

MINI SPLIT SYSTEMS



PREMIER & PREMIER HYPER SERIES

DUCTED SYSTEMS

Powerful & Flexible Air Flow in a Wide Temperature Range.

KEY FEATURES:



ENERGY STAR

The Premier Hyper Inverter optimizes energy usage with systems exceeding ENERGY STAR energy efficiency and performance requirements. The result is lower electric bills along with exceptional cooling and heating.

HYPER HEATING OPERATION

Premier Hyper Duct systems are a primary heat source, with Hyper Heating down to -22F, and 100% down to -5F. Available in 9, 12, 18 and 24k systems.

LOW AMBIENT COOLING

Even when it's cold outside, but warm inside, the air conditioning will keep the area cool—perfect for server rooms and commercial kitchens.

UNIVERSAL MATCHING

Premier Hyper indoor and outdoor units offer single and multi zone compatibility in all models—up to 5 indoor units connected to 1 outdoor unit.

FLEXIBLE AIR INTAKE

Air inlet can be installed either at the back or bottom of the unit allowing for flexible installation to meet the needs of each job.

GREEN FIN ANTI-CORROSIVE COATING

An anti-corrosive coating on the condenser stands up to harsh weather, salty air and the elements, preventing build up of corrosive mold and bacteria while improving heat transfer efficiency.

POWERFUL WARRANTY

Midea stands behind your investment with a 7-year compressor, 5-year parts standard warranty.



STANDARD FEATURES

- Built-in Drain Pump
- Wired Control 120G Included
- Variable Static Pressure Control
- Mono & Multi Compatible
- Low & High Ambient Cooling
- Chassis & Compressor Heating Belts
- Auto Defrosting
- 24-Hour Timer
- Auto Restart Function

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SPECIFICATIONS:

Series		PREMIER HYPER				PREMIER	
Outdoor model		MCHSU-09PHH2	MCHSU-12PHH2	MCHSU-18PHH2	MCHSU-24PHH2	MCHSU-36CSH2	MCHSU-48CSH2
UPC		8 13084 02536 0	8 13084 02538 4	8 13084 02540 7	8 13084 02542 1	8 13084 02552 0	8 13084 02554 4
Indoor model		MEHSU-09CHD2	MEHSU-12CHD2	MEHSU-18CHD2	MEHSU-24CHD2	MEHSU-36CSD2	MEHSU-48CSD2
UPC		8 13084 02561 2	8 13084 02562 9	8 13084 02563 6	8 13084 02564 3	8 13084 02565 0	8 13084 02566 7
AHRI #		8813809	8813814	8813817	8813820	8767358	8819868
ENERGY STAR						-	-
Performance							
Nominal Cooling	BTU/H	9000 (3500-11000)	11500 (4000-13000)	16500 (4500-18000)	24000 (5500-24500)	36000 (14000-42100)	48000 (12000-54000)
Nominal Heating	BTU/H	10000 (4500-11500)	12000 (5000-13500)	18000 (5500-19000)	24000 (6000-26000)	38000 (14000-42100)	49500 (15000-57000)
Low Temp Heating @ 5°F	°F	10000	12000	18000	24000	16000	16000
SEER	BTU / KW	19	19	19.6	20.5	15.5	17.4
HSPF	BTU / KW	10.5	10.2	10.5	11.5	10.5	10.3
EER	BTU / KW	13	12.5	12.5	12.5	8.5	8.9
Cooling Operating Range	°F	-22-122	-22-122	-22-122	-22-122	5-122	5-122
Heating Operating Range	°F	-22-86	-22-86	-22-86	-22-86	5-86	5-86
Electrical							
Voltage / Phase / Frequency		208-230V ~60Hz, 1Ph	208-230V ~60Hz, 1Ph	208-230V ~60Hz, 1Ph	208-230V ~60Hz, 1Ph	208-230V ~60Hz, 1Ph	208-230V ~60Hz, 1Ph
Recommended In / Out Cable		16AWG/4 Stranded, Unshielded	16AWG/4 Stranded, Unshielded	16AWG/4 Stranded, Unshielded	16AWG/4 Stranded, Unshielded	16AWG/6 Stranded, Unshielded	16AWG/8 Stranded, Unshielded
Minimum Circuit Ampacity	Amps	9	9	18	20	30	35
Recommended Fuse Size	Amps	15	15	25	30	50	50
Specification							
Air Circulation Hi / Med / Low	CFM	335/290/240	370/320/260	520/430/360	820/620/520	1120/940/680	1470/1180/940
Static Pressure In	W.C.	0-0.18	0-0.18	0-0.28	0-0.40	0-0.40	0-0.40
Indoor Noise Level: Hi/Med/Low	DBa	39/37/33	40/38/33	36/34/30	50/46/45	53/51/47	52/49/46
Outdoor Noise Level (Cooling/Heating)	DBa	59/59	57/57	59/59	61/61	66/66	62.5/62.5
Air Direction Horizontal	Deg Angle	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Air Filter	Type	Washable	Washable	Washable	Washable	Washable	Washable
Connection	Type	Flare	Flare	Flare	Flare	Flare	Flare
Combined Length (Min/Max)	Feet	10/82	10/82	10/98	10/164	10/213	10/213
Maximum Vertical Differential	Feet	33	33	66	82	98	98
Connection Pipe Size Suction	Inches	3/8	1/2	1/2	5/8	5/8	5/8
Connection Pipe Size Discharge	Inches	1/4	1/4	1/4	3/8	3/8	3/8
Condensation Line Size	Inches	1	1	1	1	1	1
Physical							
Net Weight (Indoor / Outdoor)	LBS	39.9/87.1	39.68/88.18	50.71/107.6	57.32/141.1	76.28/148.59	94.8/217.4
Dimensions Condensing Unit H x D x W	Inches	21.81 x 13.11 x 31.50	21.81 x 13.11 x 31.50	27.64 x 13.11 x 31.50	31.89 x 16.54 x 37.24	31.89 x 16.14 x 37.24	52.48 x 16.34 x 37.48
Dimensions Evaporator H x D x W	Inches	8.27 x 25.0 x 27.56	8.27 x 25.0 x 27.56	8.27 x 25.0 x 36.22	10.63 x 25 x 36.22	10.63 x 30.51 x 44.88	11.81 x 34.06 x 47.24
Refrigerant	Oz	R410A/52.9	R410A/52.9	R410A/68.9	R410A/91.7	R410A/108	R410A/148.2
Refrigerant piping - Liquid Side / Gas side	mm (inch)	Φ6.35/Φ9.52(1/4"/3/8")	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")

Accessories	Description
A007, A008, A009, A0010	Front board kit for 9/12 (07), 18 (08), 24 (09), 36/48k (10)
90003, 90012, 90011, 90006, 90007	Filter kit for 9/12k (03), 18k (12), 24k (11), 36k (06), 48k (07)

Universal matching applies to Premier Hyper 9 ~24000 BTU/h indoor units and corresponding single and multi zone outdoor units

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