

Fan Coil Units FWF-DT/DF



Open protocol 2x2 Cassette

- BLDC fan motor unit for ceiling mounting
- 4-way air discharge
- Compact casing (570mm in width and length) enables unit to fit flush into ceilings and match standard architectural modules, without cutting ceiling tiles
- Modern ABS or fully-flat design air intake grille
- Reliability and sturdiness in a compact design
- Condensate drainage pump up to 835mm lift
- Wide range of controllers with the open protocol
- Availability of 2-way or 3-way valves with ON-OFF actuator factory mounted



Indoor Unit			FWF	02DF	02DT	03DT	03DF	04DF	04DT	05DT	05DF
Cooling capacity (standard conditions)	Total capacity 2-pipe	High	kW	-	2.00	3.00	-	-	4.07	5.10	-
		Medium	kW	-	1.67	2.78	-	-	3.41	4.16	-
		Low	kW	-	1.30	2.37	-	-	2.65	2.93	-
	Total capacity 4-pipe	High	kW	2.00	-	-	3.00	4.00	-	-	5.02
		Medium	kW	1.71	-	-	2.77	3.33	-	-	4.00
		Low	kW	1.44	-	-	2.30	2.58	-	-	2.64
	Sensible capacity 2-pipe	High	kW	-	1.76	2.31	-	-	3.01	3.88	-
		Medium	kW	-	1.48	2.08	-	-	2.49	3.08	-
		Low	kW	-	1.09	1.75	-	-	1.91	2.11	-
	Sensible capacity 4-pipe	High	kW	1.76	-	-	2.19	2.88	-	-	3.67
		Medium	kW	1.46	-	-	1.99	2.33	-	-	2.88
		Low	kW	1.20	-	-	1.61	1.78	-	-	1.85
Latent capacity 2-pipe	High	kW	-	0.24	0.69	-	-	1.06	1.22	-	
	High	kW	0.24	-	-	0.81	1.12	-	-	1.35	
Heating capacity (standard conditions)	Capacity 2-pipe	High	kW	-	2.54	3.30	-	-	4.26	5.74	-
		Medium	kW	-	2.05	2.96	-	-	3.48	4.34	-
		Low	kW	-	1.56	2.44	-	-	2.69	2.95	-
	Capacity 4-pipe	High	kW	3.31	-	-	4.15	4.59	-	-	5.64
		Medium	kW	2.77	-	-	3.61	3.75	-	-	4.32
		Low	kW	2.23	-	-	2.78	2.90	-	-	2.99
Power input		kW	0.017	0.018	0.019		0.024		0.045	0.047	
		kW	0.01			0.02		0.01	0.02		
FCEER				129	121	188	196	174	180	120	130
FCCOP				220	156	197	198	198	194	128	174
FCEER CLASS				B		A	B				
FCCOP CLASS				B	C	B				C	B
Dimensions	Unit	HeightxWidthxDepth	mm	260x642x575							
Weight	Unit		kg	16.0	14.5	15.5	17.0		15.5		17.0
Fan	Type			Turbo fan							
	Quantity			1							
	Air flow rate	High	m³/h	477	498	516	534	612	623	860	847
		Medium	m³/h	389	388	455	463	487	496	634	607
Total sound power level		Low	m³/h	301	278	363	356	361	369	408	367
		High	dBA	41.0		42.0	44.0	48.0	47.0	54.0	56.0
		Medium	dBA	37.0		39.0	40.0	43.0	41.0	46.0	48.0
Sound pressure level		Low	dBA	34.0	33.0	36.0		38.0	36.0	39.0	40.0
		High	dBA	27.0		28.0	30.0	34.0	33.0	40.0	42.0
		Medium	dBA	23.0		25.0	26.0	29.0	27.0	32.0	34.0
Water flow	Cooling	Low	dBA	20.0	19.0	22.0		24.0	22.0	25.0	26.0
		High	l/h	345	344	515	516	687	699	878	864
		Medium	l/h	294	286	477	476	573	586	716	687
	Heating	Low	l/h	248	224	407	396	444	455	504	455
		High	l/h	285	437	568	357	395	733	987	485
		Medium	l/h	238	353	508	310	322	599	747	371
		Low	l/h	192	269	419	239	249	463	507	257
Piping connections			Drain	OD	mm	VP20 (External dia.26 / Internal dia. 20)					
Power supply			Phase/Frequency/Voltage		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 | The unit is not pre-charged. A minimal rest charge is present related to factory quality inspection | Airflow value measurements are performed at 20°C(DB)/15°C(WB) condition.



CLIMATE DESIGN D.O.O. Javorska 6, 11226 Beograd,
Tel:+38162290789, +38162290599
E-mail: veleprodaja@climatedesign.rs, www.climatedesign.rs

