

Concealed ceiling unit with medium ESP

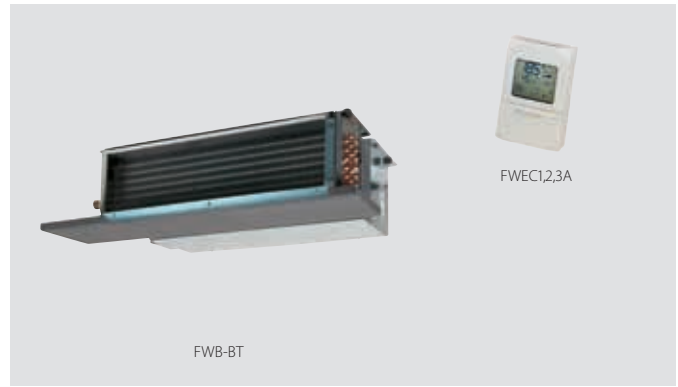
FWB-BT



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

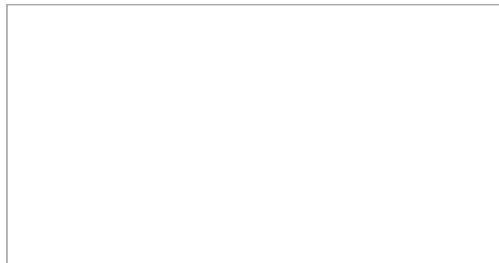
FWB-BT



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 ³ /h	400			800			1,200			
		Low	m ³ /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.

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



ECPEN15-495 03/15



Daikin Europe N.V. participates in the Eurovent Certification programme for Liquid Chilling Packages (LCP), Air handling units (AHU), Fan coil units (FCU) and variable refrigerant flow systems (VRF) Check ongoing validity of certificate online: www.eurovent-certification.com or using: www.certiflash.com



The present leaflet is drawn up by way of information only and does not constitute an offer binding upon Daikin Europe N.V. Daikin Europe N.V. has compiled the content of this leaflet to the best of its knowledge. No express or implied warranty is given for the completeness, accuracy, reliability or fitness for particular purpose of its content and the products and services presented therein. Specifications are subject to change without prior notice. Daikin Europe N.V. explicitly rejects any liability for any direct or indirect damage, in the broadest sense, arising from or related to the use and/or interpretation of this leaflet. All content is copyrighted by Daikin Europe N.V.