Bi2 WALL

SLW inverter

Compatible with:

SiOS CONTROL

REVERSIBILITY

By rotating the display, Bi2 Wall can be installed as a split unit or a console machine.

FAMILY FEELING

Similar design as the Bi2 Air terminal to allow aesthetically coordinated installations in the same environment.

2- OR 3-WAY VALVE INCLUDED

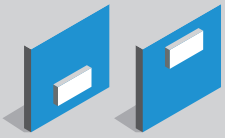
The terminal is equipped with an integrated 2 or 3-way valve for easy installation.

MULTISET CONTROL

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

FEATURES

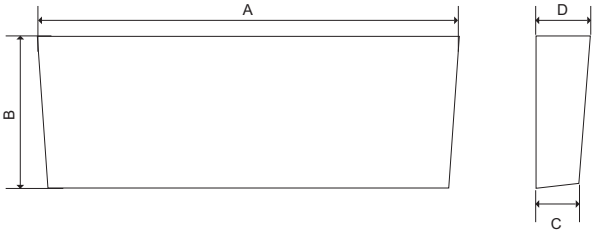
- Cools, Dehumidifies, Heats and Filters
- 3 sizes available
- Touch controls on the machine (TR control)
- DC brushless Motor
- Fitted with large motorized flap
- Total flat aesthetic
- Adjustable environment thermostat
- Functioning mode selection (cooling, heating, ventilation only, automatic, dehumidification)
- Ventilation program selection (min, med, max)
- Timer
- Remote control unit supplied (for TR control only)
- Strong metal body
- Available in colors: ☐ White RAL 9010
- Installation: console, high-wall



MULTISET CONTROL

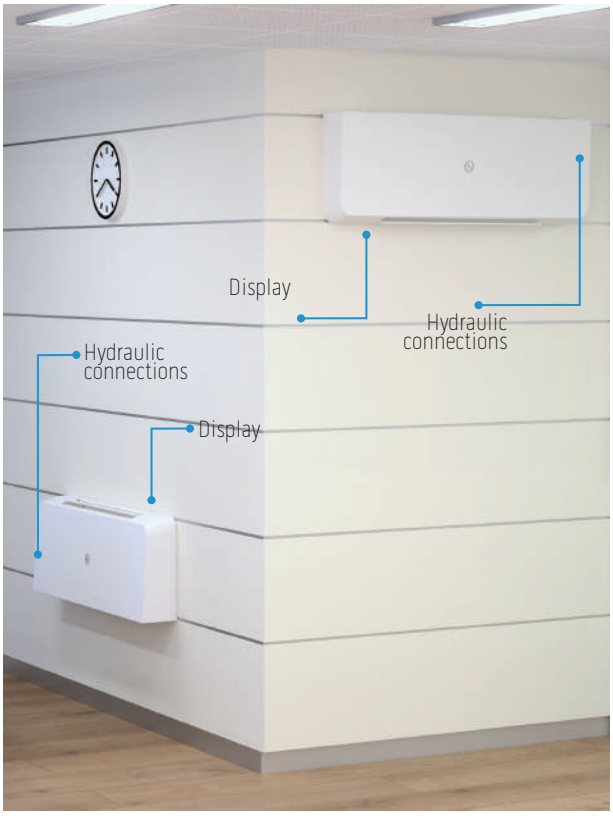
TR COMMAND (Touch Remote):
Touch control on the machine and remote control supplied.
By means of a selection of buttons on the machine it is possible to remotise * with remote control on the wall (chronothermostat cod. B0736, optional) or with home automation, through the Modbus RS485 signal protocol

AR (Analogic Remote) COMMAND:
Analog control for universal remote control with wall controls or home automation systems, through the 0-10V signal or 4-speed digital.



		400	600	800
A	mm	906	1106	1306
B	mm	380	380	380
C	mm	129	129	129
D	mm	150	150	150
Net weight	kg	13	14,5	16

* 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



Bi2 Wall is the first hydronic terminal that can be installed as a high wall "split" (High Wall configuration) or as a low wall console machine (Console configuration). Depending on the installation configuration, with a combination of keys on the control on the machine, the display digits are rotated.
In the High Wall configuration the water connections are positioned on the right and the display is positioned on the left.
In the Console configuration the water connections are positioned on the left and the display is positioned on the right.

