

## Wall mounted fan coils with EC motor



# IDROWALL-I

Cooling capacity: 2.0÷3.5 kW - Heating capacity:  
3.0÷5.1 kW

√ **Consumption reduced by 50% compared to the traditional motor**

√ **3-way valve on board**

√ **Integrated master/slave function and serial interface**



INVERTER



Web code: IDR01

Wall mounted fan coils.

### Construction features

- Heat exchanger: finned coil.
  - Fan: tangential with Inverter Brushless EC motor with continuous speed adjustment.
  - Baffle: motorised with different positions.
  - Structure: made of heat-resistant ABS polymer, RAL 9003 colour, complete with a regenerable polypropylene filter, adjustable fins and a natural condensate drain pan.
  - Unit equipped with a 3-way ON/OFF valve and resident RS485 serial interface.
  - Control: microprocessor electronic control.
- Adjustment functions: full auto, cool, dry, fan, autofan, heat. Comfort functions: orienting, swing, timer, sleep, hot start, memory.  
Remote control supplied as standard.

### Separately supplied accessories

- KV2V - 2-way ON/OFF valve accessory. Assembled on board by the installer.
- K2TF - Accessory for electrovalve use externally to the unit. Assembled by the installer.
- KVAM - Wall mounted recessed box.

### Controls supplied separately

- KWPI - Electronic panel for wall mounting installation.
- KWPCI - Centralised electronic panel for wall mounting installation Power supply V230-1-50.

## Technical Data

IDROWALL-I		21	31	41
❶ Total cooling capacity [EN1397]	kW	1,99	2,95	3,5
❷ Heating capacity (45°C) [EN1397]	kW	2,68	4,2	4,45
❸ Heating capacity (50°C)	kW	3,05	4,78	5,14
❹ Heating capacity (70°C) [EN1397]	kW	5,53	8,49	9
Air flow speed	m³/h	556	722	814
❺ Sound power	dB(A)	52	55	59
Sound pressure	dB(A)	43	46	50
Absorbed power	W	22	27	38
Electrical supply	V-ph-Hz	230-1-50	230-1-50	230-1-50
DIMENSIONS AND WEIGHTS		21	31	41
L - Width	mm	795	990	990
H - Height	mm	290	290	290
P - Depth	mm	230	230	230
Weight	kg	9,3	11,6	11,6

Data at the following conditions:

- ❶ Air: 27°C D.B.; 19°C W.B. - Water: 7/12°C.
- ❷ Air: 20°C - Water: 45/40°C.
- ❸ Air: 20°C - Water: 50°C, flow rate as in cooling.
- ❹ Air: 20°C - Water: 70/60°C.
- ❺ For room volume equal to 100 m³ and reverberation time = 0.5 sec.
- E Eurovent certificate performance.



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