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

- 1.5 Ton, 2 Ton, 3 Ton , 4 Ton available (18,000 btuh - 48,000 btuh)
- ultra **quiet** operation down to 59 dB(A)
- up to 20.5 SEER
- R410A refrigerant
- heavy gauge steel cabinet for durability

Distributed by

MITS
AIRCONDITIONING INC.
H.V.A.C. DISTRIBUTOR

www.mitsair.com

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

some conditions apply

Model			MCHSU-18PHH2	MCHSU-24PHH2	MCHSU-36CSH2	MCHSU-48CSH2H
Power supply		V-Ph-Hz	208~230~1-60	208~230~1-60	208~230~1-60	208~230-1-60
Nominal Cooling Capacity	Capacity	Btu/h	16500	24000	36000	48000
	EER§	Btu/W	12.5	12.5	8.5	8.9
	SEER§		19.6	20.5	15.5	17.4
Heating @ 47°F	Capacity	Btu/h	18000	24000	38000	49500
	COP§	W/W	3.48	3.22	3.0	3.6
	HSPF Region 4§		10.5	11.5	10.5	10.3
	HSPF Region 5§		9.1	9.8	8.7	8.8
Heating @ 17°F	Rated capacity§	Btu/h	12200	17200	25200	32000
Max. Fuse		A	25	30	50	50
Minimum circuit capacity (MCA)		A	17	20	30	35
Inverter Compressor	Type		ROTARY	ROTARY	ROTARY	ROTARY
	Input	W	1970	1970	2600	3420
	Rated current(RLA)	A	12.50	14.00	22.00	23.50
	Refrigerant oil	ml	POE(VG74)/670	POE(VG74)/670	POE(VG74)/1000	ESTER OIL VG74/1400
Outdoor fan motor	Qty		1	1	1	1+1
	Input	W	115	150	150	126
	RLA	A	0.42	0.5	1.0	0.39
	Speed	RPM	850	810	950	900
Outdoor air flow (Max.)		m3/h	2300	4000	4300	7600
Outdoor air flow (Max.)		CFM	1355	2354	2530	4470
Outdoor noise level		dB(A)	59	61	66	62.5
Refrigerant Control			Capillary + EXV	Capillary + EXV	Capillary + EXV	Capillary + EXV
Outdoor unit	Dimension (WxDxH)	mm	845x363x702	946x420x810	946x410x810	952x415x1333
		inch	33.27x14.29x27.64	37.24x16.54x31.89	37.24x16.14x31.89	37.48x16.34x52.48
	Net/gross weight	kg	48.8/52.0	64/69.5	67.4/73	98.6/111.6
		lbs	107.6/114.6	141.1/153.2	148.59/160.94	217.4/246.0
Refrigerant type / Charged volume		oz	R410A/68.9	R410A/91.7	R410A/108	R410A/148.2
Refrigerant precharge for		ft	25	25	25	25
Additional charge for each ft		oz	0.16	0.32	0.32	0.32
Design pressure		PSIG	550/340	550/340	550/340	550/340
Refrigerant piping	Liquid side/ Gas side	mm(inch)	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")
	Max. Pipe length	m	30	50	65	65
		ft	98	164	213	213
	Min. Ref. line length	m	4.5	4.5	4.5	4.5
		ft	15	15	15	15
	Max. Difference in level	m	20	25	30	30
		ft	66	82	98	98
Operational Ambient Temperature	Heating§	◦C	-17~30	-17~30	-17~30	-17~30
		◦F	1.4~86	1.4~86	1.4~86	1.4~86
Coil Model			2 Ton – CA24A2G-130L	2 Ton – CA24A2G-130L	3 Ton – CA36A2G-160L	4 Ton – CA48A2G-195L
Coil Sizes	WxDxH	inch	13x19⅜x13½	13x19⅜x13½	16x19⅜x17½	19½x19⅜x21½

*Defrost Pan Heater included

Dealer Information:

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
- **7 years Compressor**
- **5 years all Parts**

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

Thermostat by Comfort Stat - **5 years limited**

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