

True Home Comfort

Inverter Technology

Variable Capacity

Heating & Air Conditioning



Your heating and air conditioning condenser.

Will work with any Furnace or Fan Coil
some conditions apply

Slim, Ultra Quiet, Easy to Use.

Introducing the *all new* Side Discharge
Inverter Heat Pump,
ideal for under the deck installation



MITSAIR Condensing unit

Distributed by



www.mitsair.com

- Available in 1 Ton, 1.5 Ton, 2 Ton, 2.5 Ton, 3 Ton, 4 Ton (12,000 btuh - 48,000 btuh)
- ultra **quiet** operation down to 55 dB(A)
- up to 20.5 SEER
- R410A refrigerant



The New Inverter Heat Pump that can operate with any Furnace or Fan Coil*

some conditions apply



Outdoor Model *			MOB30-12HFN1-MS0W	MCHSU-18PHH2	MCHSU-24PHH2	MOD30-30HFN1-MROW	MCHSU-36CSH2	MCHSU-48CSH2H
Power supply		Ph-V-Hz	208-230+60	208-230+60	208-230+60	208-230+60	208-230+60	208-230+60
Cooling	Capacity	Btu/h	12,000	16,500	24,000	30,000	36,000	48,000
	Rated current	A	4.5	NA	NA	12.5	22	23.5
	EER	Btu/w	11	12.5	12.5	10.5	8.5	8.9
	SEER	Btu/w	19	19.6	20.5	18	15.5	17.4
Heating	Capacity	Btu/h	12,000	18,000	24,000	30,000	38,000	49,500
	Rated current	A	4.3	NA	NA	13.5	22	23.5
	COP	W/W	3.43	3.48	3.22	2.83	3	3.6
	HSPF5	Btu/w	8	9.1	9.8	8.1	8.7	8.8
Electrical Wiring	MIN. CIRCUIT AMPACITY	A	15	17	20	20	30	35
	MAX.FUSE	A	15	25	30	30	50	50
Compressor	Type		INVERTER	INVERTER	INVERTER	INVERTER	INVERTER	INVERTER
	Rated current(RLA)	A	6	12.5	14	15	22	23.5
Outdoor fan motor	Input	W	58	115	150	150	150	126
	RLA	A	0.39	0.42	0.5	0.6	1	0.39
Outdoor air flow		CFM	1176	1355	2354	2530	2530	4470
Outdoor noise level		dB(A)	55	59	61	62	66	62.5
Outdoor unit	Dimension(W*D*H)	inch	31.50 x 13.11 x 21.81	33.27 x 14.29 x 27.64	37.24 x 16.54 x 31.89	37.24 x 16.14 x 31.89	37.24 x 16.14 x 31.89	37.48 x 16.34 x 52.48
	Dimension(W)	inch	31.5	33.27	37.24	37.24	37.24	37.48
	Dimension(D)	inch	13.11	14.29	16.54	16.14	16.14	16.34
	Dimension(H)	inch	21.81	27.64	31.89	31.89	31.89	52.48
	Net/Gross weight	lbs.	67.0/72.75	107.6/114.6	141.1/153.2	137.79/147.71	148.59/160.94	217.4/246.0
Refrigerant (R410-A)	Precharged for 25 feet	oz	30	44	63	97	108	148
	Additional charge (5 ft)	oz	0.8	1.6	3.2	1.6	3.2	3.2
Refrigerant piping	Line Set (Liquid/Gas)	inch	ø6.35/ø12.7(1/4"/1/2")	ø6.35/ø12.7(1/4"/1/2")	ø9.52/ø15.9(3/8"/5/8")	ø9.52/ø15.9(3/8"/5/8")	ø9.52/ø15.9(3/8"/5/8")	ø9.52/ø15.9(3/8"/5/8")
	Max. refrigerant pipe length	ft	82	98	164	164	213	213
	Max. difference in level	ft	33	66	82	82	98	98
Operation temperature	Outdoor (cooling/heating)	°F	5~122/5~86	NA	NA	5~122/5~86	5~122/5~86	5~122/5~86

*Defrost Pan Heater included

♦ Outdoor Unit includes Interface module

WARRANTY: All warranty effective from date of installation.
Labour Warranty is the responsibility of the Installing Contractor.

Side Discharge Inverter Heat Pump Condenser by Mits Airconditioning Inc.
Warranty can be registered at www.mitsair.com

- 5 years all Parts
- 5 years on Compressor

Coil by ASPEN
** Registration is required within 60 days of the installation date to upgrade to the 10 year warranty – www.aspenmfg.com

- 10 years **


Thermostat by Comfort Stat

- 5 years limited

§ All Testing and Values are per Manufacturer's testing and the use of Manufacturer's Coils.

*To register warranty on equipment, go to www.mitsair.com/warranty-registration

Distributed by:



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