Midea

North America

2017 RESIDENTIAL AND LIGHT COMMERCIAL DUCTLESS

2017 V1.2

TO KNOW US IS TO TRUST US

Hello. We are Midea, the world's leading manufacturer of air conditioners and home appliances.

Just getting to know us? Midea is a publicly listed Fortune 500 company with over 100,000 employees, 21 production facilities worldwide, and 260 logistics centers.

We are present in more than 200 countries, with a North American operation that is bringing surprisingly friendly solutions to millions of consumers and businesses for over 5 years.

Those who know us trust our ongoing commitment to technological innovation and consumer driven product development. We are forever focused on the constant improvement of our offerings and also providing the best service possible. The 40+ design awards we win annually from respected global design shows are further testament to our quest to develop unique products that are a joy to use.

Let's get to know each other.

— Midea in the Americas —

From sea to shining sea and our headquarters in New Jersey and sales office in Toronto, Midea America has been bringing surprisingly friendly solutions to millions of consumers and businesses for over 5 years across the U.S. and Canada.

The newly launched $10m Midea America Research Center (MARC) just broke ground in Louisville, KY, and provides local engineering expertise to develop the best home appliance products for the U.S. and Canadian market, with world-class innovation laboratories and extensive testing equipment.

We stand behind our products with a service network that covers 95% of the continental U.S., with more than 3,600 independent repair centers.

Our state-of-the-art Customer Care Center in Miami has seen a threefold increase in call center capacity and a newly launched training center, with dedicated product teams for rapid in-field response.

It's all part of our commitment to making quality products that improve the lives of our customers.

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Why Choose a Ductless System?

Ductless systems, or "mini-splits," are a convenient, economical and energy-efficient air conditioning and heating solution that can be used in one room or easily expanded to multiple rooms.

Installing or expanding an HVAC system can be daunting and expensive with all the ductwork that has to be completed. With a ductless system you only need to run small refrigerant line sets from an outdoor unit directly to the indoor unit in rooms you want to heat or cool. Installation is faster, requires less labor and is less disruptive to your home or business.

Traditional ducted systems can be highly inefficient as more than 30% of energy can be wasted through duct loss as air travels to its destination. Ductless systems, on the other hand, avoid this energy loss. Since you can also set up and control individual zones, you can save money by only heating or cooling rooms you occupy. With highly efficient inverter systems and the condenser stationed outside, ductless systems are also a quiet solution.

Ductless systems can be an energy-saving, cost-effective solution for a variety of applications:

- New construction and renovations
- Homes and businesses
- Single or multi family
- Primary living areas
- Rooms that are always too hot or too cold
- Basements, attics, garages, additions
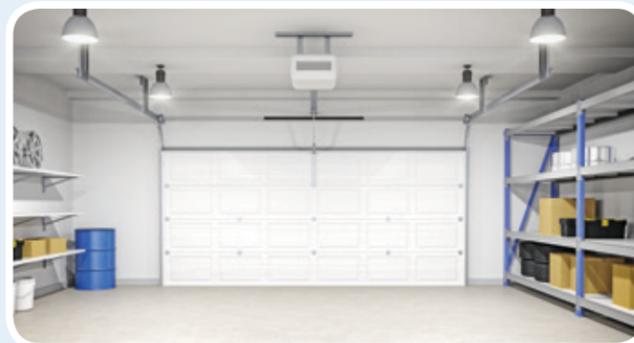
Midea Ductless Advantages

Inverter Technology
Unlike traditional compressors that turn on and off multiple times, Midea inverter compressors feature variable power that automatically adjusts the running speed to maintain the desired temperature. That way, a Midea unit runs quietly and features significant energy savings.

ENERGY STAR® Recognition
Full DC Inverter technology in the Premier Series not only allows for quieter operation but also delivers industry leading efficiency. In fact, 70% of our Premier series models are ENERGY STAR rated.

Broad Temperature Range
A Midea ductless system can be an ideal primary heating and cooling source. Our hyper heating models provide low temperature heating to a frigid -22°F (-30°C), with up to 90% of rated capacity at -13°F (-25°C), and cooling even when temperatures reach as high as 122°F (50°C).

-22°F -30°C   122°F 50°C
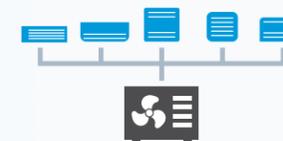
Universal Single and Multi-Zone Matching*
With multiple configurations and capacities available, you'll find the ideal combination for any single or multi-zone application. With our Premier Series' universal matching you can easily connect 1, 2, 3, 4 or 5 indoor units of all styles to a single outdoor unit to create zones that can each be kept at a specific temperature.

*Applies to Premier Hyper 9 - 24,000 BTU models, corresponding system condensers

Quality and Reliability
World-class engineering, state-of-the-art manufacturing facilities and rigid adherence to quality control standards have propelled Midea to our position as the world's leading manufacturer of air conditioners and home appliances.

WORLD'S NO. 1 AIR-TREATMENT BRAND
Source Euromonitor International Limited; per Air Treatment category definition, Consumer Appliances 17ed, retail volume sales in units, 2016 data.

Single or Multi-Zone Solutions

Midea ductless air conditioners provide an efficient, flexible and customizable heating and cooling solution for a single area of your home or business, or a multi-zone solution to individually manage several different zones while using one integrated system.

MULTI-ZONE INSTALLATION: UPPER LEVEL

PREMIER DUCTED

PREMIER MID-STATIC DUCTED

PREMIER HYPER HIGHWALL

PREMIER HYPER FLOOR/CEILING

74°F 23°C

68°F 20°C

72°F 22°C

70°F 21°C

SINGLE AND MULTI-ZONE INSTALLATION: LOWER LEVEL

PREMIER CASSETTE SINGLE ZONE

70°F 21°C

PREMIER HYPER CONSOLE

72°F 22°C

MULTI-ZONE SYSTEM WITH 5 INDOOR UNITS AND 1 OUTDOOR UNIT

SINGLE-ZONE SYSTEM WITH 1 INDOOR UNIT AND 1 OUTDOOR UNIT

Advantages:

- **Single-zone systems** provide comfort for areas with as little as 350 and as much as 3,000 square feet—either small offices or bedrooms or big living and cooking areas.

- **Multi-zone systems** can connect as many as 5 indoor units with a single outdoor unit—with comfort all around the house, using individual controls for zoning and energy savings.

2017 Product Lineup

Mini Splits

Series	Image	9000 BTU/h	12000 BTU/h	18000 BTU/h	24000 BTU/h	30000 BTU/h	36000 BTU/h
Premier Hyper Low Temp Heat Pump to -22°F (-30°C)		ENERGY STAR	ENERGY STAR	ENERGY STAR	ENERGY STAR		
Premier Standard Heat Pump						ENERGY STAR	✓
Premier 115V Standard Heat Pump		ENERGY STAR	ENERGY STAR				
NEW Blanc		✓	✓	✓	✓		

Light Commercial

Series	Image	9000 BTU/h	12000 BTU/h	18000 BTU/h	24000 BTU/h	36000 BTU/h	48000 BTU/h
Compact Round Flow Cassette		ENERGY STAR	ENERGY STAR	ENERGY STAR			
Super Slim Round Flow Cassette					✓	✓	✓
Ceiling & Floor				ENERGY STAR	✓	✓	✓
Console		ENERGY STAR	ENERGY STAR				
NEW Mid Static Ducted				ENERGY STAR	ENERGY STAR	✓	✓
Ducted		ENERGY STAR	ENERGY STAR	ENERGY STAR	ENERGY STAR	✓	✓

Universal Outdoor Units

Series	Image	9000 BTU/h	12000 BTU/h	18000 BTU/h	24000 BTU/h	36000 BTU/h	48000 BTU/h
Premier Hyper Single Zones		ENERGY STAR	ENERGY STAR	ENERGY STAR	ENERGY STAR		
Premier Single Zones						✓	✓
Multi-Zone (1-2)				✓			
Multi-Zone (2-3)					ENERGY STAR		
Multi-Zone (2-4)						ENERGY STAR	
Multi-Zone (2-5)							ENERGY STAR

Energy star logo refers to specific matches; check matching chart for specific combinations.

