



MODEL			MRT35HPD	MRT61HPD	MRT87HPD	MRT105HPD
PowerSupply		V,Ph,Hz	380V,3Ph,50Hz	380V,3Ph,50Hz	380V,3Ph,50Hz	380V,3Ph,50Hz
Cooling	Cooling Capacity	Btu/h	120,000	208,000	300,000	360,000
		kW	35	61.0	87.0	105
	PowerInput	kW	11.7	20.8	32.7	38.5
	EER	Btu/h/W	10.3	10.0	9.2	9.4
Heating	Heating Capacity	Btu/h	124900	209800	311800	374000
		kW	36.6	61.5	91.4	109.6
	PowerInput	kW	11.0	19.3	31.7	37.5
	COP	Btu/h/W	11.4	10.9	9.8	10.0
Max. input consumption		kW	16	28.4	44.2	52.3
Max. current		A	31.2	55.4	86.2	102
Performance	Indoorfan air flow	CFM	3500	7600	11200	11200
	ESP	Pa	110	200	320	320
Indoor fan	Type		FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
	FanBrand		Guke	Guke	Guke	Guke
	Model		YFT12-12R	YFT12-12R2	YFT15-15R2	YFT15-15R2
Compressor	Type		Scroll	Scroll	Scroll	Scroll
	Brand		Copeland	Copeland	Copeland	Copeland
	Quantity		1	2	2	2
Outdoor Fan	Type		Propeller	Propeller	Propeller	Propeller
	Brand		Xingshen	Xingshen	Xingshen	Xingshen
Refrigerant	Type		R410A	R410A	R410A	R410A
	Refrigerant volume	kg	6.5	5.5+5.5	7.6+7.6	8.6+8.6
	Refrigerant Control		Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Condenser & Evaporator coil	Evaporator	Row of coil	30 Pipes/4 Rows	32 Pipes/4 Rows	44 Pipes/4 Rows	44 Pipes/4 Rows
	Condenser	Row of coil	54 Pipes/3 Rows	54 Pipes/2 Rows	54 Pipes/2 Rows	54 Pipes/3 Rows
Sound pressure level		dB(A)	71.5	76	76.8	77.9
Ambienttemperature	Cooling		16°C - 52°C	16°C - 52°C	16° C-52° C	16° C-52° C
	Heating		-10°C - 24°C	-10°C - 24°C	-10° C-24° C	-10° C-24° C
NetWeight		kg	450	760	980	1000
GrossWeight		kg	475	798	1030	1050
NetDimension	WxHxD	mm	1475x1260x1130	2200x1260x1670	2200x1260x2320	2200x1260x2320
Packing	WxHxD	mm	1495x1270x1150	2220x1270x1690	2220x1270x2340	2220x1270x2340

Notes:

- Cooling capacity test condition : Outdoor ambient temperature: 35° C, indoor temperature 26.7° C DB/19.4° C WB;
Heating capacity test condition : Outdoor ambient temperature: 7 ° C DB/6° C WB, indoor temperature 20° C DB/ 15° C WB;
- Units are suitable for operation to ± 20% of nominal CFM;
- Sound values are measured in a semi-anechoic room, at a position 1 meter in front of the unit and (1 meter+Height of unit)/2 above the floor.
- Specifications are subject to change without prior notice for product improvement.
- * Nominal ton only for reference.
- Cooling or heating capacity as per specifications.