

4-way blow ceiling mounted cassette

FWG-AT/AF



BLDC fan motor unit for ceiling mounting. High efficiency, continuous air flow regulation and fan speed modulation

- › Up to 70% energy savings with brushless DC motor technology compared to traditional technology
- › Instant adjustment to temperature and relative humidity changes
- › Continuous modulation of fan speed resulting in reduced sound emissions, in comparison with fixed speed AC motor fan coil units
- › Easy installation and maintenance

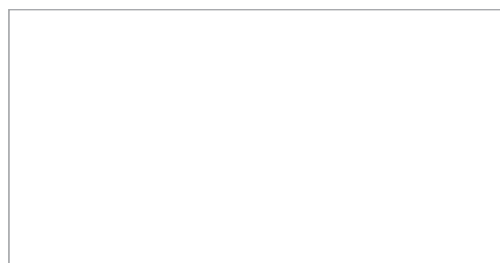
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FWG-AT/AF				05	08	11	05	08	11
				2-pipe			4-pipe		
Cooling capacity	Total capacity	High	kW	5.90	8.80	11.75	4.40	7.20	9.00
		Medium	kW	4.65	7.25	9.70	3.60	6.10	7.75
		Low	kW	3.50	5.80	7.85	2.80	5.00	6.50
		Quiet	kW	2.40	4.55	6.15	2.00	3.90	5.20
	Sensible capacity	High	kW	4.51	6.43	8.37	3.85	5.75	7.17
		Medium	kW	3.44	5.41	6.97	2.99	4.85	6.06
		Low	kW	2.54	4.26	5.54	2.24	3.81	4.90
Heating capacity	2-Pipe	High	kW	7.10	11.20	13.70	-	-	-
		Low	kW	4.45	7.00	9.25	-	-	-
		Quiet	kW	3.30	5.40	7.05	-	-	-
	4-Pipe	High	kW	-	-	-	7.65	11.20	15.65
		Low	kW	-	-	-	5.05	8.00	11.45
		Quiet	kW	-	-	-	3.75	6.40	9.35
	Dimensions	Unit	Height	mm	265		300	265	
Width			mm	820					
Depth			mm	820					
Weight	Unit	kg	26	28	32	26	28	32	
Heat exchanger	Water volume	l	1.36	1.97	2.35	1.36	1.97	2.35	
Water pressure drop	Cooling	High	kPa	24	20	41	18	19	32
	Heating	High	kPa	21	18	37	22	32	52
Fan	Type			Direct drive turbo fan					
	Air flow rate	High	m ³ /h	1,053	1,512	1,801	1,053	1,512	1,801
		Low	m ³ /h	595	951	1,155	595	951	1,155
Sound power level	High	dBA	46	57	59	46	57	59	
	Quiet	dBA	30	40	43	30	40	43	
Sound pressure level	High	dBA	37	47	51	37	47	51	
Piping connections	Drain	OD	mm	19.05					
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240						
Control systems	Infrared remote control		included with decoration panel						
	Wired remote control		BRC51A61						

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

Daikin Europe N.V. Naamloze Vennootschap · Zandvoordestraat 300 · 8400 Oostende · Belgium · www.daikin.eu · BE 0412 120 336 · RPR Oostende (Responsible Editor)



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