Standard Features Glossary

2-Way Draining
Connections, piping and drainage can be installed from both the left and right sides.

24-Hour Timer
Set the unit to start and stop automatically in a 24-hour period.

3-D Air Flow
With an auto horizontal and vertical swing function, the air flow circulates throughout the whole space and provides an even temperature distribution in the room.

360° Air Flow Panel
360° air outlet creates a soft and gentle air flow which circulates throughout the whole space and provides an even temperature distribution in the room.

Auto Defrosting
Prevents evaporator from freezing and maintains dehumidifying effect in low temperature environments.

Auto Restart Function
If the air conditioner shuts off unexpectedly due to a power outage, it will restart with the previous settings automatically when the power resumes.

Built-in Drain Pump
A powerful, built-in drain pump can lift the condensing water up to 29 inches.

Chassis Heating Belt
Heating belt is fitted on the base plate of the outdoor unit to prevent water accumulation, which improves heat transfer efficiency.

Compressor Heating Belt
Heating belt is fitted on the compressor to prevent frosting water accumulation, which improves heat transfer efficiency.

Convenient Temperature Controls
An intuitive, easy-to-use remote control displays temperature and other functions on a bright, clear LCD screen.

Diamond Outdoor Unit
Innovative outdoor unit reduces noise level by more than 3dB, with higher reliability, easier maintenance and improved performance.

E-Box Inside
Easy maintenance with the electric box right inside the unit. The integrated design provides a more compact size for easier installation.

EcoNight Mode
Provides the ultimate energy savings and a comfortable sleeping environment with an intelligent 8-hour night cycle program that saves up to 60% of energy.

Extra Low Temperature Heating
When it's cold outside it's warm inside. Premier ductless systems can be used as a primary heat source, with heat output down to -13°F (-25°C).

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.

Follow Me (Remote Thermostat)
Temperature sensor built into the remote controller will sense its surrounding temperature. The unit will adjust the room temperature more accurately to give you comfort.

Fresh Air Intake
The air handler is able to mix fresh air from the outside with room existing air to achieve optimal indoor air quality (IAQ).

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.

High Ambient Cooling
The indoor space can be cooled to a desired, comfortable indoor temperature, even when outside temperatures reach up to 122°F (50°C).

Hyper Heating Operation
Premier Hyper Mini-Splits can be a primary heat source, with Hyper Heating down to -22°F (-30°C), so when its cold outside its warm inside.

Independent Vane Control
Air flow direction from individual outlets can be controlled separately to achieve the optimal air flow based on a room's configuration.

Inverter Technology
With the Inverter, the outdoor unit uses only the energy required to meet the desired temperature requirements of the indoor unit, thus lowering electric bills.

Louver Position Memory
Horizontal louver will automatically move to the same position as set the last time the unit was turned on.

Low Ambient Cooling
Even when its cold outside, but warm inside, the air conditioner will keep the area cool—perfect for server rooms and commercial kitchens.

Premier Universal Matching
Maximum flexibility with up to 5 different indoor units connected to 1 outdoor unit. Maintain a different temperature in each room for ultimate comfort, with the best indoor unit choice for each. Premier Universal Matching units are also universal for single-zone outdoor units match. One outdoor unit can match any type of indoor unit.

Refrigerant Leak Detection
Indoor unit shows error code "EC" and stops automatically when refrigerant leakage is detected. This protects the compressor from high temperature damage due to refrigerant leakage.

Single & Multi-Zone Compatible
Compatible indoor unit for both mono and multi inverter system. It comes in handy for warehouse management.

SleepWell
The function enables the air conditioner to automatically increase cooling or decrease heating by around 4 degrees for the first two hours, then holds steady for the next 5 hours, before switching off. This function achieves both energy savings and comfort at night.

Stepless Frequency Adjustment
Precise control maintains stable and constant room temperature while reducing sound level and saving energy.

Wired Remote Control
Compared with an infrared remote controller, a wired controller can be fixed on the wall and makes air conditioner operation more convenient for larger setups or ducted units.

BLANC SERIES | HIGH WALL

The Blanc series brings to market the latest in inverter technology with a unique design for easy and economical setup and operation. The series includes 115V products to simplify installation requirements for drop-in solutions, as well as a broad operating range in cooling and heating modes from 5°F (-15°C) to 122°F (50°C), with rapid cooling and heating capability. ECONight mode helps the Blanc series reduce energy consumption overnight by up to 60% so users will be able to sleep without worrying about the energy bill.

KEY FEATURES

Rapid Cooling & Heating
After start up, the compressor quickly gets up to maximum speed, cooling or heating the room in minutes.

EcoNight Mode
Provides the ultimate energy savings and a comfortable sleeping environment with an intelligent 8-hour night cycle program that saves up to 60% of energy.

60% **$** **8HRS**

5 YEAR compressor
2 YEAR parts
WARRANTY
United States

5 YEAR compressor
1 YEAR parts
WARRANTY
Canada

CONTROL OPTIONS

RG70 Wireless
Remote Controller
Included

ADDITIONAL FEATURES

- Inverter Technology
- Stepless Frequency Adjustment
- Low & High Ambient Cooling
- Diamond Outdoor Unit
- Green Fin Anti-Corrosive Coating
- Two-Way Draining
- Auto Restart Function
- Refrigerant Leakage Detect
- Compressor Heating Belt
- Chassis Heating Belt
- Louver Position Memory
- Auto Defrosting
- 24-Hour Timer

