

Fan Coil Units FWL-DAT/DAF



Flexi type unit

- AC fan motor unit for horizontal or vertical 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



Indoor unit			FWL-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 (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	205	269	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	215	270	294	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	226	237	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	174	176	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	0.037	0.053	0.057	0.056	0.065
	Medium	kW	0.03	0.04	0.04	0.05	0.06	0.07	0.13	0.17	0.03	0.04	0.05	0.06	0.07	0.13	0.17	0.03	0.04	0.05	0.06	0.07	0.13
	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	0.02	0.03	0.02	0.03	0.04
Dimensions	Unit	HeightxWidthxLength	mm	564x774x246	564x984x246	564x1190x246	564x1400x271	564x1400x271	564x1400x271	564x1400x271	564x1400x271	564x1400x271	564x1400x271	564x1400x271	564x1400x271	564x1400x271	564x1400x271	564x1400x271	564x1400x271	564x1400x271	564x1400x271	564x1400x271	564x1400x271
Weight	Unit		kg	20.6	21.2	26.5	27.5	32.5	33.5	33.6	43.1	43.1	43.1	20.6	21.2	26.5	27.5	32.5	33.5	33.6	43.1	43.1	43.1
Casing	Colour			White - RAL9010																			
Air filter	Type			Polypropylene net																			
Fan	Type			Centrifugal																			
Total sound power level	Quantity																						
	Air flow rate	High	m³/h	319	344	442	640	706	785	1,011	1,393	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			
Sound pressure level	High	dBA	47.0	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	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		
	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		
Electric heater	Power input (Optional)	kW	1.0	15	16	2.0	3.0	4.0	28.0	33.0	29.0	28.0	29.0	32.0	43.0	41.0	43.0						
	Drain	mm																					
	OD	mm																					
Piping connections	Phase/Frequency/Voltage	Hz/V																					
Power supply																							
Control systems	Wired remote control																						

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



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