

Concealed flexi type unit

FWM-DAT/DAF



AC fan motor unit for horizontal or vertical concealed mounting

- › Pre-assembled 3-way/4-port on/off valves are available
- › Valve packages are insulated, no extra drain pan required
- › Fast-on connections for electrical options: no tools needed
- › High efficiency heat exchanger
- › Valve packages contain balancing valves and sensor pocket
- › Washable air filter, easily removable for maintenance

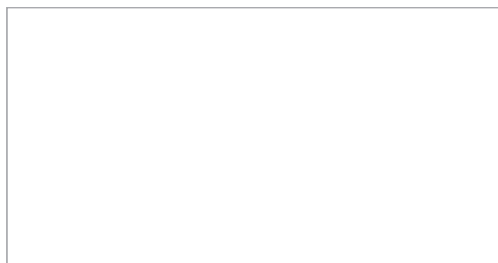
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FWM-DAT/DAF				01	15	02	25	03	35	04	06	08	10	01	15	02	25	03	35	04	06	08	10
				2-pipe										4-pipe									
Cooling capacity	Total capacity	High	kW	1.54	1.74	1.96	2.42	2.93	3.51	4.33	4.77	6.71	8.02	1.46	1.69	1.79	2.38	2.87	3.46	4.26	4.67	6.64	7.88
		Low	kW	1.04	1.26	1.36	1.60	1.76	1.98	2.51	3.17	3.97	4.11	0.99	1.24	1.26	1.58	1.73	1.96	2.48	3.11	3.93	4.07
	Sensible capacity	High	kW	1.20	1.30	1.42	1.88	2.11	2.72	3.15	3.65	4.91	5.96	1.14	1.27	1.46	1.85	2.07	2.71	3.09	3.57	4.85	5.85
		Low	kW	0.79	0.95	1.00	1.18	1.26	1.45	1.80	2.32	2.84	3.05	0.75	0.93	0.98	1.17	1.24	1.44	1.78	2.28	2.82	3.02
Heating capacity	2-Pipe	High	kW	2.14	2.20	2.57	3.20	3.81	4.78	5.10	5.95	7.83	10.03										
		Low	kW	1.43	1.71	1.79	2.07	2.28	2.81	2.98	3.96	4.77	5.24										
	4-Pipe	High	kW											1.90	2.02	2.01	2.92	3.08	4.80	5.05	5.30	7.91	8.35
		Low	kW											1.50	1.56	2.06	2.18	3.21	3.60	4.04	5.69	5.50	
Power input	High	W	37	53	57	56	98	182	244	37	53	57	56	98	182	244							
	Low	W	21	25	24	29	37	38	47	86	109	21	25	24	29	37	38	47	86	109			
Dimensions	Unit	Height	mm	535																			
		Width	mm	584	794	1,004	1,214	584	794	1,004	1,214												
		Depth	mm	224				249				224				249							
Weight	Unit	kg	14	15	19	23	32	15	16	20	25	34											
Heat exchanger	Water volume	l	0.5	0.7	1	1.4	2.1	0.5	0.7	1	1.4	2.1											
Additional heat exchanger	Water volume	l											0.2	0.3	0.4	0.6							
Water flow	Cooling	l/h	264	298	337	415	504	602	743	818	1,152	1,376	250	291	176	409	494	594	730	803	1,138	1,362	
	Heating	l/h	264	298	337	415	504	602	743	818	1,152	1,376	167	177	182	257	270	421	443	465	694	733	
Fan	Type	Centrifugal multi-blade, double suction																					
	Quantity	1					2					1					2						
	Air flow rate	High	m ³ /h	319	344	442	640	706	785	1,011	1,393	307	330	327	432	431	628	690	763	998	1,362		
	Low	m ³ /h	178	211	241	320	361	470	570	642	174	205	238	316	356	460	565	636					
Sound power level	High	dB(A)	47	49	50	48	52	53	56	61	67	45	49	50	48	47	51	56	59	60	66		
Piping connections	Drain	OD	17																				
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/230																				
Current input	High	A	0.17	0.24	0.26	0.25	0.44	0.43	0.82	1.10	0.17	0.24	0.26	0.25	0.44	0.43	0.82	1.10					
	Medium	A	0.13	0.16	0.21	0.20	0.29	0.31	0.57	0.76	0.13	0.16	0.21	0.20	0.29	0.31	0.57	0.76					
	Low	A	0.10	0.12	0.11	0.14	0.19	0.22	0.39	0.50	0.10	0.12	0.11	0.14	0.19	0.22	0.39	0.50					
Control systems	Wired remote control	FWEC1A / FWEC2A / FWEC3A																					

(1) Cooling: entering evaporator water temp. 12°C; leaving evaporator water temp. 7°C; ambient air temp. 35°C; full load operation.

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