SERIES		BLANC			
Outdoor model		MCS-091BL1	MCS-121BL1	MCS-181BL2	MCS-241BL2
UPC		8 17986 02064 5	8 17986 02066 9	8 17986 02068 3	8 17986 02070 6
Indoor model		MES-09WBL1	MES-12WBL1	MES-18WBL2	MES-24WBL2
UPC		8 17986 02063 8	8 17986 02065 2	8 17986 02067 6	8 17986 02069 0
AHRI #		10028981	10028982	10028983	10028984
ENERGY STAR		-	-	-	-
PERFORMANCE					
Nominal Cooling	BTU/h	9000	12000	18000	24000
Nominal Heating	BTU/h	10000	12000	18000	24000
Low Temp Heating @ 5°F (-15°C)	BTU/h	5500	7800	12000	16000
SEER	BTU / KW	18	17	17	16.5
HSPF	BTU / KW	9.5	8.5	10	9.5
EER	BTU / KW	11	10.5	10.5	9
Cooling Operating Range	°F (°C)	5–122 (-15–50)	5–122 (-15–50)	5–122 (-15–50)	5–122 (-15–50)
Heating Operating Range	°F (°C)	5–86 (-15–30)	5–86 (-15–30)	5–86 (-15–30)	5–86 (-15–30)
ELECTRICAL					
Voltage / Phase / Frequency		115V~ 60Hz, 1Ph	115V~ 60Hz, 1Ph	208/230V~60Hz ,1Ph	208/230V~60Hz ,1Ph
Recommended In / Out Cable		16 AWG/4 Stranded, Unshielded	16 AWG/4 Stranded, Unshielded	16 AWG/4 Stranded, Unshielded	16 AWG/4 Stranded, Unshielded
Minimum Circuit Ampacity	Amps	15	15	17	20
Recommended Fuse Size	Amps	20	20	25	30
SPECIFICATION					
Air Circulation Hi / Med / Low	CFM	295/254/159	295/254/159	618/500/353	618/471/324
Indoor Noise Level: Hi/Med/Low	DBa	38/34/27	38/34/27	45/38/33	47/42/31
Outdoor Noise Level (Cooling/Heating)	DBa	54/54	54/54	57/57	59/59
Air Direction Horizontal	Deg Angle	Automatic	Automatic	Automatic	Automatic
Air Filter	Type	Washable	Washable	Washable	Washable
Connection	Type	Flare	Flare	Flare	Flare
Combined Length (Min/Max)	Feet	10/82	10/82	10/98	10/98
Maximum Vertical Differential	Feet	33	33	66	66
Connection Pipe Size Suction	Inches	3/8	1/2	1/2	5/8
Connection Pipe Size Discharge	Inches	1/4	1/4	1/4	3/8
Condensation Line Size	Inches	5/8	5/8	5/8	5/8
PHYSICAL					
Net Weight (Indoor / Outdoor)	Lbs (Kg)	18.7/67.9 (8.5/30.8)	18.7/80.7 (8.5/36.6)	28.7/107.6 (13.0/48.8)	28.9/141.1 (13.1/64.0)
Dimensions Condensing Unit H x D x W	Inches	21.85 x 11.81 x 30.31	21.85 x 11.81 x 30.31	21.81 x 13.22 x 31.5	23.9 x 14.17 x 35.98
Dimensions Evaporator H x D x W	Inches	11.22 x 8.07 x 28.15	11.22 x 8.07 x 31.69	11.89 x 8.78 x 37.72	12.8 x 9.25 x 42.87
Refrigerant	Oz	R410A/28.2	R410A/33.9	R410A/52.9	R410A/68.8
Refrigerant piping: Liquid side / Gas side	mm (inch)	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ15.9(3/8"/5/8")

Specifications subject to change without notice.

Premier Hyper wall mounted systems offer a full range of features that make it the smartest choice for your HVAC system. Stay comfortable while saving energy with heating operation down to -22°F (-30°C) with 100% capacity at 5°F (-15°C) and performance that exceeds ENERGY STAR® efficiency requirements. Premier Series units also offer Universal Matching so you can mix and match indoor units and outdoor units for single or multi-zone systems.

KEY FEATURES

ENERGY STAR® Rated Efficiency

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.

70% ENERGY STAR

Premier Universal Matching*

The connective piping and drainage hose can maximize efficiency with up to 5 different indoor units connected to 1 outdoor unit. Have a different temperature in each room for ultimate comfort.

7 YEAR compressor
5 YEAR parts
WARRANTY

CONTROL OPTIONS

RG58 Wireless Remote Controller Included

120G1 Wired Remote Controller (Optional)

ADDITIONAL FEATURES

- Hyper Heating Operation
- Diamond Outdoor Unit
- Green Fin Anti-Corrosive Coating
- Two-Way Draining
- Auto Restart Function
- Convenient Temperature Controls
- Sleep Mode

- Temperature Compensation
- Refrigerant Leakage Detection
- Compressor Heating Belt
- Mono & Multi Compatible
- Louver Position Memory
- FollowMe (Remote Thermostat)
- Chassis Heating Belt

SERIES		PREMIER HYPER			
Outdoor model		MCHSU-09PHH2	MCHSU-12PHH2	MCHSU-18PHH2	MCHSU-24PHH2
UPC		8 13084 02536 0	8 13084 02538 4	8 13084 02540 7	8 13084 02542 1
Indoor model		MEHSU-09PHH2	MEHSU-12PHH2	MEHSU-18PHH2	MEHSU-24PHH2
UPC		8 13084 02535 3	8 13084 02537 7	8 13084 02539 1	8 13084 02541 4
AHRI #		8779201	8779202	8779203	8779204
ENERGY STAR		✓	✓	✓	✓
PERFORMANCE					
Nominal Cooling	BTU/h	9000 (3500-13000)	12000 (4000-13800)	18000 (4500-18800)	23000 (5500-24500)
Nominal Heating	BTU/h	12000 (4500-14500)	12000 (5000-15500)	18000 (5500-24000)	25000 (6000-32000)
Low Temp Heating @ 5°F (-15°C)	BTU/h	11000	12000	18000	23000
SEER	BTU / KW	24.7	21.5	22	20
HSPF	BTU / KW	10.5	11	10.5	10
EER	BTU / KW	14	12.5	12.5	12.5
Cooling Operating Range	°F (°C)	-22–122 (-30–50)	-22–122 (-30–50)	-22–122 (-30–50)	-22–122 (-30–50)
Heating Operating Range	°F (°C)	-22–86 (-30–30)	-22–86 (-30–30)	-22–86 (-30–30)	-22–86 (-30–30)
ELECTRICAL					
Voltage / Phase / Frequency		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
Minimum Circuit Ampacity	Amps	9	9	17	20
Running (Cool / Heat)	Amps	2.8 / 4.8	4.2 / 4.8	6.3 / 7.2	8.0 / 10.9
Recommended Fuse Size	Amps	15	15	25	30
SPECIFICATION					
Air Circulation Hi / Med / Low	CFM	294/253/159	294/235/147	618/500/353	618/471/324
Indoor Noise Level: Hi/Med/Low	DBa	37.5/34/27	38.5/23/24.5	45/38/33	47.5/42/31.5
Outdoor Noise Level (Cooling/Heating)	DBa	55.5/55.5	55/55	57/57	59.5/59.5
Air Direction Horizontal	Deg Angle	Automatic	Automatic	Automatic	Automatic
Air Filter	Type	Washable	Washable	Washable	Washable
Connection	Type	Flare	Flare	Flare	Flare
Combined Length (Min/Max)	Feet	10/82	10/82	10/98	10/98
Maximum Vertical Differential	Feet	33	33	66	66
Connection Pipe Size Suction	Inches	3/8	1/2	1/2	5/8
Connection Pipe Size Discharge	Inches	1/4	1/4	1/4	3/8
Condensation Line Size	Inches	5/8	5/8	5/8	5/8
PHYSICAL					
Net Weight (Indoor / Outdoor)	Lbs (Kg)	18.3/87.1 (8.3/39.5)	18.3/88.2 (8.3/40.0)	28.7/107.6 (13.0/48.8)	28.9/141.1 (13.1/64.0)
Dimensions Condensing Unit H x D x W	Inches	21.81 x 13.11 x 31.5	21.81 x 13.11 x 31.5	27.64 x 14.29 x 33.27	31.89 x 16.54 x 37.24
Dimensions Evaporator H x D x W	Inches	11.81 x 7.87 x 31.89	11.81 x 7.87 x 31.89	13.31 x 9.25 x 42.91	13.31 x 9.25 x 42.91
Refrigerant	Oz	R410A/52.9	R410A/52.9	R410A/68.9	R410A/91.7
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")

ACCESORIES	DESCRIPTION
120G1	Wired controller 5V (interface kit needed)
Interface Kit for 120G1	Needed when using 120G1 wired controller
WiFi Kit 1	Optional accessory kit for Wi-Fi control (wiring and USB kit)

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

Specifications subject to change without notice.

