

## WH high wall fan coil units

WH high wall mounted fan coils, proposed in three models with cooling capacities ranging from 2 to 4.6 kW, make the ideal indoor unit for air conditioning systems in public buildings, shops and hotels.

Coupled with Galletti water chillers and heat pumps, they provide an environmentally friendly alternative to direct expansion systems. WH fan coils are hallmarked by the quality of their components and their versatility of use:

- High efficiency heat exchanger made with copper piping and aluminium fins, low pressure drop on the water side. The heat exchanger comes complete with manual air valves and hoses for connection to the system or to the rear valve-fitted panel (optional accessory).
- Extremely quiet tangential fan connected to a 3-speed electric motor with a low number of revolutions.
- Motorised air outlet baffle for adjusting the direction of the airflow from the fan coil.
- The high quality plastics used allow operation with hot water up to a temperature of 75°.
- Microprocessor controlled operation with control of air intake temperature and that of the water inside the heat exchanger that regulates the heating function according to the temperature of the water (from 38°C to 75°C). The auto restart function makes it possible to automatically restore unit management after blackouts.
- Pilot lights on the front panel indicate unit operation.
- Air filter easily extractable for cleaning.



### ACCESSORIES

**Infra-red remote control** that when combined with the microprocessor control allows simple, versatile management of the fan coil:

- temperature setting
- manual or automatic fan speed selection
- manual or automatic operating mode selection
  - cooling
  - ventilation
  - heating
- automatic air outlet baffle oscillation with position control
- night mode setting
- Automatic 24-hour on-off timer
- Clock
- LCD for displaying all fan coil functions



The remote control comes packed separately, complete with wall bracket.

**Rear panel complete** with 3-way ON/OFF valve for even more accurate regulation of room temperature.

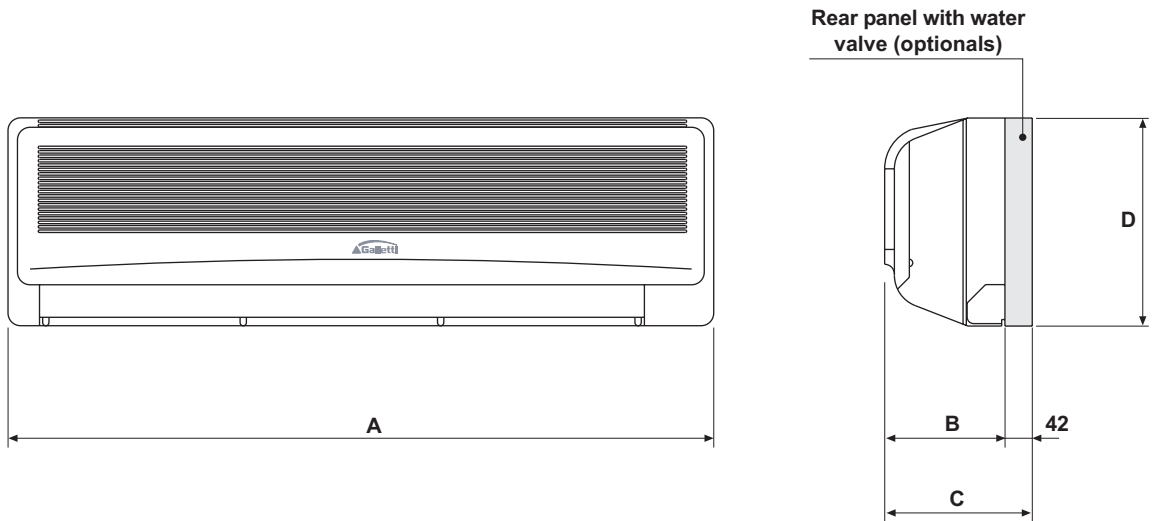
Electrothermal ON-OFF valve motor, suitable for 230 volt power supply and connection to the unit's terminal board.



WH Rated technical data					
speed		10	20	30	
Total cooling capacity	max	kW	2,27	3,06	4,28
Sensible cooling capacity	max	kW	1,90	2,54	3,55
Water flow		l/h	391	522	742
Water pressure drop		kPa	16	16	16
Heating capacity	max	Watt	5,20	7,49	9,72
Water flow		l/h	447	644	836
Water pressure drop		kPa	17	18	16
Water connection diameter		mm	12	12	12
Drain connection diameter		mm	22	22	22
Heat exchanger water content		dm <sup>3</sup>			
Air flow	max	m <sup>3</sup> /h	415	515	750
	medium	m <sup>3</sup> /h	360	460	630
	low	m <sup>3</sup> /h	335	420	570
Power supply		V / f / Hz	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50
Current absorption	max	A	0,15	0,17	0,24
Power absorption		W	34	39	51
Sound power	max	dB(A)	54	54	60
	medium	dB(A)	50	51	55
	low	dB(A)	48	49	51
Sound pressure	max	dB(A)	46	46	52
	medium	dB(A)	42	43	47
	low	dB(A)	40	41	43
Dimensions: height		m m	276	320	330
Dimensions: length		m m	870	1020	1160
Dimensions: Width		mm	183	185	213
Approx. net weight		kg	12	15	18

- Cooling mode: water temperature 7/12°C, air temperature 27°C dry bulb, 19°C wet bulb (47% relative humidity)
- Heating mode: water temperature 70-60°C, air temperature 20°C
- Sound pressure calculated for 1 meter distance, directional factor equal to 2.

### WH OVERALL DIMENSIONS



WH	A	B	C	D
10	870	183	225	276
20	1020	185	227	320
30	1160	213	255	330