

Fan Coil Units FWC-DT/DF



Open protocol 3x3 Cassette

- BLDC fan motor for a precise control of operation
- 4-way air discharge
- Reduced energy consumption thanks to specially developed heat exchanger, DC fan motor and drain pump
- Optional fresh air intake
- Open protocol unit allows controller integration
- Standard drain pump with 835mm lift increases flexibility and installation speed
- Unit fits into standard 900x900 architectural modules
- Widest choice ever in decoration panels: designer panels in white (RAL9010) and black (RAL9005) and standard panels in white (RAL9010).
- Availability of 2-way or 3-way valves with ON-OFF actuator factory mounted



Indoor Unit			FWC/FWC	06DF	07DF	08DF	09DF	06DT	07DT	08DT	09DT
Cooling capacity (standard conditions)	Total capacity 2-pipe	High	kW	-				6.34	7.53	8.7	9.66
		Medium	kW	-				4.98	5.74	6.44	6.89
		Low	kW	-				4.06	4.51	4.81	4.88
	Total capacity 4-pipe	High	kW	6.01	7.15	8.41	9.58	-			
		Medium	kW	4.76	5.45	6.16	6.69	-			
		Low	kW	3.96	4.35	4.68	4.85	-			
	Sensible capacity 2-pipe	High	kW	-				4.9	5.87	6.87	7.84
		Medium	kW	-				3.8	4.42	5.02	5.41
		Low	kW	-				3.04	3.38	3.63	3.69
	Sensible capacity 4-pipe	High	kW	4.58	5.58	6.66	7.79	-			
		Medium	kW	3.59	4.17	4.75	5.28	-			
		Low	kW	2.93	3.26	3.52	3.64	-			
Heating capacity (standard conditions)	Latent capacity 2-pipe	High	kW	-				1.44	1.66	1.83	1.82
		Medium	kW	-				-			
		Low	kW	-				-			
	Latent capacity 4-pipe	High	kW	1.48	1.57	1.75	1.79	-			
		Medium	kW	-				-			
		Low	kW	-				-			
	Capacity 2-pipe	High	kW	-				6.79	8.14	9.51	10.7
		Medium	kW	-				5.2	6.05	6.83	7.36
		Low	kW	-				4.15	4.62	4.94	5.02
	Capacity 4-pipe	High	kW	7.47	8.82	10.21	11.47	-			
		Medium	kW	5.9	6.74	7.52	8.08	-			
		Low	kW	4.87	5.34	5.65	5.77	-			
Power input			kW	0.043	0.069	0.102	0.165	0.045	0.071	0.104	0.167
			kW	0.02				0.02		0.03	
FCEER				182	174	160	137	174	170	156	133
FCCOP				225	216	196	167	179	177	164	141
FCEER CLASS				B							
FCCOP CLASS				B							
Dimensions			mm	287x837x921							
Weight			kg	27							
Fan	Air flow rate	High	m³/h	1,051	1,296	1,563	1,816	1,080	1,336	1,615	1,881
		Medium	m³/h	782	920	1,053	1,143	798	943	1,081	1,176
		Low	m³/h	614	686	734	743	621	697	747	757
Total sound power level	High	High	dBA	46	52	57	62	46	52	56	61
		Medium	dBA	39	43	46	50	38	42	46	49
		Low	dBA	35	36	37	40	35		36	39
Sound pressure level	High	dBA	33	39	44	49	33	39	43	48	
	Medium	dBA	26	30	33	37	25	29	33	36	
Sound pressure level	Low	dBA	22	23	24	27	22		23	26	
Water flow	Cooling	High	l/h	1,090	1,295	1,496	1,647	1,090	1,295	1,496	1,661
		Medium	l/h	856	987	1,107	1,130	856	987	1,107	1,184
		Low	l/h	698	776	827	833	698	776	827	839
	Heating	High	l/h	642	759	877	986	1,167	1,400	1,635	1,841
		Medium	l/h	508	580	646	695	894	1,040	1,175	1,266
		Low	l/h	419	459	486	496	713	794	850	863
Piping connections Drain			mm	VP25 (External dia.32; internal dia. 25)							
Power supply			Hz/V	1~/50/230							

Cooling: air 27°CDB, 19°CWB; entering water 7°C; leaving water 12°C | Heating: 2 pipe: air 20°CDB, 15°CWB; entering water 45°C; leaving water 40°C | Heating: 4 pipe: air 20°CDB, 15°CWB; entering water 65°C; leaving water 55°C | Do not let water of less than 5°C or more than 90°C enter the unit, this may damage the unit | Airflow: 20°C DB, 15°C WB; 230V 50Hz 0Pa



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