The Premier wall mounted line-up combines flexible installation with a high wall setup. There are no special electrical requirements with 115V systems for lower capacities, as well as 230V higher capacity units for more demanding heating and cooling needs. These compact indoor units feature easy setup and maintenance, with systems exceeding ENERGY STAR® requirements. With heating output capacity down to -25°C, the Premier Series mini-split system provides excellent heating and cooling power for your home or business.
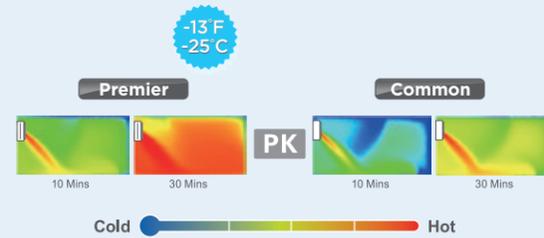
KEY FEATURES

Two-Way Draining
The connective piping and drainage hose can reach either the left or right side of the indoor unit for maximum installation flexibility.

Extra Low Temperature Heating
When it's cold outside it's warm inside, Premier Mini-Splits are a primary heat source, with heat output down to -13°F (-25°C).

-13°F
-25°C

Premier   Common

PK

10 Mins   30 Mins   10 Mins   30 Mins

Cold ●————————————— Hot

7 YEAR compressor
5 YEAR parts
WARRANTY

CONTROL OPTIONS

RG58 Wireless Remote Controller Included

120G1 Wired Remote Controller (Optional)

ADDITIONAL FEATURES
- Extra Low Temperature Heating
- Diamond Outdoor Unit
- Green Fin Anti-Corrosive Coating
- Auto Restart Function
- Optional Wi-Fi Kit
- Low & High Ambient Cooling
- Chassis & Compressor Heating Belts
- Auto Defrosting
- 24-Hour Timer
- Auto Restart Function

SERIES		PREMIER			
Outdoor model		MCHS-09PSH1	MCHS-12PSH1	MCHS-30PSH2	MCHS-36PSH2
UPC		8 13084 02532 2	8 13084 02534 6	8 13084 025445	8 13084 025469
Indoor model		MEHS-09PSH1	MEHS-12PSH1	MEHS-30PSH2	MEHS-36PSH2
UPC		8 13084 02531 5	8 13084 02533 9	8 13084 02543 8	8 13084 02545 2
AHRI #		8779199	8779200	8779205	8779206
ENERGY STAR		✔	✔	✔	-
PERFORMANCE					
Nominal Cooling	BTU/h	9000 (3500-11000)	12000 (4000-13000)	30000 (8000-30500)	36000 (8000-36200)
Nominal Heating	BTU/h	9800 (4500-12500)	11800 (5000-13500)	30000 (9000-34000)	36000 (9000-37000)
Low Temp Heating @ 5°F (-15°C)	BTU/h	6300	7800	19500	23400
SEER	BTU / KW	22.4	20.4	20	18
HSPF	BTU / KW	10.5	11	9.8	10
EER	BTU / KW	14	12.5	12.5	10.5
Cooling Operating Range	°F (°C)	-13–122 (-25–50)	-13–122 (-25–50)	-13–122 (-25–50)	5–122 (-15–50)
Heating Operating Range	°F (°C)	-13–86 (-25–30)	-13–86 (-25–30)	-13–86 (-25–30)	5–86 (-15–30)
ELECTRICAL					
Voltage / Phase / Frequency		115V ~60Hz, 1Ph	115V ~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
Minimum Circuit Ampacity	Amps	15	15	20	25
Running (Cool / Heat)	Amps	5.7 / 7.3	8.5 / 9.5	10.8 / 11	15.3 / 13.8
Recommended Fuse Size	Amps	20	20	30	35
SPECIFICATION					
Air Circulation Hi / Med / Low	CFM	294/253/159	294/254/159	882/618/441	882/618/441
Indoor Noise Level: Hi/Med/Low	DBa	38.5/34/27	38.5/34/27	51/44/33	51/44/33
Outdoor Noise Level (Cooling/Heating)	DBa	54.5/ 54.5	54.5/ 54.5	60/60	60/60
Air Direction Horizontal	Deg Angle	Automatic	Automatic	Automatic	Automatic
Air Filter	Type	Washable	Washable	Washable	Washable
Connection	Type	Flare	Flare	Flare	Flare
Combined Length (Min/Max)	Feet	10/82	10/82	10/164	10/213
Maximum Vertical Differential	Feet	33	33	82	98
Connection Pipe Size Suction	Inches	3/8	1/2	5/8	5/8
Connection Pipe Size Discharge	Inches	1/4	1/4	3/8	3/8
Condensation Line Size	Inches	5/8	5/8	5/8	5/8
PHYSICAL					
Net Weight (Indoor / Outdoor)	Lbs (Kg)	18.7/67.9 (8.5/30.8)	18.7/80.7 (8.5/36.6)	43.2/137.8 (19.6/62.5)	43.2/143.3 (19.6/65.0)
Dimensions Condensing Unit H x D x W	Inches	21.85 x 11.81 x 30.31	21.81 x 13.11 x 31.5	31.89 x 16.54 x 37.24	31.89 x 16.54 x 37.24
Dimensions Evaporator H x D x W	Inches	11.81 x 7.87 x 31.89	11.81 x 7.87 x 31.89	14.37 x 10.71 x 53.15	14.37 x 10.71 x 53.15
Refrigerant	Oz	R410A/35.3	R410A/35.3	R410A/97.0	R410A/119.9
Refrigerant piping: Liquid side / Gas side	mm (inch)	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ15.9(3/8"/5/8")

ACCESORIES	DESCRIPTION
120G1	Wired controller 5V (interface kit needed)
Interface Kit for 120G1	Needed when using 120G1 wired controller
WiFi Kit 1	Optional accessory kit for Wi-Fi control (wiring and USB kit) - 9.000 and 12.000 BTU/h Premier
WiFi Kit 2	Optional accessory kit for Wi-Fi control (wiring and USB kit) - 30.000 and 36.000 BTU/h Premier

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

Specifications subject to change without notice.

Premier and Premier Hyper cassettes feature a unique drop-in design that provides a sleek look along with heating output capacity down to an impressive -22°F (-30°C), and high temperature cooling to 122°F (50°C). With a full range of 9,000 to 48,000 BTU/h options and two different chassis, our cassettes bring flexibility and comfort to a variety of home and business applications—and with ENERGY STAR® certified energy savings. The Universal Matching feature of our Premier series also allows for single or multi-zone settings alike.
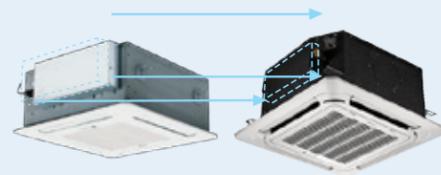
Compact Round
Flow Model
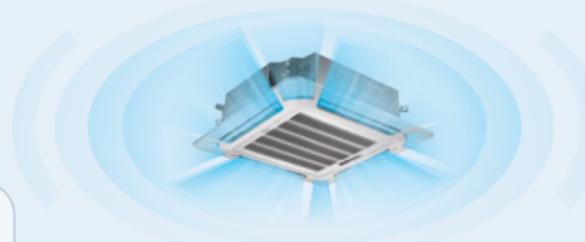
Super Slim Round
Flow Model

KEY FEATURES

E-Box Inside
Easy maintenance with the electric box right inside the unit. The integrated design provides a more compact size for easier installation.

