

Specification for Ceiling Cassette Type ~ 50Hz

MODEL				FWK06E	FWK08E	FWK09E	FWK11E	FWK13E	
NOMINAL COOLING CAPACITY	Btu/h			21000	25000	30000	38000	43000	
	W			6150	7330	8790	11140	12600	
NOMINAL SENSIBLE COOLING CAPACITY	Btu/h			16700	19200	22300	27400	31000	
	W			4890	5630	6540	8030	9090	
NOMINAL HEATING CAPACITY (ENTERING WATER TEMP. = 50°C)	Btu/h			28000	33600	38300	45500	52000	
	W			8210	9850	11230	13340	15240	
NOMINAL TOTAL INPUT POWER	W			95	126	167	186	227	
NOMINAL RUNNING CURRENT	A			0.44	0.55	0.74	0.85	1.03	
POWER SOURCE	V/Ph/Hz			220-240 / 1 / 50					
REFRIGERANT TYPE				N/A					
CONTROL	AIR DISCHARGE OPERATION			4 WAY AUTOMATIC LOUVER (UP & DOWN) LCD WIRELESS MICRO-COMPUTER REMOTE CONTROL					
	AIR FLOW	HIGH	CFM	750	860	890	1000	1140	
MEDIUM		CFM	620	700	720	840	1000		
LOW		CFM	480	540	570	680	840		
QUIET		CFM	320	380	420	540	700		
NOMINAL WATER FLOW RATE	USGPM			4.71	5.59	6.69	8.45	9.60	
	litres/min			17.83	21.17	25.29	31.94	36.29	
HEAD LOSS (COOLING)	kPa			20	37	22	44	53	
HEAD LOSS (HEATING) : 50°C	kPa			19	33	19	38	47	
MAX. WORKING PRESSURE	kPa			1600					
SURFACE AIR VELOCITY	m/s			0.91	1.04	1.14	1.03	1.17	
SOUND PRESSURE LEVEL (H/M/L/Q)	dBA			42/38/32/23	46/42/35/27	48/43/38/30	50/47/43/33	52/49/45/39	
UNIT DIMENSION - () WITH PANEL	H X W X D	mm			265 X 820 X 820 (340 X 990 X 990)			300 X 820 X 820 (375 X 990 X 990)	
PACKING DIMENSION - () PANEL	H X W X D	mm			341 X 916 X 916 (125 X 1020 X 1020)			376 X 916 X 916 (125 X 1020 X 1020)	
UNIT WEIGHT (UNIT + PANEL)	kg			26 + 4	26 + 4	28 + 4	32 + 4	32 + 4	
CONDENSATE DRAIN SIZE	mm			19.05					
PIPE CONNECTION	mm			19.05					
FAN	TYPE			TURBO FAN					
	DRIVE			DIRECT					
	FAN SPEED	HIGH	RPM	530	600	660	710	800	
		MEDIUM	RPM	450	500	550	610	710	
LOW		RPM	360	400	450	510	610		
FAN MOTOR	TYPE			INDUCTION					
	INDEX OF PROTECTION (IP)			IP20					
	INSULATION GRADE			B					
	RATED INPUT POWER	HIGH	W	95	126	167	186	227	
		MEDIUM	W	79	103	109	151	176	
		LOW	W	67	89	86	118	144	
	RATED RUNNING CURRENT	HIGH	A	0.44	0.55	0.74	0.85	1.03	
		MEDIUM	A	0.40	0.45	0.49	0.71	0.82	
		LOW	A	0.36	0.39	0.39	0.57	0.69	
	STARTING CURRENT	A			0.44	0.71	0.89	1.02	1.28
MOTOR OUTPUT	W			30	45	65	80	110	
POLES				8					
COIL	TUBE	MATERIAL			COPPER				
		DIAMETER			mm				
	FIN	MATERIAL			ALUMINIUM				
		FACE AREA			m ²				
		ROW							
WATER VOLUME			litre						
AIR QUALITY	FILTER	TYPE			WASHABLE SARANET FILTER				
		QUANTITY			pc				
CASING	COLOUR			LIGHT GREY					

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 SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.