



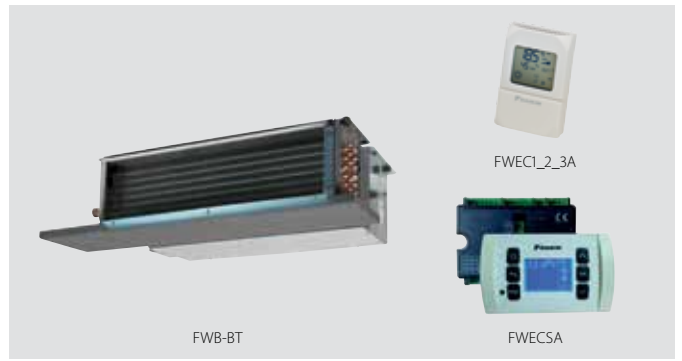
Concealed ceiling unit with medium ESP

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
- › The air filter can easily be removed for cleaning

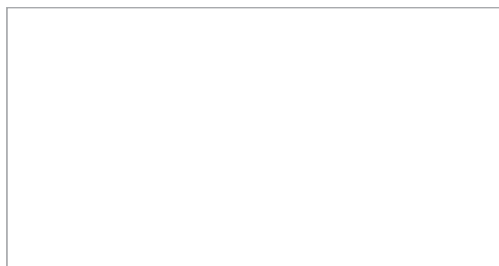
FWB-BT



			FWB-BT	02	03	04	05	06	07	08	09	10	
Cooling capacity (standard conditions)	Latent capacity 2-pipe	Fan speed 7	kW	0.67	0.92	1.06	1.35	1.41	1.87	1.80	2.09	2.63	
		Sensible capacity 2-pipe	Fan speed 1	kW	0.93	1.01	1.09	1.56	1.73	1.86	2.67	2.92	3.25
			Fan speed 2	kW	0.99	1.14	1.20	1.75	1.81	2.08	2.80	3.06	3.42
			Fan speed 3	kW	1.06	1.22	1.29	2.12	2.14	2.47	2.99	3.30	3.70
			Fan speed 4	kW	1.25	1.43	1.53	2.60	2.70	3.10	3.25	3.60	4.05
			Fan speed 5	kW	1.37	1.57	1.68	2.72	2.84	3.26	3.50	3.90	4.42
			Fan speed 6	kW	1.48	1.81	1.95	2.80	2.95	3.38	3.89	4.37	4.99
	Fan speed 7	kW	1.65	1.90	2.07	3.12	3.33	3.82	3.90	4.39	5.02		
	Total capacity 2-pipe	Fan speed 1	kW	1.33	1.49	1.67	2.17	2.52	2.80	3.83	4.26	4.94	
		Fan speed 2	kW	1.35	1.67	1.80	2.45	2.48	3.08	4.02	4.48	5.20	
		Fan speed 3	kW	1.46	1.80	1.94	2.99	2.89	3.67	4.32	4.84	5.62	
		Fan speed 4	kW	1.73	2.10	2.29	3.70	3.78	4.62	4.69	5.28	6.15	
		Fan speed 5	kW	1.91	2.31	2.53	3.87	4.00	4.86	5.08	5.74	6.72	
		Fan speed 6	kW	2.07	2.66	2.94	4.00	4.17	5.04	5.67	6.43	7.58	
Fan speed 7		kW	2.32	2.82	3.13	4.47	4.74	5.69	5.70	6.48	7.65		
Heating capacity (standard conditions)	Capacity 2-pipe	Fan speed 1	kW	1.39	1.48	1.53	2.14	2.81	2.71	4.11	4.42	4.69	
		Fan speed 2	kW	1.56	1.67	1.74	2.71	2.96	3.12	4.29	4.62	5.15	
		Fan speed 3	kW	1.68	1.80	1.88	3.23	3.45	3.64	4.59	4.96	5.31	
		Fan speed 4	kW	1.93	2.08	2.19	3.93	4.25	4.53	4.95	5.39	5.80	
		Fan speed 5	kW	2.11	2.29	2.42	4.10	4.45	4.76	5.34	5.85	6.33	
		Fan speed 6	kW	2.27	2.62	2.80	4.24	4.61	4.95	5.91	6.53	7.31	
		Fan speed 7	kW	2.54	2.80	3.00	4.70	5.15	5.56	5.95	6.57	7.18	
Power input	Fan speed 1	kW		0.03				0.08			0.16		
	Fan speed 2	kW		0.04				0.09			0.16		
	Fan speed 3	kW		0.05				0.12			0.18		
	Fan speed 4	kW		0.06				0.14			0.19		
	Fan speed 5	kW		0.07				0.16			0.22		
	Fan speed 6	kW		0.085				0.167			0.252		
	Fan speed 7	kW		0.106				0.192			0.294		
FCEER				D		C		D		D			
FCCOP													
Dimensions	Unit	Height x Width x Depth	mm	C			D			D			
Weight	Unit		kg	26.0	551 x 1,040 x 239	27.0	29.0	35.0	551 x 1,390 x 239	37.0	39.0	47.0	551 x 1,740 x 239
