



MODEL		MWM			
		010FW	015FW	020FW	025FW
PERFORMANCE					
Air Flow (CFM/CMH)	High	270 / 460	300 / 510	480 / 820	580 / 990
	Medium	230 / 390	270 / 460	430 / 730	485 / 820
	Low	190 / 320	230 / 390	370 / 630	380 / 650
Nominal Total Cooling Capacity	kcal/hr	2 520	3 024	4 284	5 292
	W	2 931	3 517	4 982	6 154
	Btu/hr	10 000	12 000	17 000	21 000
Sensible Cooling Capacity	kcal/hr	1 739	2 026	2 956	3 651
	W	2 022	2 356	3 438	4 247
	Btu/hr	6 900	8 040	11 730	14 490
Nominal Total Heating Capacity (Entering water Temp. : 60°C)	kcal/hr	4 032	4 536	6 552	8 064
	W	4 689	5 275	7 620	9 378
	Btu/hr	16 000	18 000	26 000	32 000
Water Flow Rate	USGPM / LITRES/M	2.00 / 7.57	2.67 / 10.11	4.22 / 15.97	5.33 / 20.18
Head Loss (Cooling)	psi / Pa	1.67 / 11,510	2.78 / 19,170	1.05 / 7,240	1.59 / 10,960
Head Loss (Heating) : 60 °C	psi / Pa	1.31 / 9,030	2.21 / 15,240	0.83 / 5,720	1.26 / 8,690
COIL					
Type	Seamless copper tube mechanically boded to aluminium slit fin.				
Tube	OD 9.52 mm, thickness 0.35 mm.				
Fin	thickness 0.11 mm				
Connection	OD 1/2" copper tube				
Number of rows / fin per inch		2 / 18	2 / 18	2 / 18	2 / 18
Max. Working Pressure	(kg/cm ²) / (psi)	16.4 / 233			
Testing Pressure	30 kg/cm ² for 1 min, leak test : 16 kg/cm ² for 5 min.				
Surface Area	m ² / ft ²	0.198 / 2.131	0.198 / 2.131	0.254 / 2.733	0.254 / 2.733
Surface Air Velocity	(m/s) / (ft/min)	0.64 / 126.70	0.72 / 140.78	0.89 / 175.63	1.08 / 212.22
MOTOR					
Type	Permanent split capacitor motor				
Power Supply	V/Ph/Hz	220 - 240 / 1 / 50			
Rated Input	W	25	26	53	57
Rated Output	W	26,4	26,4	55,2	57,6
Running Current	A	0,11	0,11	0,23	0,24
Poles	4				
Sound Level (dBA)	High Fan	38	38	45	47
	Medium Fan	34	35	42	44
	Low Fan	30	31	39	42
Control	Room Temp.	Micro-computer Controlled Thermostat			
	Air Discharge	Automatic Louver (Up & Down)			
	Operation	LCD wireless micro-computer remote control			
Condensate Drain Size	mm	19,05			
AIR FILTER					
Washable Saran Net Filter					
WEIGHT	kg	12	12	15	15
DIMENSION (H x W x D)	mm	290 x 815 x 179		306 x 1062 x 202	

Condition

Cooling capacity : Entering air temp. : 26.7 °C (80 °F) DB, 19.4 °C (67 °F) WB
 Entering water temp. : 7.2 °C (45 °F)
 Leaving water temp. : 12.8 °C (55 °F)

Heating capacity : Entering air temp. : 21.1 °C (64 °F) DB
 Entering water temp. : 60 °C (140 °F)
 Leaving water temp. : 55 °C (131 °F)