

Fan Coil Units FWH-AT/AF



Open protocol Cassette

- AC fan motor unit for ceiling mounting
- 4-way air discharge
- Two dimensional frames (600x600mm and 900x900mm)
- Modern style ABS air intake diffusion grille
- Reliability and sturdiness in a compact design
- Condensate drainage pump up to 900mm lift
- Available with mounted control board or in naked version to be combinable with any controller
- Reduced installation and commissioning time with the availability of 2-way or 3-way valves with ON-OFF or modulating actuator



				02	03	04	06	07	08	02	03	04	06	08
Indoor unit		FWH-AT/FWH-AF		2-pipe						4-pipe				
Cooling capacity (standard conditions)	Total capacity	High	kW	2.53	4.31	5	7.01	8.24	9.73	2.35	3.38	3.62	7.45	9
		Medium	kW	1.97	3.55	4.61	5.36	6.11	8.61	1.85	2.83	3.38	6.6	8.48
		Low	kW	1.7	2.39	3.4	4.64	5.16	6.34	1.56	2.01	2.58	4.73	5.83
	Sensible capacity	High	kW	2.14	3.18	3.79	5.29	6.1	7.35	1.94	3.38	3.02	5.81	6.98
		Medium	kW	1.6	2.53	3.44	3.99	4.37	6.4	1.49	2.22	2.77	5.04	6.56
		Low	kW	1.33	1.66	2.43	3.42	3.68	4.59	1.24	1.49	2	3.47	4.29
Heating capacity (standard conditions)	High	kW	3.1	4.3	5.35	8.17	9.18	11.1	3.55	4.22	4.81	10.6	12.4	
	Medium	kW	2.33	3.44	4.92	6.06	6.53	9.53	2.88	3.62	4.54	9.6	11.7	
	Low	kW	1.97	2.29	3.49	5.16	5.22	6.71	2.53	2.75	3.67	7.20	8.64	
Power input	High	kW	0.04	0.05	0.09	0.11		0.15	0.04	0.05	0.09	0.11	0.15	
	Medium	kW	0.02	0.04	0.07	0.06		0.11	0.02	0.04	0.07	0.06	0.11	
	Low	kW	0.02	0.03	0.06	0.05		0.06	0.02	0.03	0.06	0.05	0.06	
Dimensions	Unit	Height	mm	298			350			298			350	
		Width	mm	577			793			577			793	
		Depth	mm	577			793			577			793	
Weight	Unit		kg	23			43			23			43	
Casing	Material			Galvanised steel										
Decoration panel	Dimensions	Height	mm	41			75			41			75	
		Width	mm	730			860			730			860	
		Depth	mm	730			860			730			860	
		Weight	kg	2.5			5			2.5			5	
Air Filter	Type			Honeycomb polypropylene										
Fan	Type			Backward Centrifugal										
	Quantity			1										
	Air flow rate	High	m³/h	557	640	805	1,494	1,380	1,651	533	640	805	1,380	1,651
		Medium	m³/h	379	487	717	997	902	1,380	366	487	717	1,147	1,544
Total sound power level	High	Low	m³/h	297	306	479	801	718	902	289	306	479	718	902
		Medium	dBA	45	50	58	51		56	45	50	58	51	56
		Low	dBA	37	44	55	40		51	37	44	55	40	51
Sound pressure level	High	Medium	dBA	33	40	47	35		40	33	40	47	35	40
		Low	dBA	37	42	50	43		48	37	42	50	43	48
		Medium	dBA	29	36	47	32		43	29	36	47	32	43
Water flow	Cooling	Low	dBA	25	32	39	27		32	25	32	39	27	32
		High	l/h	441	749	873	1,223	1,434	1,696	410	589	637	1,299	1,571
		Medium	l/h	342	616	803	930	1,060	1,498	321	493	593	1,148	1,477
Piping connections	Water	Low	l/h	295	416	593	805	893	1,097	271	351	453	822	1,010
		High	l/h	539	747	930	1,420	1,596	1,930	311	369	421	929	1,083
		Medium	l/h	404	597	855	1,053	1,136	1,656	258	317	398	840	1,026
		Low	l/h	342	399	607	897	908	1,167	222	241	322	634	757
Allowed water temperature	Cooling	Min	°C	5										
	Heating	Max	°C	70										
Control systems	Wired remote control	Inlet		1/2"			3/4"			1/2"			3/4"	
		Outlet		1/2"			3/4"			1/2"			3/4"	
		Drain	OD	mm	10									
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/230										
Maximum absorbed current			A	0.2		0.4	0.7		0.2		0.4	0.7		
Control systems			Wired remote control	FWEC3A/FWEDA/SHINKA/FWEC2T/4T										

For standard conditions refer to the Measuring Conditions table, at the end of this catalogue



CLIMATE DESIGN D.O.O. Javorska 6, 11226 Beograd,
Tel: +38162290789, +38162290599
E-mail: veleprodaja@climatedesign.rs, www.climatedesign.rs

