

# Higher Static Pressure for Advanced Applications with Ultra-Slim Design

### 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 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 HANDLING

Can be assembled in horizontal or vertical installations, while air inlet is available at the back or bottom of the unit.

#### 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

- Ultra-Slim Design
- Fresh Air Intake
- 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

# MINI SPLIT SYSTEMS



## PREMIER & PREMIER HYPER SERIES

## MID-STATIC DUCTED

### SPECIFICATIONS:

Series		PREMIER HYPER		PREMIER	
Outdoor model		MCHSU-18PHH2	MCHSU-24PHH2	MCHSU-36CSH2	MCHSU-48CSH2
Indoor model		MEU-18MPH2	MEU-24MPH2	MEU-36MPT2	MEU-48MPT2
ENERGY STAR				-	-
<b>Performance</b>					
Nominal Cooling	BTU/H	16500	24000	36000	48000
Nominal Heating	BTU/H	19000	24000	40000	49500
Low Temp Heating @ 5°F	°F	19000	24000	27300	36000
SEER	BTU / KW	19.6	20.5	16.5	17.4
HSPF	BTU / KW	11	12.5	11.5	10.3
EER	BTU / KW	12.5	12.5	9	9.2
Cooling Operating Range	°F	-22-122	-22-122	5-122	5-122
Heating Operating Range	°F	-22-86	-22-86	5-86	5-86
<b>Electrical</b>					
Voltage / Phase / Frequency		208-230V, ~60Hz, 1Ph		208-230V, ~60Hz, 1Ph	
Recommended In / Out Cable		16AWG/4 Stranded, Unshielded		16AWG/4 Stranded, Unshielded	
Minimum Circuit Ampacity	Amps	18	20	30	35
Recommended Fuse Size	Amps	25	30	50	50
<b>Specification</b>					
Air Circulation Hi / Med / Low		CFM 530/450/371		CFM 1082/912/703	
Static Pressure In		W.C. 0-0.40		W.C. 0-0.64	
Indoor Noise Level: Hi		DBa 39		DBa 45	
Outdoor Noise Level (Cooling/Heating)		DBa 59		DBa 66	
Air Direction Horizontal		Deg Angle Automatic		Deg Angle Automatic	
Air Filter		Type Washable		Type Washable	
Connection		Type Flare		Type Flare	
Combined Length (Min/Max)		Feet 10/98		Feet 10/213	
Maximum Vertical Differential		Feet 66		Feet 98	
Connection Pipe Size Suction		Inches 1/2		Inches 5/8	
Connection Pipe Size Discharge		Inches 1/4		Inches 3/8	
Condensation Line Size		Inches 1		Inches 1	
<b>Physical</b>					
Net Weight (Indoor / Outdoor)		LBS 54/107.4		LBS 106/148.6	
Dimensions Condensing Unit H x D x W		Inches 33.27 x 14.29 x 27.64		Inches 37.24 x 16.14 x 31.89	
Dimensions Evaporator H x D x W		Inches 34.65 x 28.53 x 8.27		Inches 53.54 x 30.47 x 9.80	
Refrigerant		Oz R410A/68.8		Oz R410A/108	
Refrigerant piping - Liquid Side / Gas side		mm (inch) Φ6.35/Φ12.7(1/4"/1/2")		mm (inch) Φ9.52/Φ15.9(3/8"/5/8")	

Accessories	Description
90003, 90012, 90011, 90006, 90007	Filter kit for 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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Specifications subject to change without notice.

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