



# Single Zone Inverter Condensing Unit

## Inversor de la unidad de condensación



### MODEL / MODELO: MRSVHT\_AS

### SPECIFICATIONS / ESPECIFICACIONES

Model			MRSVHT12AS	MRSVHT18AS	MRSVHT24AS	MRSVHT36AS	MRSVHT48AS	MRSVHT60AS
Power supply		V-Ph-Hz	208-230~1-60	208-230~1-60	208-230~1-60	208-230~1-60	208-230~1-60	208-230~1-60
Cooling	Capacity	Btu/h	12000	18000	24000	36000	48000	60000
	Capacity Range	Btu/h	2100~13450	6500~18800	6500~27800	5973~36000	12077~48000	11000~57000
Heating (47°F)	Capacity	Btu/h	12000	18000	24000	36000	48000	60000
	Capacity Range	Btu/h	1900~15000	8900~22000	12200~32200	12765~40000	11607~50000	12000~61000
MINIMUM CIRCUIT AMPACITY		A	13.0	16.0	25.0	30.0	36.5	36.5
MAX.FUSE		A	15.0	25.0	35.0	45.0	50.0	50.0
Compressor	Model		KSK103D33UEZ3	KTM240D43UKT	KTM240D43UKT	KTF310D43UMT	KTQ420D1UMU	KTQ420D1UMU
	Type		ROTARY	TWIN-ROTARY	TWIN-ROTARY	ROTARY	ROTARY	ROTARY
	Rated current(RLA)	A	6.4	14.25	17.1	23.5	28	26.5
Outdoor air flow		m3/h / CFM	2200 / 1294.12	3000 / 1764.71	3800 / 2235.29	5100 / 3000	7650 / 4500	4500 / 2647.06
Outdoor noise level		dB(A)	53.5	59	62	65	63.5	64
Outdoor Unit	Dimension(W*D*H)	mm	765 x 303 x 555	890 x 342 x 673	946 x 410 x 810	946 x 410 x 810	952 x 415 x 1333	952 x 415 x 1333
	Dimension(W*D*H)	inch	30.12 x 11.93 x 21.85	35.04 x 13.46 x 26.5	37.24 x 16.14 x 31.89	37.24 x 16.14 x 31.89	37.48 x 16.34 x 52.48	37.48 x 16.34 x 52.48
	Packing (W*D*H)	mm	887 x 337 x 610	995 x 398 x 740	1090 x 500 x 885	1090 x 500 x 885	1095 x 495 x 1480	1095 x 495 x 1480
	Packing (W*D*H)	inch	34.92 x 13.27 x 24.02	39.17 x 15.67 x 29.13	42.91 x 19.69 x 34.84	42.91 x 19.69 x 34.84	43.11 x 19.49 x 58.27	43.11 x 19.49 x 58.27
	Net/Gross weight	Kg	28.9 / 31.3	45.8 / 49	61 / 65.5	70.5 / 75.4	99.4 / 113	98.5 / 112.7
	Net/Gross weight	lbs.	63.71 / 69.00	100.97 / 108.03	134.48 / 144.40	155.42 / 166.23	219.14 / 249.12	217.15 / 248.46
Refrigerant type (R-410A)		oz	38.1	65.2	91.7	113	159	162.3
Refrigerant precharge (Total pipe length)		ft	16.4	16.4	16.4	16.4	16.4	16.4
Additional charge for each ft		oz	0.16	0.16	0.32	0.32	0.32	0.32
Design pressure		PSIG	550 / 340	550 / 340	550 / 340	550 / 340	550 / 340	550 / 340
Refrigerant piping	Liquid side/ Gas side	mm (inch)	6.35mm(1/4in)/ 12.7mm(1/2in)	6.35mm(1/4in)/ 12.7mm(1/2in)	9.52mm(3/8in)/ 15.9mm(5/8in)	9.52mm(3/8in)/ 15.9mm(5/8in)	9.52mm(3/8in)/ 15.9mm(5/8in)	9.52mm(3/8in)/ 19mm(3/4in)
	Max. length for all rooms	m / ft	25 / 82	30 / 98.4	50 / 164	65 / 213.3	65 / 213.3	65 / 213.3
	Max. length for one indoor unit	m / ft	25 / 82	30 / 98.4	50 / 164	65 / 213.3	65 / 213.3	65 / 213.3
	Max. height difference between IDU and ODU	m / ft	10 / 32.8	20 / 65.6	25 / 82	30 / 98.4	30 / 98.4	30 / 98.4
Room temperature	Cooling	°C / °F	-15~50 / 5~122	-15~50 / 5~122	-15~50 / 5~122	-15~50 / 5~122	-15~50 / 5~122	-15~50 / 5~122
	Heating	°C / °F	-15-24 / 5~75.2	-15-24 / 5~75.2	-15-24 / 5~75.2	-15-24 / 5~75.2	-15-24 / 5~75.2	-15-24 / 5~75.2