360° Air Flow
With the 360° air flow panel, air is uniformly distributed to every corner of the room.

7 YEAR compressor
5 YEAR parts
WARRANTY

CONTROL OPTIONS

RG58 Wireless Remote Controller Included

120G2 Wired Remote Controller (Optional)

ADDITIONAL FEATURES
- Hyper Heating Operation
- Premier Universal Matching
- Green Fin Anti-Corrosive Coating
- 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

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		ENERGY STAR	ENERGY STAR	ENERGY STAR	-	-	-
PERFORMANCE							
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 (-15°C)	BTU/h	10000	12000	18000	24000	16000	16000
SEER	BTU / KW	20	19.5	20	20	17.5	16.8
HSPF	BTU / KW	10.8	10.6	10.5	11.5	10.5	11
EER	BTU / KW	13	12.5	12.5	11	9	9.5
Cooling Operating Range	°F (°C)	-22–122 (-30–50)	-22–122 (-30–50)	-22–122 (-30–50)	-22–122 (-30–50)	5–122 (-15–50)	5–122 (-15–50)
Heating Operating Range	°F (°C)	-22–86 (-30–30)	-22–86 (-30–30)	-22–86 (-30–30)	-22–86 (-30–30)	5–86 (-15–30)	5–86 (-15–30)
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/6 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	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
PHYSICAL							
Net Weight (Indoor / Outdoor)	Lbs (Kg)	31.97/87.0 (14.5/36.5)	35.27/88.18 (16.0/40.0)	35.49/107.6 (16.1/48.8)	46.3/141.1 (21.0/64.0)	58.2/148.59 (26.4/67.4)	63.23/217.4 (28.7/98.6)
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")

ACCESORIES	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.   Specifications subject to change without notice.

Premier and Premier Hyper ducted indoor units are ideal indoor comfort options for homes and businesses with silent, energy-saving operation along with flexible installation and air flow. With models ranging in capacity from 9,000 to 48,000 BTU/h and adjustable air volume controls, ducted units bring out the best of a ductless sytem with an elegant, concealed design. Premier series ducted units also feature Universal Matching for a variety of single and multi-zone pairings.
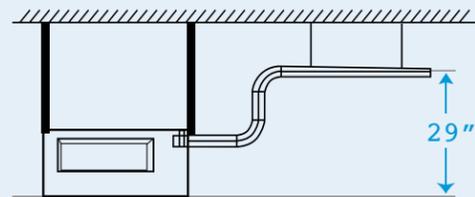
KEY FEATURES

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.

Air intake from back

Air intake from bottom
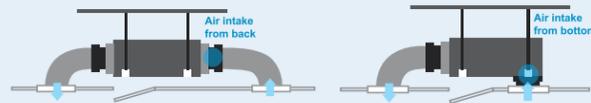
Built-in Drain Pump

The drain pump can lift the condensed water up to 29″.

29″

7 YEAR compressor
5 YEAR parts
WARRANTY

CONTROL OPTIONS

120G2 Wired Remote Controller (Optional)

ADDITIONAL FEATURES

- Hyper Heating Operation
- Premier Universal Matching
- Flexible Air Intake
- Green Fin Anti-Corrosive Coating
- Built-in Drain Pump (Optional)
- 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

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 (-15°C)	BTU/h	10000	12000	18000	24000	16000	16000
SEER	BTU / KW	19	19	19.6	20.5	15.5	17.4
HSPF	BTU / KW	11.1	10.5	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 (°C)	-22–122 (-30–50)	-22–122 (-30–50)	-22–122 (-30–50)	-22–122 (-30–50)	5–122 (-15–50)	5–122 (-15–50)
Heating Operating Range	°F (°C)	-22–86 (-30–30)	-22–86 (-30–30)	-22–86 (-30–30)	-22–86 (-30–30)	5–86 (-15–30)	5–86 (-15–30)
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 (Kg)	39.9/87.1 (18.1/39.5)	39.68/88.18 (17.0/40.0)	50.71/107.6 (23.0/48.8)	57.32/141.1 (26.0/64.0)	76.28/148.59 (34.6/67.4)	94.8/217.4 (43.0/98.6)
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″)	Φ9.52Φ15.9(3/8″/5/8″)	Φ9.52/Φ15.9(3/8″/5/8″)	Φ9.52Φ15.9(3/8″/5/8″)

ACCESORIES	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.　　　　Specifications subject to change without notice.

Premier and Premier Hyper mid-static ducted units offer the most flexibility for advanced installation requirements. These products provide up to 150% more static pressure than standard units, through an industry-leading ultra-slim design and a broad range of capacities from 18,000 to 48,000 BTU/h. Premier Series mid-static ducted units also can be easily configured for either vertical or horizontal discharge and are compatible with Universal Matching single and multi-zone systems.
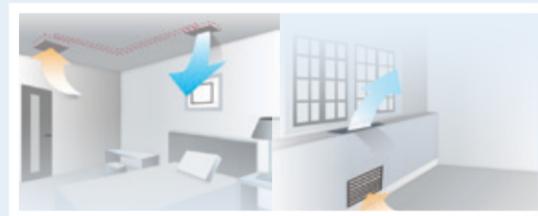
KEY FEATURES

Ultra-slim Design
Featuring an slim profile that's the industry's lowest, our mid-static ducted unit can fit in the tightest space.

48-55 **8.27"**
24-36 **9.80"**
12-18 **11.81"**
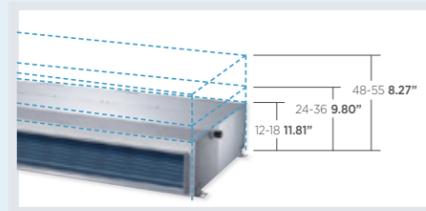
Flexible Installation
Our mid-static ducted units are designed for maximum installation flexibility. Choose either a floor- or ceiling-concealed option depending on existing conditions.

