

Specification for Ceiling Convertible Type ~ 50Hz

MODEL		FWE05E	FWE06E	FWE07E	FWE08E	FWE10E	FWE12E	
NOMINAL COOLING CAPACITY	Btu/h	15500	20300	21000	24800	33700	40000	
	W	4540	5950	6150	7270	9880	11720	
NOMINAL SENSIBLE COOLING CAPACITY	Btu/h	12700	15400	16150	COMING SOON			
	W	3720	4510	4730				
NOMINAL HEATING CAPACITY (ENTERING WATER TEMP. = 50 °C)	Btu/h	19500	25000	28000	34500	46300	51600	
	W	5720	7330	8210	10110	13570	15120	
NOMINAL TOTAL INPUT POWER	W	101	109	113				
NOMINAL RUNNING CURRENT	A	0.46	0.49	0.52				
POWER SOURCE	V/Ph/Hz	220-240 / 1 / 50						
REFRIGERANT TYPE	N/A							
CONTROL	AIR DISCHARGE OPERATION		AUTOMATIC LOUVER (UP & DOWN)					
			LCD WIRELESS MICRO-COMPUTER REMOTE CONTROL					
AIR FLOW	HIGH	CFM	520	580	620			
	MEDIUM	CFM	450	530	570			
	LOW	CFM	400	490	520			
NOMINAL WATER FLOW RATE			USGPM	3.43	4.49	4.67		
			Litres/min	13	17	17.68		
HEAD LOSS (COOLING)			kPa	27.4	48.1	57.1		
HEAD LOSS (HEATING) : 50 °C			kPa	24.2	42.1	50.2		
MAX. WORKING PRESSURE			kPa	1608				
SURFACE AIR VELOCITY			m/s	0.87	1.01	1.08		
SOUND PRESSURE LEVEL (H/M/L)			dBA	50 / 43 / 41	53 / 51 / 49	56 / 51 / 44		
UNIT DIMENSION	H X W X D	mm	212 X 1090 X 630					
PACKING DIMENSION	H X W X D	mm	297 X 1197 X 740					
UNIT WEIGHT			kg	27				
CONDENSATE DRAIN SIZE			mm	19.05				
PIPE CONNECTION			mm	12.7				
FAN	TYPE		BLOWER					
	DRIVE		DIRECT					
	FAN SPEED	HIGH	RPM	1192	1346	1380		
		MEDIUM	RPM	945	1238	1300		
LOW		RPM	871	1143	1200			
FAN MOTOR	TYPE		INDUCTION					
	INDEX OF PROTECTION (IP)		IP 22					
	INSULATION GRADE		B					
	RATED INPUT POWER	HIGH	W	101	109	113		
		MEDIUM	W	98	108	115		
		LOW	W	94	107	113		
	RATED RUNNING CURRENT	HIGH	A	0.46	0.49	0.52		
		MEDIUM	A	0.43	0.47	0.51		
		LOW	A	0.41	0.47	0.51		
	STARTING CURRENT			A	5.2	10.3	24	
MOTOR OUTPUT			W	50	65	70		
POLES			4					
COIL	TUBE	MATERIAL		COPPER				
		DIAMETER		mm	6.35			
	FIN	MATERIAL		ALUMINUM				
		FACE AREA		m <sup>2</sup>	0.27			
		ROW		3				
WATER VOLUME		Litre	1.11					
AIR QUALITY	FILTER	TYPE		WASHABLE SARANET FILTER				
		QUANTITY		pc	2			
CASING			COLOUR	WHITE				

COMING SOON

NOTE:

- A) BASED ON EUROVENT CONDITIONS
- B) ADDITIONAL 10W IS REQUIRED FOR CONDENSATE DRAIN PUMP

MODE	COOLING	HEATING
ENTERING AIR TEMPERATURE	27°C DB / 19°C WB	20°C DB
ENTERING WATER TEMPERATURE	7°C	50°C (2 Pipes System) 70°C (4 Pipes System)
LEAVING WATER TEMPERATURE	12°C	45°C (2 Pipes System) 60°C (4 Pipes System)

ALL SPECIFICATIONS ARE SUBJECT TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.