

FAN COIL UNITS



BI2 WALL

[SLIM]

Size	1000, 1200, 1400
Type	high wall
Design	slim



Ideal for above-door installations

Designed to achieve one of the highest power-to-volume ratios on the market, the unit is particularly compact and allows for easy above-door installation, making use of a space that is almost always unused. In more complex drainage situations (where gradients do not allow for natural water discharge), the condensate pump kit is available (code B0983 optional).

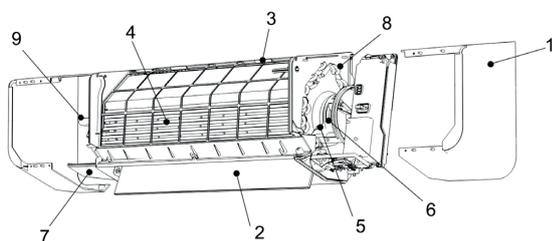
Multiset Control

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).



- Cooling**
- Heating**
- Dehumidification**
- Ventilation**
- Auto Mode**
- Keyboard Lock**
- Sleep Mode**
- Swing**
- Timer**

LAYOUT



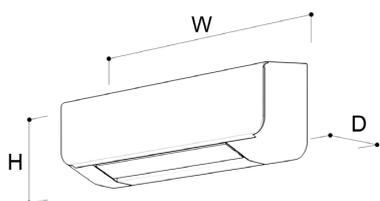
1. Monobloc front casing in electrogalvanised sheet metal with ABS side panels
2. Steel air delivery flap (motorised)
3. Anti-intrusion air intake grille with removable filters
4. Heat exchanger battery
5. Tangential fan
6. Brushless DC electric motor
7. Condensate trap
4. Water temperature probe
9. Hydraulic connections with 2-way or 3-way 4-wire valve
- Optional condensate drain pump

INSTALLATION



High-walled, over-door.

DIMENSIONS AND WEIGHT



		1000	1200	1400
W	mm	940	940	940
H	mm	303	303	303
D	mm	226	226	226
WEIGHT	kg	11	12.0	12.0

COMPATIBLE ACCESSORIES

CONTROLS	CONTROLS			CON- DENSA- TION	CON- DENSA- TION		
	Model	Description	Accessories		Model	Description	Accessories
CONTROLS	INDRZ	Addressing of the Modbus control kit	TR	CON- DENSA- TION	B0921	Contact touch wall-mounted thermostat kit	AR
	B1236	Wireless programmable thermostat	TR		B1130	Wireless kit	TR
	B1237	S1 wireless kit	TR		B0983	Condensate pump kit	o
	B0736	Modbus wall-mounted programmable thermostat kit	TR				

● 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

					1000			1200			1400		
SLW DC V2V TR					02467			02459			02463		
SLW DC V2V AR					02468			02460			02464		
SLW DC V3V TR					02465			02457			02461		
SLW DC V3V AR					02466			02458			02462		
Fan speed					Low	Medium	High	Low	Medium	High	Low	Medium	High
Total power output in cooling mode	a27/19 - w7/12	(a)	(E)	kW	1,10	1,90	2,40	1,90	2,50	3,10	2,20	3,20	3,90
Sensitive power output in cooling mode	a27/19 - w7/12	(a)	(E)	kW	0,91	1,55	1,98	1,62	2,10	2,59	1,86	2,68	3,33
Fluid flow rate	a27/19 - w7/12	(a)		l/h	195,9	326,4	411,2	325,7	428,9	532,3	378,3	549,2	665,9
Water side head loss	a27/19 - w7/12	(a)	(E)	kPa	7,2	19,4	32,4	14,8	24,2	36,8	19,1	39,1	58,2
Total power output in heating mode	a20/15 - w50/-	(b)	(E)	kW	1,59	2,62	3,31	2,67	3,40	4,17	3,02	4,30	5,05
Fluid flow rate	a20/15 - w50/-	(b)		l/h	195,9	326,4	411,2	325,7	428,9	532,3	378,3	549,2	665,9
Water side head loss	a20/15 - w50/-	(b)	(E)	kPa	6,8	18,6	31,6	14,1	23,2	34,9	18,5	38,3	56,6
Total power output in heating mode	a20/15 - w45/40	(c)	(E)	kW	1,43	2,37	2,91	2,30	2,94	3,61	2,62	3,72	4,59
Fluid flow rate	a20/15 - w45/40	(c)		l/h	237,8	399,3	500,2	395,1	506,3	620,4	450,1	640,2	789,8
Water side head loss	a20/15 - w45/40	(c)	(E)	kPa	10,0	28,1	42,9	21,0	33,9	50,1	27,2	52,9	80,1
Absorbed power			(E)	W	8	15	22	9	14	21	11	23	38
Sound Power Lw (A)			(E)	dB(A)	37	45	51	38	43	51	40	50	56
Sound pressure Lp (A)			(d)	dB(A)	23	32	39	24	30	39	27	37	44
Air flow rate			(f)	m3/h	227	393	517	389	510	640	450	661	856
Battery water content				l		0,75			0,97			0,97	
Maximum operating pressure				bar		8			8			8	
Hydraulic fittings				inch		Piana 1/2			Piana 1/2			Piana 1/2	
Electrical power supply				V/ph/Hz		230/1/50			230/1/50			230/1/50	

The above performance refers to the following operating conditions:

(a) Cooling mode in standard conditions: air temperature 27°C DB 19°C WB, water inlet temperature 7°C, water outlet temperature 12°C

(b) Cooling mode in standard conditions: air temperature 27°C DB 19°C WB, water inlet temperature 7°C, water outlet temperature 12°C

(c) Heating mode standard conditions: air temperature 20°C DB, 15°C WB max, water inlet temperature 45°C, water outlet temperature 40°C

(d) Sound pressure level applicable to indoor environments with a volume of

100 m³, a reverberation time of 0.5 s and wall-mounted installation, with sound emission over a half-sphere at a distance of 3 metres

(E) Eurovent certified data

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