

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



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.



RATED TECHNICAL DATA					
	Fan speed		WH10	WH20	WH30
Total cooling capacity	High	kW	2,27	3,06	4,28
Sensible cooling capacity	High	kW	1,72	2,41	3,15
Water flow		l/h	389	524	734
Water pressure drop		kPa	15	13	18
Heating capacity	High	kW	5,34	7,87	9,96
Water flow		l/h	468	685	873
Water pressure drop		kPa	15	18	19
Water connection		"	1/2	1/2	1/2
Drain connection		mm	22,00	22,00	22,00
Water content		dm ³	0,50	1,10	1,80
Air flow	High	m ³ /h	415	515	750
	Med	m ³ /h	360	460	630
	Low	m ³ /h	335	420	570
Power supply		V / f / Hz	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50
Current absorption	High	A	0,15	0,17	0,24
Power input		W	34	39	51
Sound power level	High	dB(A)	54	54	60
	Med	dB(A)	50	51	55
	Low	dB(A)	48	49	51
Sound pressure level	High	dB(A)	46	46	52
	Med	dB(A)	42	43	47
	Low	dB(A)	40	41	43
Overall dimension: height		mm	276	320	330
Overall dimension: length		mm	870	1020	1160
Overall dimension: depth		mm	183	185	213
Approx. 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 - high wall fan coil units					
Code	Model	Cooling capacity kW	Heating capacity kW	Portata aria m ³ /h	Price list €
AYWH10M	WH 10 arranged for wire control panel	2,2	5,2	415	615,00
AYWH10T	WH 10 with infrared remote control	2,2	5,2	415	685,00
AYWH20M	WH 20 arranged for wire control panel	3	7,5	515	770,00
AYWH20T	WH 20 with infrared remote control	3	7,5	515	840,00
AYWH30M	WH 30 arranged for wire control panel	4,3	9,7	750	960,00
AYWH30T	WH 30 with infrared remote control	4,3	9,7	750	1.030,00

Accessories		
Code	Description	Price list €
AYBP10	Back panel for valve installation, WH 10	64,47
AYBP20	Back panel for valve installation, WH 20	76,63
AYBP30	Back panel for valve installation, WH 30	86,36
WYVK10	3 way/4 ports motorized ON/OFF valve, WH 10 - WH 20	112,45
WYVK30	3 way/4 ports motorized ON/OFF valve, model WH 30	135,40
EYMCB	MY COMFORT BASE	69,00
EYMCM	MY COMFORT MEDIUM	110,00
EYMCL	MY COMFORT LARGE	158,00
EYMCSW	MCSW WATER PROBE for versions BASE, MEDIUM and LARGE on board	13,00
EYKP	KP Power interface for connecting in parallel up to 4 fan coil units to one control	120,89