7 YEAR compressor
5 YEAR parts
WARRANTY

CONTROL OPTIONS

120G2 Wired Remote Controller (Optional)

ADDITIONAL FEATURES

- Hyper Heating Operation
- Premier Universal Matching
- Flexible Air Handling
- Green Fin Anti-Corrosive Coating
- Fresh Air Intake
- Built-in Drain Pump (24-48k)
- 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

SERIES		PREMIER HYPER		PREMIER	
Outdoor model		MCHSU-18PHH2	MCHSU-24PHH2	MCHSU-36CSH2	MCHSU-48CSH2
UPC		8 17986 02067 6	813084 02540 7	813084 02552 0	813084 02554 4
Indoor model		MEU-18MPH2	MEU-24MPH2	MEU-36PL2	MEU-48PL2
UPC		8 17986 02074 4	8 17986 02075 1	8 17986 02076 8	8 17986 02077 5
AHRI #		10028987	10028988	10028985	10028986
ENERGY STAR		✓	✓	-	-
PERFORMANCE					
Nominal Cooling	BTU/h	16500	24000	36000	48000
Nominal Heating	BTU/h	19000	24000	40000	49500
Low Temp Heating @ 5°F (-15°C)	BTU/h	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 (°C)	-22–122 (-30–50)	-22–122 (-30–50)	5–122 (-15–50)	5–122 (-15–50)
Heating Operating Range	°F (°C)	-22–86 (-30–30)	-22–86 (-30–30)	5–86 (-15–30)	5–86 (-15–30)
ELECTRICAL					
Voltage / Phase / Frequency		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
Minimum Circuit Ampacity	Amps	18	20	30	35
Recommended Fuse Size	Amps	25	30	50	50
SPECIFICATION					
Air Circulation Hi / Med / Low	CFM	530/450/371	776/694/435	1082/912/703	1229/1032/715
Static Pressure In	W.C	0-0.40	0-0.64	0-0.64	0-0.64
Indoor Noise Level: Hi/Med/Low	DBa	39	44	45	50
Outdoor Noise Level (Cooling/Heating)	DBa	59	61	66	62
Air Direction Horizontal	Deg Angle	Automatic	Automatic	Automatic	Automatic
Air Filter	Type	Washable	Washable	Washable	Washable
Connection	Type	Flare	Flare	Flare	Flare
Combined Length (Min/Max)	Feet	10/98	10/164	10/213	10/213
Maximum Vertical Differential	Feet	66	82	98	98
Connection Pipe Size Suction	Inches	1/2	5/8	5/8	5/8
Connection Pipe Size Discharge	Inches	1/4	3/8	3/8	3/8
Condensation Line Size	Inches	1	1	1	1
PHYSICAL					
Net Weight (Indoor / Outdoor)	Lbs (Kg)	54/107.4 (24.5/48.7)	87/135.6 (39.5/61.5)	106/148.6 (48.1/67.4)	120/217.4 (54.5/98.7)
Dimensions Condensing Unit H x D x W	Inches	33.27 x 14.29 x 27.64	43.30 x 30.47 x 9.80	37.24 x 16.14 x 31.89	37.48 x 16.34 x 52.48
Dimensions Evaporator H x D x W	Inches	34.65 x 28.53 x 8.27	43 x 30 x 10	53.54 x 30.47 x 9.80	47.24 x 34.41 x 11.81
Refrigerant	Oz	R410A/68.8	R410A/91.7	R410A/108	R410A/148.2
Refrigerant piping: Liquid side / Gas side	mm (inch)	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52Φ15.9(3/8"/5/8")	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ15.9(3/8"/5/8")

ACCESORIES	DESCRIPTION
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.

Specifications subject to change without notice.

The Premier ceiling and floor is the perfect HVAC system when you need a versatile application. With heating capability as low as -22°F (-30°C) in Hyper models cooling in a range of -22°F (-30°C) to 122°F (50°C), it provides savings year round. Capacity options range from 18,000 to 48,000 BTU/h making it appropriate for a variety of home and business set-ups. Convenient installation options and fresh air intake are available, as well as Universal Matching for single and multi-zone systems.

KEY FEATURES

Fresh Air
Air outside is brought into the room via a connection pipe, which keeps the indoor air fresh and healthy.

3D Airflow
With an auto horizontal and vertical swing function, the air flow is distributed evenly making it feel comfortable anywhere in the room.

7 YEAR compressor
5 YEAR parts
WARRANTY

CONTROL OPTIONS

RG58 Wireless Remote Controller Included

120G2 Wired Remote Controller (Optional)

ADDITIONAL FEATURES
- Hyper Heating Operation
- Premier Universal Matching
- Green Fin Anti-Corrosive Coating
- Built-In Drain Pump
- Two-Way Draining
- Mono & Multi Compatible
- Low & High Ambient Cooling
- Chassis & Compressor Heating Belts
- Auto Defrosting
- 24-Hour Timer
- Auto Restart Function

SERIES		PREMIER HYPER		PREMIER	
Outdoor model		MCHSU-18PHH2	MCHSU-24PHH2	MCHSU-36CSH2	MCHSU-48CSH2
UPC		8 13084 02540 7	8 13084 02542 1	8 13084 02552 0	8 13084 02554 4
Indoor Model		MEHSU-18CHF2	MEHSU-24CHF2	MEHSU-36CSF2	MEHSU-48CSF2
UPC		8 13084 02557 5	8 13084 02558 2	8 13084 02559 9	8 13084 02560 5
AHRI #		8813816	8813819	8767357	8819869
ENERGY STAR		✓	-	-	-
PERFORMANCE					
Nominal Cooling	BTU/h	17000 (5500-20000)	24000 (9510-28500)	36000 (10800-45000)	48000 (12000-54000)
Nominal Heating	BTU/h	18000 (5500-21000)	24000 (10950-32890)	38000 (12500-48000)	50000 (15000-57000)
Low Temp Heating @ 5°F (-15°C)	BTU/h	18000	24000	16000	16000
SEER	BTU / KW	19.9	20	16	17.8
HSPF	BTU / KW	10.6	11.5	10	11
EER	BTU / KW	12.5	11.5	8	9.3
Cooling Operating Range	°F (°C)	-22–122 (-30–50)	-22–122 (-30–50)	5–122 (-15–50)	5–122 (-15–50)
Heating Operating Range	°F (°C)	-22–86 (-30–30)	-22–86 (-30–30)	5–86 (-15–30)	5–86 (-15–30)
ELECTRICAL					
Voltage / Phase / Frequency		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/6 Stranded, Unshielded	16AWG/4 Stranded, Unshielded
Minimum Circuit Ampacity	Amps	18	20	30	35
Recommended Fuse Size	Amps	25	30	50	50
SPECIFICATION					
Air Circulation Hi / Med / Low	CFM	666/595/525	746/696/618	1037/917/638	1350/1120/1000
Indoor Noise Level: Hi/Med/Low	DBa	47/44/39	52/50/46	54/49/43	57/54/52
Outdoor Noise Level (Cooling/Heating)	DBa	59/59	61/61	66/66	62.5/62.5
Air Direction Horizontal	Deg Angle	Automatic	Automatic	Automatic	Automatic
Air Filter	Type	Washable	Washable	Washable	Washable
Connection	Type	Flare	Flare	Flare	Flare
Combined Length (Min/Max)	Feet	10/98	10/164	10/213	10/213
Maximum Vertical Differential	Feet	66	82	98	98
Connection Pipe Size Suction	Inches	1/2	5/8	5/8	5/8
Connection Pipe Size Discharge	Inches	1/4	3/8	3/8	3/8
Condensation Line Size	Inches	1	1	1	1
PHYSICAL					
Net Weight (Indoor / Outdoor)	Lbs (Kg)	55.12/107.6 (25.0/48.8)	58.42/141.1 (26.5/64.0)	69/148.59 (31.3/67.4)	83.78/217.4 (38.0/98.6)
Dimensions Condensing Unit H x D x W	Inches	27.64 x 14.29 x 33.27	31.89 x 16.54 x 27.24	31.89 x 16.14 x 37.24	52.48 x 16.34 x 37.48
Dimensions Evaporator H x D x W	Inches	9.25 x 26.57 x 42.05	9.25 x 26.57 x 42.05	9.25 x 26.57 x 50.59	9.25 x 26.57 x 64.96
Refrigerant	Oz	R410A/68.9	R410A/91.7	R410A/108	R410A/148.2
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")

ACCESORIES	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.

