (non compatible with recessed structure). B0165 (200), B0166 (400), B0167 (600), B0168 (800), B0169 (1000), B0892 (1400), B0893 (1600) NEW
		Recessed kit: structure for recessed installation For vertical installation (to be combined with the closing panel) B0568 (200), B0569 (400), B0570 (600), B0571 (800), B0572 (1000), B0894 (1400), B0894 (1600) NEW
		Closing panel for recessed structure. For vertical installation (to be combined with the recessed structure kit) White RAL 9010 B0578 (200), B0579 (400), B0580 (600), B0581 (800), B0582 (1000), B0582 (1400), B0582 (1600)