

Specification for Ceiling Cassette Type ~ 50Hz (2 Pipe System)

MODEL		FWKE05E				FWKE08E				FWKE11E					
		QUIET	LOW	MEDIUM	HIGH	QUIET	LOW	MEDIUM	HIGH	QUIET	LOW	MEDIUM	HIGH		
NOMINAL COOLING CAPACITY	Btu/h	8200	11900	15900	20100	15200	19800	24700	30000	21000	26800	33100	40100		
	W	2400	3500	4650	5900	4550	5800	7250	8800	6150	7850	9700	11750		
NOMINAL SENSIBLE COOLING CAPACITY	Btu/h	5800	8700	11700	15400	11000	14500	18500	21900	14600	18900	23800	28600		
	W	1710	2540	3440	4510	3220	4260	5410	6430	4270	5540	6970	8370		
NOMINAL HEATING CAPACITY (ENTERING WATER TEMP. = 50°C)	Btu/h	11300	15200	19800	24200	18400	23900	30400	38200	24100	31600	39100	46700		
	W	3300	4450	5800	7100	5400	7000	8900	11200	7050	9250	11450	13700		
FAN INPUT POWER	W	7	12	19	37	17	26	50	90	23	39	83	120		
NOMINAL RUNNING CURRENT	A	0.11	0.13	0.19	0.26	0.19	0.28	0.43	0.74	0.21	0.35	0.55	0.95		
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	CFM	220	350	470	620	420	560	720	890	510	680	870	1060		
EXTERNAL STATIC PRESSURE (H/M/L)	Pa	N/A													
NOMINAL WATER FLOW RATE	USGPM	1.84	2.68	3.56	4.52	3.41	4.44	5.55	6.74	4.71	6.01	7.43	9.00		
	Litres/min	6.96	10.15	13.48	17.10	12.90	16.81	21.02	25.51	17.83	22.76	28.12	34.06		
HEAD LOSS (COOLING)	kPa	5	10	15	24	7	9	14	20	15	22	30	41		
HEAD LOSS (HEATING) : 50°C	kPa	4	8	13	21	5	8	12	18	12	20	26	37		
MAX. WORKING PRESSURE	kPa	1608													
SURFACE AIR VELOCITY	m/s	0.27	0.42	0.60	0.64	0.43	0.55	0.68	0.81	0.45	0.57	0.71	0.83		
SOUND PRESSURE LEVEL	dBA	16	23	31	37	31	37	42	47	34	41	46	51		
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	kg	26 + 4				28 + 4				32 + 4					
CONDENSATE DRAIN SIZE	mm	19.05													
PIPE CONNECTION	mm	19.05													
FAN	TYPE	TURBO FAN													
	DRIVE	DIRECT													
	FAN SPEED	RPM	200	280	360	450	350	440	550	660	400	510	630	750	
FAN MOTOR	TYPE	BLDC													
	INDEX OF PROTECTION (IP)	IP20				IP20				IP20					
	INSULATION GRADE	E				E				E					
	RATED RUNNING CURRENT	A	0.11	0.13	0.19	0.26	0.19	0.28	0.43	0.74	0.21	0.35	0.55	0.95	
	STARTING CURRENT	A	1.5				2.2				2.2				
	MOTOR OUTPUT	W	70				70				100				
POLES		8				8				8					
COIL	TUBE	MATERIAL	COPPER												
		DIAMETER	mm	7.00											
	FIN	MATERIAL	ALUMINUM												
		FACE AREA	m ²	0.39				0.37				0.46			
		ROW		2				3				3			
WATER VOLUME	Litre	1.36				1.97				2.35					
AIR QUALITY	FILTER	TYPE	WASHABLE SARANET FILTER												
		QUANTITY	pc	1											
CASING	COLOUR	LIGHY GREY													

NOTE:

A) BASED ON EUROVENT CONDITIONS

B) ADDITIONAL 10W IS REQUIRED FOR CONDENSATE DRAIN PUMP

C) SOUND PRESSURE LEVEL IS TESTED AS PER JIS STANDARD AS BELOW:

FWKE05E MODEL - 1.4M BELOW THE FACE CENTER OF AIR RETURN OF THE UNIT

FWKE08/11E MODEL - 1.5M BELOW THE FACE CENTER OF AIR RETURN OF THE UNIT

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.