Specifications subject to change without notice.

Specially designed for discrete indoor placement without compromising on performance, the Midea console provides heating output to -22°F (-30°C). An ENERGY STAR® rating ensures savings on energy bills while keeping you comfortable in any season. Universal matching lets you connect up to 5 indoor units for every single outdoor unit while the flexible air flow and 2-way outlet provide optimal cooling and heating performance.

KEY FEATURES

Flexible Air Flow
Multiple return and supply to evenly circulate the air.
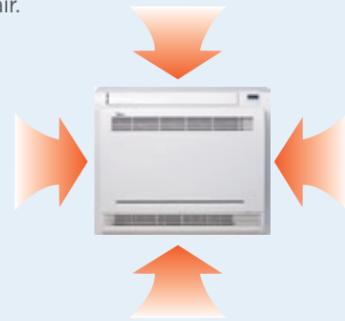
2-Way Air Outlet
With two air outlets, you can direct air up and down simultaneously or choose upward air flow only.

7 YEAR compressor
5 YEAR parts
WARRANTY

CONTROL OPTIONS

RG58 Wireless Remote Controller Included

120G2 Wired Remote Controller (Optional)

ADDITIONAL FEATURES
- Hyper Heating Operation
- Premier Universal Matching
- Green Fin Anti-Corrosive Coating
- Mono & Multi Compatible
- Low & High Ambient Cooling
- Chassis & Compressor Heating Belts
- Auto Defrosting
- 24-Hour Timer
- Auto Restart Function

SERIES		PREMIER HYPER	
Outdoor model		MCHSU-09PHH2	MCHSU-12PHH2
UPC		8 13084 02536 0	8 13084 02538 4
Indoor Model		MEHSU-09CHN2	MEHSU-12CHN2
UPC		8 13084 02555 1	8 13084 02556 8
AHRI #		8813808	8813813
ENERGY STAR			
PERFORMANCE			
Nominal Cooling	BTU/h	8500 (3500-11000)	12000 (4000-13000)
Nominal Heating	BTU/h	10000 (4500-11500)	12000 (5000-13500)
Low Temp Heating @ 5°F (-15°C)	BTU/h	10000	12000
SEER	BTU / KW	20	19.4
HSPF	BTU / KW	11.6	10.5
EER	BTU / KW	12.5	12.5
Cooling Operating Range	°F (°C)	-22–122 (-30–50)	-22–122 (-30–50)
Heating Operating Range	°F (°C)	-22–86 (-30–30)	-22–86 (-30–30)
ELECTRICAL			
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	9	9
Recommended Fuse Size	Amps	15	15
SPECIFICATION			
Air Circulation Hi / Med / Low	CFM	384/325/252	414/361/267
Indoor Noise Level: Hi/Med/Low	DBa	44/41/35	50/46/37
Outdoor Noise Level (Cooling/Heating)	DBa	59/59	57/57
Air Direction Horizontal	Deg Angle	Automatic	Automatic
Air Filter	Type	Washable	Washable
Connection	Type	Flare	Flare
Combined Length (Min/Max)	Feet	10/82	10/82
Maximum Vertical Differential	Feet	33	33
Connection Pipe Size Suction	Inches	3/8	1/2
Connection Pipe Size Discharge	Inches	1/4	1/4
Condensation Line Size	Inches	5/8	5/8
PHYSICAL			
Net Weight (Indoor / Outdoor)	Lbs (Kg)	29.76/87.1 (13.5/39.5)	33.95/88.18 (15.4/40.0)
Dimensions Condensing Unit H x D x W	Inches	21.81 x 13.11 x 31.50	21.81 x 13.11
Dimensions Evaporator H x D x W	Inches	8.27 x 23.62 x 27.56	8.27
Refrigerant	Oz	R410A/52.9	R410A/52.9
Refrigerant piping: Liquid side / Gas side	mm (inch)	Φ6.35/Φ9.52 (1/4"/3/8")	Φ6.35/Φ12.7 (1/4"/1/2")

ACCESORIES	DESCRIPTION
120G2	Wired controller 12V

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

Specifications subject to change without notice.

Premier and Premier Hyper outdoor units offer the ultimate flexibility in a ductless system. With Premier Universal Matching, each single or multi-zone outdoor unit can be matched with any style of indoor unit. At the same time, all indoor units can be combined in multi-zone systems from 1 to 5 zones. The units are also highly efficient with over 70% of matches rated as ENERGY STAR due to Midea Inverter technology, and save up to 50% on space compared to traditional HVAC units.

PREMIER MATCH-UPS

	OUTDOOR "HYPER" UNIVERSAL SERIES				OUTDOOR "STANDARD" UNIVERSAL SERIES	
	MCHSU-09PHH2 9000 BTU	MCHSU-12PHH2 12000 BTU	MCHSU-18PHH2 18000 BTU	MCHSU-24PHH2 24000 BTU	MCHSU-36CSH2 36000 BTU	MCHSU-48CSH2 48000 BTU
INDOOR						
Hi-Walls	MEHSU-09PHH2 (9000 BTU)	MEHSU-12PHH2 (12000 BTU)	MEHSU-18PHH2 (18000 BTU)	MEHSU-24PHH2 (24000 BTU)	–	–
Cassette	MEHSU-09CHC2 (9000 BTU)	MEHSU-12CHC2 (12000 BTU)	MEHSU-18CHC2 (18000 BTU)	MEHSU-24CHC2 (24000 BTU)	MEHSU-36CSC2 (36000 BTU)	MEHSU-48CSC2 (48000 BTU)
Ducted & Mid-Static	MEHSU-09CHD2 (9000 BTU)	MEHSU-12CHD2 (12000 BTU)	MEHSU-18CHD2 MEU-18MPH2 (18000 BTU)	MEHSU-24CHD2 MEU-24MPH2 (24000 BTU)	MEHSU-24CHD2 MEU-24MPH2 (24000 BTU)	MEHSU-24CHD2 MEU-24MPH2 (24000 BTU)
Console & Floor-Ceiling	MEHSU-09CHN2 (9000 BTU)	MEHSU-12CHN2 (12000 BTU)	MEHSU-18CHF2 (18000 BTU)	MEHSU-24CHF2 (24000 BTU)	MEHSU-36CSF2 (36000 BTU)	MEHSU-48CSF2 (48000 BTU)
PREMIER OUTDOOR MULTI-UNIVERSAL						
(2-Zone) MCH2U-18PHH2	Yes	Yes	No	No	None	-
(3-Zone) MCH3U-27PHH2	Yes	Yes	Yes	No	Hyper Up to 2 Zones	-
(4-Zone) MCH4U-36PHH2	Yes	Yes	Yes	No	Hyper Up to 3 Zones	-
(5-Zone) MCH5U-48PHH2	Yes	Yes	Yes	Yes	Hyper Up to 4 Zones	-