Equipped with a large motorised flap

MODEL					SLW inverter 400			SLW inverter 600			SLW inverter 800		
SLW inverter (with 2-way valve and TR command)				cod.	01784			01785			01786		
SLW inverter (with 2-way valve and AR command)				cod.	01875			01876			01877		
SLW inverter (with 3-way valve and TR command)				cod.	01787			01788			01789		
SLW inverter (with 3-way valve and AR command)				cod.	01878			01879			01880		
Fan speed					Lower	Middle	High	Lower	Middle	High	Lower	Middle	High
Total power output in cooling mode	a27/19 - w7/12	(a)	(E)	kW	0.52	0.71	1.01	0.69	0.89	1.23	0.77	1.09	1.82
Sensitive power output in cooling mode	a27/19 - w7/12	(a)	(E)	kW	0.42	0.59	0.91	0.58	0.80	1.15	0.65	0.95	1.47
Fluid flow rate	a27/19 - w7/12	(a)		l/h	90.6	124.0	177.0	120.1	155.1	215.5	134.0	189.7	317.7
Water side head loss	a27/19 - w7/12	(a)	(E)	kPa	2.8	5.2	8.9	4.9	6	7.9	2.1	4.8	11
Total power output in heating mode	a20/15 - w50/-	(b)	(E)	kW	0.67	0.99	1.55	0.98	1.37	2.16	1.14	1.68	2.85
Fluid flow rate	a20/15 - w50/-	(b)		l/h	90.6	124.0	177.0	120.1	155.1	215.5	134.0	189.7	317.7
Water side head loss	a20/15 - w50/-	(b)	(E)	kPa	2.4	4.5	7.1	1.9	2.9	2.5	2.0	4.6	8.8
Total power output in heating mode	a20/15 - w45/40	(c)	(E)	kW	0.58	0.86	1.40	0.86	1.20	1.90	0.99	1.45	2.50
Fluid flow rate	a20/15 - w45/40	(c)		l/h	99.1	146.3	237.5	146.5	204.6	322.8	168.1	247.8	425.4
Water side head loss	a20/15 - w45/40	(c)	(E)	kPa	3.4	6.7	11.6	6.7	11.9	5.4	8.5	16.4	15.3
Absorbed power			(E)	W	7	11	19	8	12	23	9	13	27
Sound Power Lw(A)			(E)	dB(A)	43	49	57	43	50	58	43	50	58
Sound pressure Lp (A)		(d)		dB(A)	34	40	48	34	41	49	34	41	49
Air flow		(f)		m3/h	140	190	290	190	260	400	200	280	430
Battery water content				l	0.3			0.4			0.5		
Maximum operating pressure				bar	8			8			8		
Hydraulic fittings				inches	Eurocone 3/4			Eurocone 3/4			Eurocone 3/4		
Electrical power supply				V/ph/Hz	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

Accessories control TR

		CODE	DESCRIPTION	COMBINATIONS
ON BOARD CONTROL		INSTALLED AS STANDARD	The TR (Touch Remote) control includes a touch control on the machine and a remote control (supplied). Furthermore, by means of a combination of keys, it is possible to remotely command the control with a B0736 wall-mounted remote control or home automation (Olimpia Splendid or compatible), through the Modbus RS485 ASCII signal protocol.	B0736 SiOS CONTROL My Home by bticino
ON BOARD CONTROL		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.	SiOS CONTROL
	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.	-

Accessories control AR

		CODE	DESCRIPTION	COMBINATIONS
ON BOARD CONTROL		INSTALLED AS STANDARD	The AR (Analogic Remote) command allows remote control by interfacing with wall controls or home automation control systems through 0-10V analog input or contacts. It has a 230Vac output for control of a solenoid valve and a water probe inlet with the function of a minimum probe (only for use with contacts).	B0151 B0152
REMOTE CONTROL		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.	
		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.	