

Concealed ceiling unit with medium ESP

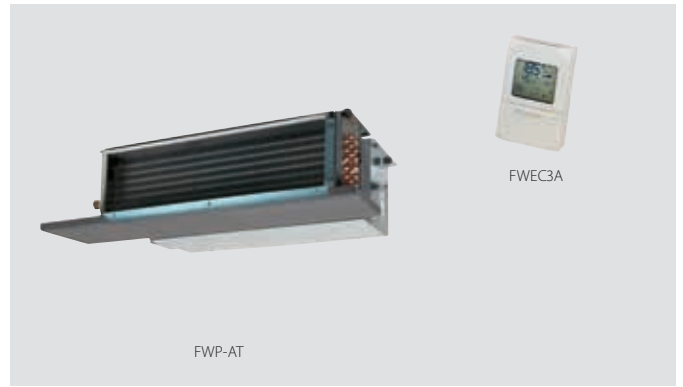
FWP-AT



BLDC fan motor unit for horizontal concealed mounting.
Continuous air flow regulation and fan speed modulation

- › Blends unobtrusively with any interior décor: only the suction and discharge grills are visible
- › Up to 50% energy savings with brushless DC motor technology compared to traditional technology
- › Instant adjustment to temperature and relative humidity changes
- › Low operating sound level
- › Highly flexible solutions: multiple sizes, piping topologies and connection valves

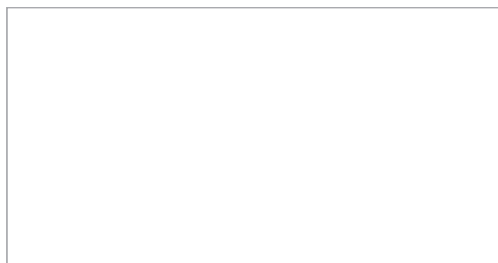
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FWP-AT				02	03	04	05	06	07
				2-pipe					
Cooling capacity	Total capacity	High	kW	2.61	3.14	3.49	5.08	5.45	6.47
		Low	kW	1.34	1.5	1.67	2.12	2.43	2.67
	Sensible capacity	High	kW	1.88	2.16	2.34	3.6	3.87	4.4
Low		kW	0.95	1.02	1.1	1.52	1.67	1.78	
Heating capacity	2-Pipe	High	kW	5.47	6.01	6.47	10.31	11.39	12.28
		Low	kW	2.77	2.91	3.00	4.56	4.77	4.94
	4-Pipe	High	kW		3.14			5.99	
Low		kW		1.95			3.38		
Power input	High	W		46.4			80		
	Low	W		12.2			17.5		
Dimensions	Unit	Height	mm	239					
		Width	mm	1,039			1,389		
		Depth	mm	609					
Weight	Unit	kg	23	24	26	31	33	35	
	Operation weight	kg	24	26	28	33	35	38	
Heat exchanger	Water volume	l	1.1	1.5	2.2	1.6	2.1	3.2	
Additional heat exchanger	Water volume	l		0.4			0.6		
Water flow	Cooling	l/h	448	539	598	873	936	1,111	
	Heating	l/h	480	527	567	904	999	1,077	
	Additional heat exchanger	l/h		275			526		
Water pressure drop	Additional heat exchanger	kPa		3			5		
Fan	Type		Centrifugal - forward blades - directly coupled on fan motor						
	Quantity		1						
	Air flow rate	High	m ³ /h	400			800		
		Low	m ³ /h	180			300		
Available pressure	High	Pa	71			65			
Sound power level	High	dBA	55.6			60.6			
Sound pressure level	High	dBA	44.1			49.1			
Electric heater	Power input	kW	2			2.5			
Piping connections	Drain	OD	16						
Water connections	Std. heat exchanger	inch	3/4						
	Add. heat exchanger	inch	3/4						
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/230						
Control systems	Wired remote control		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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