

# MINI SPLIT SYSTEMS



PREMIER & PREMIER HYPER SERIES

CASSETTES

## Unique Drop-in Design for Easy Installation in a Wide Temperature Range



Compact Round  
Flow Model

Super Slim Round  
Flow Model

### KEY FEATURES:

#### HYPER HEATING OPERATION

Premier Hyper Cassettes are a primary heat source, with Hyper Heating down to -22F, with 100% capacity 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.

#### E-BOX INSIDE

Easy maintenance with the circuit box right inside the unit. The integrated design provides a more compact size for easier installation.

#### 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
- Fresh Air Intake
- Independent Vane Control
- Optional Drop-Down Panel
- 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 02539 1	8 13084 02542 1	8 13084 02552 0	8 13084 02554 4
Indoor model		MEHSU-09CHC2	MEHSU-12CHC2	MEHSU-18CHC2	MEHSU-24CHC2	MEHSU-36CSC2	MEHSU-48CSC2
UPC		8 13084 02547 6	8 13084 02548 3	8 13084 02549 0	8 13084 02550 6	8 13084 02551 3	8 13084 02553 7
AHRI #		8813811	8813812	8813815	8813818	8767356	8856639
ENERGY STAR					-	-	-
<b>Performance</b>							
Nominal Cooling	BTU/H	9000 (3500-11000)	12000 (4000-13000)	16000 (4500-18000)	24000 (9600-28800)	36000 (9800-42000)	48000 (11600-49000)
Nominal Heating	BTU/H	10000 (4500-11500)	12000 (5000-13500)	18000 (5500-19000)	24000 (9600-28800)	38000 (9800-42000)	50000 (11600-51000)
Low Temp Heating @ 5°F	°F	10000	12000	18000	24000	16000	16000
SEER	BTU / KW	20	19.5	20	20	17.5	16.8
HSPF	BTU / KW	10.2	10.2	10.5	11.5	10.5	11
EER	BTU / KW	13	12.5	12.5	11	9	9.5
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
<b>Electrical</b>							
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/6 Stranded, Unshielded
Minimum Circuit Ampacity	Amps	9	9	18	20	30	35
Recommended Fuse Size	Amps	15	15	25	30	50	50
<b>Specification</b>							
Air Circulation Hi / Med / Low	CFM	382/331/293	380/324/279	520/449/406	878/761/625	1095/958/809	1177/1030/853
Indoor Noise Level: Hi/Med/Low	DBa	40/37/35	42/38/33	44/40/38	52/50/47	55/52/49	55/52/49
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 1/4	1 1/4	1 1/4
<b>Physical</b>							
Net Weight (Indoor / Outdoor)	LBS	31.97/87.0	35.27/88.18	35.49/107.6	46.3/141.1	58.2/148.59	63.23/217.4
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 14.29 x 33.27	31.89 / 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	10.24 x 22.44 x 22.44	10.24 x 22.44 x 22.44	10.24 x 22.44 x 22.44	8.07 x 33.07 x 33.07	9.65 x 33.07 x 33.07	11.3 x 33.07 x 33.07
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
120G2	Wired controller 12V
Drop Down Panel 02	Automatic drop down panel kit for easier filter cleaning (available in 24, 36 and 48.000 Btu/h models)
New Panel 01	Front panel for 9/12/18k BTU/h indoor units
Panel 02	Front panel for 24/36/48k BTU/h indoor units

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

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