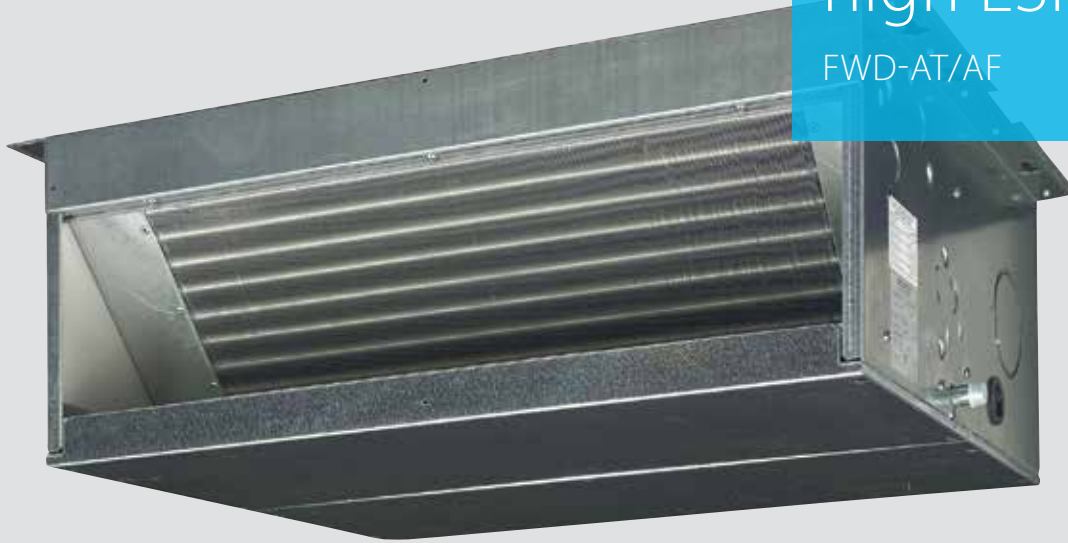


## Concealed ceiling unit with high ESP

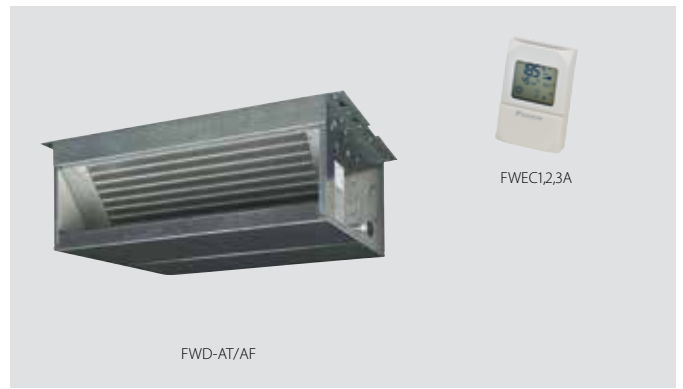
FWD-AT/AF



AC fan motor unit for horizontal or vertical  
concealed mounting

- › Straight duct connector mounted to discharge side
- › Washable air filter, easily removable for maintenance

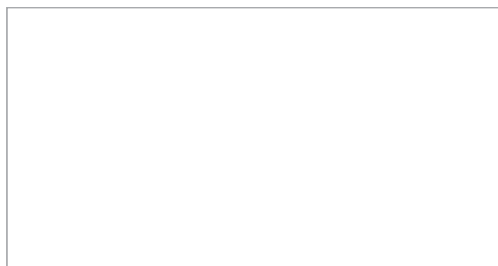
# FWD-AT/AF



FWD-AT/AF				04	06	08	10	12	16	18	04	06	08	10	12	16	18						
				2-pipe						4-pipe													
Cooling capacity	Total capacity	High	kW	3.90	6.20	7.80	8.82	11.90	16.40	18.30	3.90	6.20	7.80	8.82	11.90	16.40	18.30						
	Sensible capacity	High	kW	3.08	4.65	6.52	7.16	9.36	12.80	14.10	3.08	4.65	6.52	7.16	9.36	12.80	14.10						
Heating capacity	2-Pipe	High	kW	4.05	7.71	9.43	10.79	14.45	19.81	21.92	-												
	4-Pipe	High	kW	-						4.49	6.62	9.21	15.86	21.15									
Power input	High		W	234	349	443	714	1,197	234	349	443	714	1,197										
	Low		W	130	247	261	328	704	130	247	261	328	704										
Dimensions	Unit	Height	mm	280				352				280				352							
		Width	mm	754	964	1,174				1,384				754	964	1,174				1,384			
		Depth	mm	559				718				559				718							
Weight	Unit		kg	33	41	47	49	65	77	80	35	43	50	52	71	83	86						
Heat exchanger	Water volume		l	1.06	1.42	1.79	2.38	2.5	4.02	5.03	1.06	1.42	1.79	2.38	2.50	4.02	5.03						
Additional heat exchanger	Water volume		l	-						0.35	0.47	0.59	1.42	1.72									
Water flow	Cooling		l/h	674	1,064	1,339	1,514	2,056	2,833	3,140	674	1,064	1,339	1,514	2,056	2,833	3,140						
	Heating		l/h	674	1,064	1,339	1,514	2,056	2,833	3,140	349	581	808	1,392	1,856								
Fan	Type			Centrifugal multi-blade, double suction																			
	Quantity			1	2				1	2													
	Air flow rate	High	m <sup>3</sup> /h	800	1,250	1,600	2,200	3,000	800	1,250	1,600	2,200	3,000										
	Available pressure	High	Pa	66	58	68	64	97	145	134	63	53	63	59	92	138	128						
Sound power level	High		dB(A)	66	69	72	74	78	66	69	72	74	78										
Piping connections	Drain	OD	mm	16																			
Water connections	Std. heat exchanger		inch	3/4				1				3/4				1							
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/230																			
Current input	High		A	0.95	1.58	1.97	3.21	5.37	0.95	1.58	1.97	3.21	5.37										
	Medium		A	0.74	1.39	1.52	2.08	4.38	0.74	1.39	1.52	2.08	4.38										
	Low		A	0.57	1.18	1.20	1.50	3.26	0.57	1.18	1.20	1.50	3.26										
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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