

Fan Coil Units FWM-DAT/DAF



Concealed flexi type unit

- AC fan motor unit for horizontal or vertical concealed mounting
- Quick fixing system for wall or ceiling mounted installation
- Pre-assembled 3-way/4-port on/off valves are available
- Valve packages are insulated, no extra drain pan required
- Valve packages contain balancing valves and sensor pocket
- Fast-on connections for electrical options: no tools needed
- The air filter can easily be removed for cleaning
- Electric heater: no relay up to 2kW capacity
- Electric heater: equipped with two overheat cut-out thermostats
- Available static pressure up to 50Pa at maximum speed



				01				15				02				25				03				35				04				06				08				10				01				15				02				25				03				35				04				06				08				10			
Indoor unit				FWM-DAT/DAF				2-pipe																4-pipe																																																											
Cooling capacity (standard conditions)	Total capacity	High	kW	150	169	191	236	287	345	4.23	4.41	6.53	7.78	1.42	1.64	1.74	2.32	2.81	3.36	4.16	4.57	6.46	7.64																																																												
		Medium	kW	121	148	166	199	234	258	3.21	3.59	5.14	6.07	1.11	1.44	1.52	1.96	2.29	2.54	3.17	3.74	5.10	5.99																																																												
		Low	kW	102	124	134	157	173	194	2.47	2.95	3.88	4.00	0.97	1.22	1.24	1.55	1.70	1.92	2.44	3.06	3.84	3.96																																																												
	Sensible capacity	High	kW	116	125	137	182	2.05	2.69	3.05	3.55	4.73	5.72	1.10	1.22	1.41	1.79	2.01	2.61	2.99	3.47	4.67	5.61																																																												
		Medium	kW	0.94	1.10	1.20	1.53	1.66	1.99	2.39	2.85	3.70	4.46	0.87	1.07	1.18	1.50	1.62	1.96	2.36	2.80	3.67	4.40																																																												
		Low	kW	0.77	0.93	0.98	1.15	1.23	1.41	1.76	2.27	2.75	2.94	0.73	0.91	0.96	1.14	1.21	1.40	1.74	2.23	2.73	2.91																																																												
Heating capacity (standard conditions)	High	kW	182	184	2.15	2.70	2.94	4.05	4.24	4.98	6.49	8.37	1.66	1.76	2.53	2.68	4.20	3.82	4.64	6.97	7.35																																																														
	Medium	kW	148	172	181	2.26	2.37	3.13	3.24	4.08	5.17	6.53	1.49	1.56	2.18	2.31	3.47	3.22	4.07	6.02	6.29																																																														
	Low	kW	121	145	150	1.74	1.76	2.39	2.47	3.31	3.97	4.39	1.31	1.36	1.78	1.88	2.82	2.73	3.55	5.02	4.85																																																														
Power input	High	kW	0.037	0.053	0.057	0.056	0.065	0.098	0.182	0.244	0.037	0.053	0.057	0.056	0.065	0.098	0.182	0.244																																																																	
	Medium	kW	0.03	0.04	0.04	0.05	0.06	0.07	0.13	0.17	0.03	0.04	0.04	0.05	0.06	0.07	0.13	0.17																																																																	
	Low	kW	0.02	0.03	0.02	0.03	0.04	0.05	0.09	0.11	0.02	0.03	0.02	0.03	0.04	0.05	0.09	0.11																																																																	
Dimensions	Unit	HeightxWidthxLength	mm	535x584x224				535x794x224				535x1,000x224				535x1,210x249				535x584x224				535x794x224				535x1,000x224				535x1,210x249																																																			
Weight	Unit		kg	16.5				16.9				21.4				22.1				26.3				26.4				26.6				35.4																																																			
Air filter	Type			Polypropylene net																																																																															
Fan	Type			Centrifugal																																																																															
	Quantity			1										2																																																																					
	Air flow rate	High	m³/h	319	344	442	640	706	785	1,011	1,139	307	330	327	432	431	628	690	763	998	1,362																																																														
		Medium	m³/h	233	271	341	450	497	605	771	1,022	225	261	334	332	444	490	593	765	1,007																																																															
Low	m³/h	178	211	241	320	361	470	570	642	174	205	238	237	316	356	460	565	636																																																																	
Total sound power level	High	dBA	470	49.0	50.0	48.0	52.0	53.0	56.0	61.0	67.0	45.0	49.0	50.0	48.0	47.0	53.0	56.0	58.0	60.0	66.0																																																														
	Medium	dBA	42.0	44.0	43.0	42.0	43.0	49.0	54.0	60.0	39.0	44.0	43.0	41.0	45.0	46.0	53.0	54.0	58.0																																																																
	Low	dBA	37.0	38.0	40.0	35.0	36.0	35.0	43.0	47.0	49.0	33.0	40.0	38.0	34.0	33.0	36.0	39.0	48.0	46.0	48.0																																																														
Sound pressure level	High	dBA	42.0	44.0	45.0	43.0	47.0	48.0	51.0	56.0	62.0	40.0	44.0	45.0	43.0	42.0	46.0	51.0	54.0	55.0	61.0																																																														
	Medium	dBA	37.0	39.0	38.0	37.0	38.0	44.0	49.0	55.0	34.0	39.0	38.0	36.0	38.0	41.0	48.0	49.0	53.0																																																																
	Low	dBA	32.0	33.0	35.0	30.0	31.0	30.0	38.0	42.0	44.0	28.0	33.0	29.0	28.0	29.0	32.0	43.0	41.0	43.0																																																															
Electric heater	Power input (Optional)		kW	1.0		1.5		1.6		2.0		3.0		1.0		1.5		1.6		2.0		3.0																																																													
Piping connections	Drain	OD	mm	16																																																																															
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/230																																																																															
Control systems	Wired remote control			FWEC3A/FWEDA/SHINKA/FWEC2T/4T																																																																															

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



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