

## Concealed ceiling unit with medium ESP

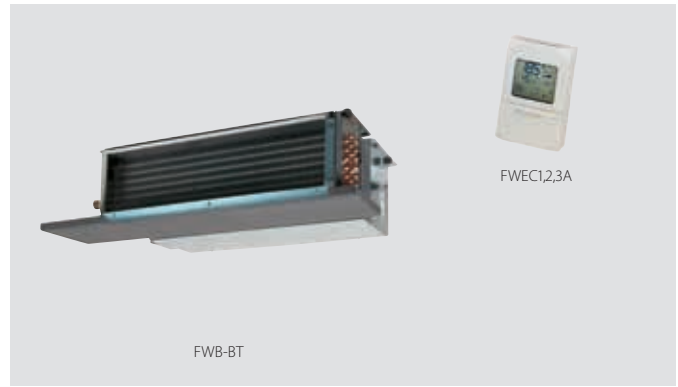
FWB-BT



### AC fan motor unit for horizontal concealed mounting

- › Compact dimensions, can easily be mounted in a narrow ceiling void (unit height: 240mm)
- › Drain pan to collect the condensate from: heat exchanger and regulating valves
- › 7-speed electrical motors (with thermal protection on windings)
- › All 7 speeds pre-wired in the factory in the terminal block of the switch box
- › Washable air filter, easily removable for maintenance

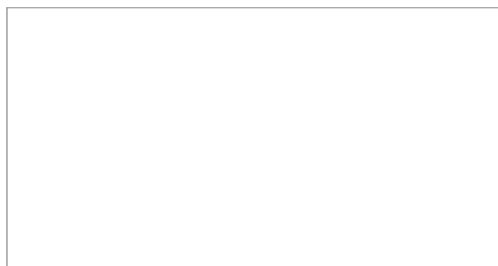
# FWB-BT



FWB-BT				02	03	04	05	06	07	08	09	10
				2-pipe								
Cooling capacity	Total capacity	High	kW	2.61	3.14	3.49	5.08	5.45	6.47	7.57	8.67	10.34
		Low	kW	1.34	1.50	1.67	2.12	2.43	2.67	4.18	4.64	5.35
	Sensible capacity	High	kW	1.88	2.16	2.34	3.6	3.87	4.4	5.23	5.96	6.9
		Low	kW	0.95	1.02	1.1	1.52	1.67	1.78	2.95	3.21	3.57
Heating capacity	2-Pipe	High	kW	5.47	6.01	6.47	10.31	11.39	12.28	15.05	16.85	18.78
		Low	kW	2.77	2.91	3.00	4.56	4.77	4.94	8.63	9.29	9.85
	4-Pipe	High	kW	3.14			5.99			12.8		
		Low	kW	1.95			3.38			7.67		
Power input	High	W	79			154			294			
	Low	W	28			64			155			
Dimensions	Unit	Height	mm				239					
		Width	mm	1,039			1,389			1,739		
		Depth	mm				609					
Weight	Unit	kg	23	24	26	31	33	35	43	45	48	
	Operation weight	kg	24	26	28	33	35	38	45	48	52	
Heat exchanger	Water volume	l	1.1	1.5	2.2	1.6	2.1	3.2	2.1	2.8	4.2	
Additional heat exchanger	Water volume	l	0.4			0.6			1.7			
Water flow	Cooling	l/h	448	539	598	873	936	1,111	1,299	1,488	1,774	
	Heating	l/h	480	527	567	904	999	1,077	1,319	1,479	1,647	
	Additional heat exchanger	l/h	275			526			1,123			
Water pressure drop	Additional heat exchanger	kPa	3			5			8			
Fan	Type	Centrifugal - forward blades - directly coupled on fan motor										
	Quantity	1			2			3				
	Air flow rate	High	m <sup>3</sup> /h	400			800			1,200		
		Low	m <sup>3</sup> /h	180			300			600		
Available pressure	High	Pa	71			65			59			
Sound power level	High	dBA	56			59			69			
Sound pressure level	High	dBA	44.5			47.5			57.5			
Electric heater	Power input	kW	2			2.5			3			
Piping connections	Drain	OD				16						
Water connections	Std. heat exchanger	inch				3/4						
	Add. heat exchanger	inch				3/4			1			
Power supply	Phase/Frequency/Voltage	Hz/V				1~/50/230						
Current input	High	A	0.36			0.73			1.28			
	Medium	A	0.21			0.60			0.90			
	Low	A	0.14			0.33			0.70			
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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