

Floor standing unit

FWZ-AT/AF



BLDC fan motor unit for vertical mounting.
Continuous air flow regulation and fan speed modulation.

- › Up to 70% energy savings with brushless DC motor technology compared to traditional technology
- › Instant adjustment to temperature and relative humidity changes
- › Low operating sound level
- › Highly flexible solutions: multiple sizes, piping topologies and connection valves
- › Requires very little installation space

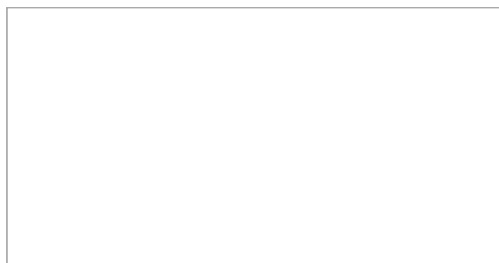
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FWZ-AT/AF				02	03	06	02	03	06	
				2-pipe			4-pipe			
Cooling capacity (standard conditions)	Latent capacity	High	kW	0.54(1)	0.82(1)	0.98(1)	0.33(1)	0.80(1)	1.19(1)	
		Low	kW	1.04(1)	1.25(1)	2.31(1)	0.97(1)	1.23(1)	2.27(1)	
	Total capacity	Medium	kW	1.30(1)	1.69(1)	2.90(1)	1.21(1)	1.65(1)	2.85(1)	
		High	kW	1.49(1)	2.09(1)	3.62(1)	1.44(1)	2.06(1)	3.54(1)	
		Low	kW	1.35(1)	1.75(1)	2.99(1)	1.25(1)	1.72(1)	3.10(1)	
	Medium	kW	1.69(1)	2.37(1)	3.64(1)	1.55(1)	2.32(1)	3.79(1)		
	High	kW	1.94(1)	2.91(1)	4.48(1)	1.77(1)	2.86(1)	4.64(1)		
Heating capacity (standard conditions)	Capacity	Low	kW	1.50(3)	1.76(3)	3.36(3)	1.36(2)	1.88(2)	3.55(2)	
		Medium	kW	1.81(3)	2.37(3)	4.11(3)	1.56(2)	2.31(2)	4.07(2)	
		High	kW	2.15(3)	2.94(3)	4.88(3)	1.76(2)	2.68(2)	4.64(2)	
	Low	kW	0.01							
	Medium	kW	0.01		0.02		0.01		0.02	
	High	kW	0.019	0.016	0.033	0.019	0.016	0.033		
FCEER				B	A		B	A		
FCCOP				B	A		B	A		
Dimensions	Unit	Height x Width x Depth	mm	564 x 774 x 226	564 x 984 x 226	564 x 1,190 x 226	564 x 774 x 226	564 x 984 x 226	564 x 1,190 x 226	
Weight	Unit			kg	20.6	26.7	32.3	20.6	26.7	32.3
Casing	Colour	White - RAL9010								
Heat exchanger	Water volume			l	1					
Additional heat exchanger	Water volume			l	0			-		
Water flow	Cooling / Heating	Low	l/h	216 / 119	297 / 165	535 / 311	234 / 260	302 / 301	515 / 575	
		Medium	l/h	267 / 136	400 / 202	654 / 357	292 / 315	408 / 408	628 / 709	
		High	l/h	307 / 154	493 / 234	802 / 406	337 / 373	503 / 506	774 / 866	
Fan	Type	Centrifugal								
	Quantity			1	2		1	2		
	Air flow rate	Low	m³/h	205	237	460	211	241	470	
		Medium	m³/h	261	332	593	271	341	605	
High		m³/h	327	431	763	344	442	785		
Air filter	Type	Polypropylene net								
Total sound power level	Low	dBA	38(4)	33(4)	48(4)	40(4)	36(4)	43(4)		
	Medium	dBA	44(4)	41(4)	53(4)	44(4)	42(4)	49(4)		
	High	dBA	50(4)	47(4)	58(4)	50(4)	48(4)	56(4)		
Sound pressure level	Low	dBA	33	28	43	35	31	38		
	Medium	dBA	39	36	48	39	37	44		
	High	dBA	45	42	54	45	43	51		
Electric heater	Power input			kW	1.5	1.6	2.0	1.5	1.6	2.0
Piping connections	Drain	OD	mm						16	
Power supply	Phase/Frequency/Voltage			Hz/V					1~/50/230	

- (1) Cooling: indoor temp. 27°CDB, 19°CWB; entering water temp. 7°C, water temperature rise 5K.
- (2) Heating: indoor temp. 20°CDB, 15°CWB; entering water temp. 45°C, water temperature drop 5K.
- (3) Heating: indoor temp. 20°CDB, 15°CWB; entering water temp. 65°C, water temperature drop 10K.
- (4) Sound power level according to ISO3741

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