Heat exchanger	Water volume		l	1			2			3	2	3	4
Water flow	Cooling	Fan speed 1	l/h	219	256	283	318	400	465	683	758	874	
		Fan speed 2	l/h	238	294	316	436	440	544	717	797	920	
		Fan speed 3	l/h	259	318	342	533	516	649	772	861	996	
		Fan speed 4	l/h	307	372	403	659	647	817	839	938	1,089	
		Fan speed 5	l/h	340	410	448	690	712	859	910	1,023	1,191	
		Fan speed 6	l/h	369	471	519	715	744	894	1,015	1,147	1,344	
		Fan speed 7	l/h	418	502	555	799	847	1,009	1,028	1,162	1,363	
	Heating	Fan speed 1	l/h	242	256	265	372	448	469	714	768	815	
		Fan speed 2	l/h	272	290	302	472	515	542	746	804	895	
		Fan speed 3	l/h	292	313	327	562	600	634	797	863	923	
		Fan speed 4	l/h	335	362	381	684	739	789	861	937	1,008	
		Fan speed 5	l/h	367	399	422	713	774	828	929	1,017	1,1	
		Fan speed 6	l/h	395	456	487	738	802	860	1,028	1,134	1,24	
		Fan speed 7	l/h	442	486	521	819	898	969	1,04	1,148	1,256	
Fan	Type			Centrifugal									
	Quantity			1				2			3		
	Air flow rate	Fan speed 1	m³/h		184			283		331		572	
		Fan speed 2	m³/h		210			371		385		602	631
		Fan speed 3	m³/h		228				455			652	
		Fan speed 4	m³/h		267				576			715	
		Fan speed 5	m³/h		297				607			785	
Fan speed 6		m³/h	324		345			633			892		
Fan speed 7	m³/h		371				722			905			
Air filter	Type			Acrylic fiber - Filtering class G2 (G3 on request)									
Sound pressure level	Fan speed 1	dB(A)	36		38			39			53		
	Fan speed 2	dB(A)		40				43			54		
	Fan speed 3	dB(A)		43				47			56		
	Fan speed 4	dB(A)		46				52		59		64	
	Fan speed 5	dB(A)		50				54			64		
	Fan speed 6	dB(A)		52				56			67		
	Fan speed 7	dB(A)		58				60			69		
Total sound power level	Fan speed 1	dB(A)	31		33			34			48		
	Fan speed 2	dB(A)		35				38			49		
	Fan speed 3	dB(A)		38				42			51		
	Fan speed 4	dB(A)		41				47		54		49	
	Fan speed 5	dB(A)		45				49			59		
	Fan speed 6	dB(A)		47				51			62		
	Fan speed 7	dB(A)		53				55			64		
Electric heater	Power input		kW	2.0				2.5			3.0		
Piping connections	Drain	OD	mm					17					
Power supply	Phase/Frequency		Hz/V					1~/50					

(1) Cooling: indoor temp. 27°CDB, 19°CWB; entering water temp. 7°C, water temperature rise 5K. (2) Heating: indoor temp. 20°CDB, 15°CWB; entering water temp. 45°C, water temperature drop 5K.

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