

FCW

Fan coils wall-mount installation



- Versions without integrated valve and with microprocessor controls
- Compact dimensions



DESCRIPTION

Fan coil model for wall-mount installations, whose elegance and reduced dimensions make it aesthetically pleasing; this terminal is thus suitable for applications in residential or light commercial sectors.

To respond to the various system requirements, the product is configurable and available with or without (2- or 3-way) valve, as well as with or without control board, which ensures compatibility with various system requirements.

Fan coils without control board must be necessarily combined with an external control device.

FEATURES

Case

Aesthetically styled with flat panel:

- Microprocessor control

- Air flow louvered fins with horizontal adjustment facility
- Colors pure white pantone GRIS 1C RAL 9010.

Ventilation group

Consisting of a tangential fan, especially quiet and directly coupled to the motor shaft.

Three-speed cross flow fan.

Heat exchanger coil

With copper pipes and aluminium louvers, the main coil has female gas hydraulic connections and is fitted with air vents.

The coil is not suitable for use in corrosive atmosphere or in environments where aluminium may be subject to corrosion.

Air filter

Fan coils are fitted with air filters easy to remove and clean.

Control

The versions with microprocessor control have:

- Timer for programming switch-off or switch-on (TLW2 and PFW2)
- Program for operation in automatic, cooling, heating, ventilation and air ionising mode (TLW2 and PFW2)
- Night time Well-being Program (TLW2)
- Automatic season change (TLW2 and PFW2)
- Automatic re-start after power cut.

ACCESSORIES

For models with control board installed

HZVLC1, HZ4PC1 accessories compulsory (TLW2) TLW2: Infrared remote control with liquid crystal display for controlling all unit functions. The remote control is delivered separately from the fan coil; with a single remote control it is possible to control more than one fan coil. The remote control is equipped with a support that allows you to hang it on the wall, from which it can be operated without having to be removed.

TLW2



ACCESSORIES COMPATIBILITY

VMF system

Probes and accessory for control panels

Ver	2260	3260	4260	5260
HZ4PC1	TLW2 (1)	TLW2 (1)	TLW2 (1)	TLW2 (1)

(1) Accessory is required for operating the fan coil as an alternative to the wired remote control PFW2. mandatory accessory for versions with controller FCW_HZPC1, FCW_HZC1, FCW_HZVLC1.

PERFORMANCE SPECIFICATIONS

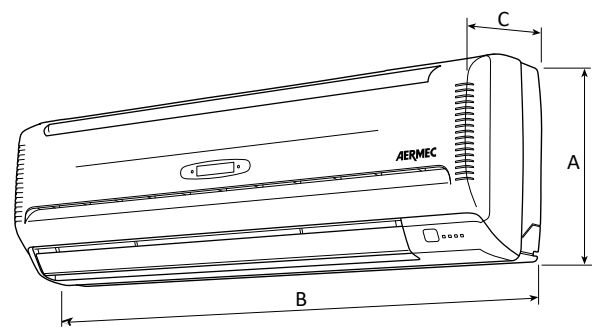
2-pipe

		FCW2260HZ4PC1			FCW3260HZ4PC1			FCW4260HZ4PC1			FCW5260HZ4PC1		
		1	2	3	1	2	3	1	2	3	1	2	3
		L	M	H	L	M	H	L	M	H	L	M	H
Heating mode 113 °F / 104 °F (1)													
Heating capacity	BTU/h	7,237	7,820	8,139	6,453	9,544	10,135	17,306	19,452	20,766	23,436	24,655	25,307
Water flow rate system side	gpm	1.6	1.8	1.8	1.4	2.1	2.3	3.9	4.4	4.6	5.2	5.5	5.7
Pressure drop system side	ft H ₂ O	4.71	5.41	5.81	4.19	8.47	9.44	6.42	7.92	8.91	5.59	6.13	6.42
Cooling mode 44.6 °F / 53.6 °F (2)													
Cooling capacity	BTU/h	7,265	7,851	8,171	6,479	9,581	10,175	17,374	19,529	20,848	23,554	24,779	25,434
Sensible cooling capacity	BTU/h	5,884	6,424	6,727	4,998	7,733	8,285	13,047	14,885	16,043	17,716	18,765	19,343
Water flow rate system side	gpm	1.6	1.7	1.8	1.4	2.1	2.3	3.9	4.3	4.6	5.2	5.5	5.6
Pressure drop system side	ft H ₂ O	6.12	7.03	7.56	5.94	12.01	13.38	8.41	10.38	11.68	7.37	8.08	8.47
Fan													
Type	type	Tangential			Tangential			Tangential			Tangential		
Fan motor	type	On-Off			On-Off			On-Off			On-Off		
Number	no.	1			1			1			1		
Air flow rate	cfm	259	289	310	189	321	354	506	595	661	689	741	778
Sound power	dB(A)	48,9	51,9	54,6	48,1	51,5	53,1	51,2	54,9	61,5	55,0	58,1	60,1
Input power	W	23	27	32	24	27	33	50	59	72	54	61	69
Diameter hydraulic fittings													
Main coil	Ø	1/2"			1/2"			1/2"			1/2"		
Power supply													
Power supply		208-230V~60Hz			208-230V~60Hz			208-230V~60Hz			208-230V~60Hz		

(1) Room air temperature 68 °F b.s.; Water (in/out) 113 °F/104 °F

(2) Room air temperature 80.6 °F b.s./66.2 °F b.u.; Water (in/out) 44.6 °F/53.6 °F

DIMENSIONS



		FCW5260HZ4PC1	FCW4260HZ4PC1	FCW3260HZ4PC1	FCW2260HZ4PC1
Dimensions and weights					
A	in	14.4	14.2	12.0	11.7
B	in	57.1	46.1	39.0	-
C	in	9.1	8.7	8.3	8.1
Weight empty	lb	62	42	22	20

Aermec reserves the right to make all modification deemed necessary for improving the product at any time with any modification of technical data.

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