

Fan Coil Units FWS-AT/AF



Concealed flexi type unit

- BLDC fan motor unit for horizontal or vertical concealed mounting. Continuous air flow regulation and fan speed modulation
- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- 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
- Available static pressure up to 50Pa at maximum speed



Indoor unit				FWS-AT/AF	02	03	06	08	02	03	06	08	
					2-pipe				4-pipe				
Cooling capacity (standard conditions)	Total capacity	High	kW	1.94	2.91	4.48	7.93	1.77	2.86	4.64	7.79		
		Medium	kW	1.69	2.37	3.64	6.2	1.55	2.32	3.79	6.12		
		Low	kW	1.35	1.75	2.99	4.1	1.25	1.72	3.10	4.06		
	Sensible capacity	High	kW	1.49	2.09	3.62	5.87	1.44	2.06	3.54	5.76		
		Medium	kW	1.30	1.69	2.90	4.59	1.21	1.65	2.85	4.54		
Heating capacity (standard conditions)	Low		kW	1.04	1.25	2.31	3.04	0.97	1.23	2.27	3.01		
	High	kW	2.15	2.94	4.88	8.37	1.76	2.68	4.64	7.35			
	Medium	kW	1.81	2.37	4.11	6.53	1.56	2.31	4.07	6.29			
Power input	Low		kW	150	1.76	3.36	4.39	1.36	1.88	3.55	4.85		
	High	kW	0.019	0.016	0.033	0.087	0.019	0.016	0.033	0.087			
	Medium	kW	0.01		0.02	0.038	0.01		0.02	0.038			
Low				0.01				0.013	0.01			0.013	
FCEER				B	A				B	A			B
FCCOP				B	A				B	A			B
Dimensions	Unit	HeightxWidthxLength		mm	535x584x224	535x794x224	535x1000x224	535x1214x249	535x584x224	535x794x224	535x1000x224	535x1214x249	
Air filter	Unit			kg	16.9	22.1	26.6	35.4	16.9	22.1	26.6	35.4	
Fan	Type	Polypropylene net											
	Type	Centrifugal											
	Quantity												
	Air flow rate	High	m³/h	344	442	785	1393	327	431	763	1362		
		Medium	m³/h	271	341	605	1022	261	332	593	1007		
		Low	m³/h	211	241	470	642	205	237	460	636		
Total sound power level	High	dBA	50.0	48.0	56.0	67.0	50.0	47.0	58.0	66.0			
	Medium	dBA	44.0	42.0	49.0	60.0	44.0	41.0	53.0	58.0			
	Low	dBA	40.0	36.0	43.0	49.0	38.0	33.0	48.0				
Sound pressure level	High	dBA	45.0	43.0	51.0	62.0	45.0	42.0	54.0	61.0			
	Medium	dBA	39.0	37.0	44.0	55.0	39.0	36.0	48.0	53.0			
	Low	dBA	35.0	31.0	38.0	44.0	33.0	28.0	43.0				
Electric heater	Power input (Optional)		kW	15	1.6	2.0	-	15	1.6	2.0	-		
Piping connections	Drain	OD	mm	16									
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/230									
Control systems	Wired remote control			FWEC3A/FWEDA/SHINKA/FWEC10									

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



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