



# Cassette Heat Pump Inverter

## Casete Inverter de Bomba de Calor

### MODEL / MODELO: MCHINT\_S / MROHNT\_AS SPECIFICATIONS / ESPECIFICACIONES

Model			MCHINT12S/ MROHNT12AS	MCHINT18S/ MROHNT18AS	MCHINT24S/ MROHNT24AS	MCHINT36S/ MROHNT36AS	MCHINT48S/ MROHNT48AS
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
Cooling	Capacity	Btu/h	12,000	16,000	24,000	36,000	46,000
	EER	Btu/W	12.5	12.5	10.2	8	8.8
	<b>SEER</b>		<b>19.5</b>	<b>20</b>	<b>16.5</b>	<b>15</b>	<b>15.5</b>
Heating	Capacity	Btu/h	12000	18000	24000	36000	47000
	HSPF4		10.2	10.5	9.0	9.0	9.0
	HSPF5		8.2	8.7	7.4	7.5	7.9
Minimum Circuit Ampacity		A	1.3	1.9	2.0	1.9	2.0
Max Fuse		A	15	15	25	15	15
Indoor Fan Motor	Model		ZKFP-46-8-1	ZKFP-46-8-1	WZDK42-38G	WZDK124-38G	WZDK124-38G
	RLA	A	1.0	1.5	2	1.5	1.6
	Speed (hi/mi/lo)	r/min	680 / 580 / 500	730 / 630 / 570	600/530/460	720/630/560	720/630/560
Indoor air flow (Hi/Med/Lo)		CFM	380	550	736/647/559	1060/940/820	1190/1000/850
Indoor noise level (Hi/Mid/Lo)		dB(A)	42 / 38 / 33	44 / 40 / 38	51/47/43	52/47/44	52/48/44
Indoor Unit	Dimension (W x D x H) (body)	inch	22.44 x 22.44 x 10.24	22.44 x 22.44 x 10.24	33.07x33.07x8.07	33.07x33.07x9.65	33.07x33.07x11.3
	Packing (W x D x H) (body)	inch	25.79 x 25.79 x 11.42	25.79 x 25.79 x 11.42	35.43x35.43x8.86	35.43x35.43x10.43	35.43x35.43x11.5
	Dimension (W x D x H) (panel)	inch	25.47 x 25.47 x 1.97	25.47 x 25.47 x 1.97	37.4x37.4x2.17	37.4x37.4x2.17	37.4x37.4x2.17
	Packing (W x D x H) (panel)	inch	28.15 x 28.15 x 4.84	28.15 x 28.15 x 4.84	40.75x40.75x3.54	40.75x40.75x3.54	40.75x40.75x3.54
	Net/Gross weight (body)	lbs.	35.27 / 41	35.49 / 41.23	45.19/52.91	55.12/62.83	63.93/73.85
	Net/Gross weight (panel)	lbs.	5.51 / 9.92	5.51 / 9.92	11.02/17.64	11.02/17.64	11.02/17.64
Compressor	Model		ATM115D43UFZ2	ATF235D22UMT	DA250S2C-30MT	TNB306FPGMC-L	MNB36FAAMC-L
	Type		ROTARY	ROTARY	Twin-rotary	Twin-rotary	Twin-rotary
	Brand		GMCC	GMCC	GMCC	Mitsubishi	Mitsubishi
	Capacity	Btu/h	11430	24345	26289	33711	40603
	Input	W	870	1970	2120	3010	3520
	Rated current (RLA)	A	5.65	12.90	8.85	22	23.5
	Refrigerant oil	ml	ESTER OIL VG74 / 500	POE(VG74)/670	ESTER OIL VG74/820	1070	1400
Outdoor fan motor	Model		ZKFN-40-8-1L	ZKFN-50-8-2	WZDK72-38G	WZDK180-38G	WZDK85-38G
	RLA	A	0.38	0.42	0.55	1	1.2
	Speed	r/min	810	850	800	860	1000
Outdoor air flow (Max.)		CFM	1180	1355	2060	3240	4240
Outdoor noise level		dB(A)	57	59	60	66	64
Throttle type			Capillary +EXV	Capillary +EXV	Capillary +EXV	Capillary +EXV	Capillary +EXV
Outdoor Unit	Dimension (WxDxH)	inch	31.5 x 13.11 x 21.81	33.27 x 14.29 x 27.64	35.43 x 12.40 x 33.86	38.98 x 13.58 x 37.99	36.93 x 15.43 x 53.9
	Packing (WxDxH)	inch	36.22 x 15.35 x 24.21	37.99 x 15.55 x 29.72	41.06 x 15.55 x 36.02	44.09 x 17.13 x 43.31	43.11 x 19.49 x 59.25
	Net/ Gross weight	lbs.	88.18 / 93.7	107.4 / 115.1	130.07 / 138.89	160.94 / 182.98	220.46 / 251.33
Design pressure		PSIG	540 / 300 PSIG	550 / 340 PSIG	550 / 340	550 / 340	550 / 340
Drainage water pipe dia.		mm	ODΦ25	ODΦ25			
Refrigerant piping	Liquid side/ Gas side	mm	Φ6.35/Φ12.7 (1/4"/1/2")	Φ6.35/Φ12.7 (1/4"/1/2")	Φ9.52/Φ15.9 (3/8"/5/8")	Φ9.52/Φ15.9 (3/8"/5/8")	Φ9.52/Φ15.9 (3/8"/5/8")
	Ambient Temperature	°F	-22~122	-22~122	5~122	5~122	5~122
Operation Temperature		°F	62~86	62~86	62~86	62~86	62~86