SYSTEM RATINGS

Model	Indoor Unit		Cooling Capacity	SEER	EER	Heating Capacity BTU/h			COP	HSPF4	Energy Star	Hyper
	Type	Combination	95°F (35°C)			47°F (8.3 °C)	17°F (-8.3 °C)	5°F (-15 °C)	47°F (8.3 °C)			
MCH2U-18PHH2	Non-Ducted	MEHSU-09PHH2 X 2	17000	21.1	12.5	18000	11600	13800	3.5	9.7		
	Ducted	MEHSU-09CHD2 X 2	18000	18.4	11.8	18500	11400	14400	3.8	9.4		
	Mixed	-	17500	19.8	12.2	18250	11500	14100	3.7	9.6		
MCH3U-27PHH2	Specific	MEHSU-09PHH2 X 2	19000	20.3	12.6	21000	13600	21000	3.3	9.7	Yes	Yes
	Specific	MEHSU-09CHD2 X 2	18000	16.8	11.3	18000	11800	18000	3.4	8.6	Yes	Yes
	Specific	MEHSU-09PHH2 X 3	24000	22.3	12.5	27000	17800	22700	4.0	10.8	Yes	Yes
	Non-Ducted	MEHSU-09PHH2 X 3	27000	20.4	11.5	27000	17800	22700	4.0	10.8		
	Ducted	MEHSU-09CHD2 X 3	27000	18.5	11.0	27000	16200	21000	3.5	9.0		
	Mixed	-	27000	19.5	11.3	27000	17000	21850	3.8	9.9		
MCH4U-36PHH2	Specific	MEHSU-09PHH2 X 3	27000	22.8	12.5	27000	16800	27000	3.3	10.4	Yes	Yes
	Specific	MEHSU-09CHD2 X 3	27000	17.6	10.8	27000	16600	27000	3.4	9.1	Yes	Yes
	Non-Ducted	MEHSU-09PHH2 X 4	36000	21.4	10.5	36000	23600	26200	3.7	10.2		
	Ducted	MEHSU-09CHD2 X 4	36000	17.9	10.0	36000	22800	28400	3.2	9.7		
	Mixed	-	36000	19.7	10.3	36000	23200	27300	3.5	10.0		
MCH5U-48PHH2	Specific	MEHSU-09PHH2 X 4	35000	21.3	12.5	35000	21400	35000	3.9	10.4	Yes	Yes
	Specific	MEHSU-09CHD2 X 4	35000	17.0	10.8	35000	24400	35000	3.6	9.2	Yes	Yes
	Non-Ducted	MEHSU-09PHH2 X 5	48000	20.5	11	48000	30400	37900	3.5	10.2		
	Ducted	MEHSU-09CHD2 X 5	48000	17.6	10.1	50000	33000	36800	3.4	10.1		
	Mixed	-	48000	19.1	10.6	49000	31700	37350	3.5	10.2		

Space-Saving Installation

Up to five indoor units can be connected to a single outdoor unit, reducing the number of outdoor units required. All indoor units can be individually controlled and do not need to be installed at the same time. Up to 50% less occupied space when compared to traditional HVAC outdoor units.

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. Over 70% of matches of Premier outdoor units are ENERGY STAR rated.

7 YEAR compressor / 5 YEAR parts WARRANTY

ENERGY STAR

Premier Universal Matching*

The connective piping and drainage hose can Maximize efficiency with up to 5 different indoor units connected to 1 outdoor unit. Have a different temperature in each room for ultimate comfort.

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

Specifications subject to change without notice.

SINGLE-ZONE OUTDOOR UNITS

Model		MCHSU-12PHH2	MCHSU-18PHH2	MCHSU-24PHH2	MCHSU-36CSH2	MCHSU-48CSH2
PERFORMANCE						
Nominal Cooling	BTU/h	12000 (4000-13000)	18000 (4500-18800)	24000 (9600-28800)	36000 (9800-42000)	48000 (11600-49000)
Nominal Heating	BTU/h	12000 (5000-13500)	18000 (5500-24000)	24000 (9600-28800)	38000 (9800-42000)	50000 (11600-51000)
Cooling Operating Range	°F (°C)	-22~122 (-30~50)	-22~122 (-30~50)	-22~122 (-30~50)	5~122 (-15~50)	5~122 (-15~50)
Heating Operating Range	°F (°C)	-22~86 (-30~30)	-22~86 (-30~30)	-22~86 (-30~30)	5~86 (-15~30)	5~86 (-15~30)
ELECTRICAL						
Voltage / Phase / Frequency		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/6 Stranded, Unshielded	16AWG/6 Stranded, Unshielded
Minimum Circuit Ampacity	Amps	9	17	20	30	35
Recommended Fuse Size	Amps	15	25	30	50	50
SPECIFICATION						
Outdoor Noise Level	DBa	57	59	61	66	62.5
Connection	Type	Flare	Flare	Flare	Flare	Flare
Combined Minimum Length	Feet	10	10	10	10	10
Combined Maximum Length	Feet	82	98	164	213	213
Maximum Line Length Each	Feet	/	/	/	/	/
Maximum Vertical Differential	Feet	33	66	82	98	98
Connection Pipe Size Suction	Inches	1/2	1/2	5/8	5/8	5/8
Connection Pipe Size Discharge	Inches	1/4	1/4	3/8	3/8	3/8
PHYSICAL						
Net Weight	Lbs (Kg)	88.18 (39.0)	107.6 (48.8)	141.1 (64.0)	148.59 (67.4)	217.40 (98.6)
Net Dimensions (WxDxH)	Inches	31.50x13.11x21.81	33.27x14.29x27.64	37.24x16.54x31.89	37.24x16.14x31.89	37.48x16.34x52.48
Refrigerant	Oz	R410A/52.9	R410A/68.9	R410A/91.7	R410A/108	R410A/148.2
Refrigerant piping: Liquid side / Gas side	mm(inch)	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")

MULTI-ZONE OUTDOOR UNITS

Model		MCH2U-18PHH2	MCH3U-27PHH2	MCH4U-36PHH2	MCH5U-48PHH2
PERFORMANCE					
Nominal Cooling	BTU/h	18000 (3995-19489)	27000 (6880-30500)	36000(5630-38510)	48000(8860-52500)
Nominal Heating	BTU/h	18000 (2539-24249)	27000 (4210-36200)	36000(4960-42660)	48000(6480-54050)
Cooling Operating Range	°F (°C)	-13~122 (-25~50)	-13~122 (-25~50)	-13~122 (-25~50)	-13~122 (-25~50)
Heating Operating Range	°F (°C)	-13~86 (-25~30)	-13~86 (-25~30)	-13~86 (-25~30)	-13~86 (-25~30)
ELECTRICAL					
Voltage / Phase / Frequency		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
Minimum Circuit Ampacity	Amps	18	25	30	35
Recommended Fuse Size	Amps	25	35	45	50
SPECIFICATION					
Outdoor Noise Level	DBa	62.4	63.4	62.3	64
Connection	Type	Flare	Flare	Flare	Flare
Combined Minimum Length	Feet	10	10	10	10
Combined Maximum Length	Feet	98	148	197	246
Maximum Line Length Each	Feet	66	82	98	98
Maximum Vertical Differential	Feet	33	33	33	33
Connection Pipe Size Suction	Inches	1/4	1/4	1/4	1/4
Connection Pipe Size Discharge	Inches	3/8	3/8	3/8	3/8
PHYSICAL					
Net Weight	Lbs (Kg)	105.82 (48.0)	149.91 (68.0)	156.53 (71.0)	223.77 (101.5)
Net Dimensions (WxDxH)	Inches	33.27x14.39x27.64	37.24x16.14x31.89	37.24x16.14x31.89	37.48x16.34x52.48
Refrigerant	Oz	R410A/70.5	R410A/98.8	R410A/105.8	R410A/162.3
Refrigerant piping: Liquid side / Gas side	mm(inch)			3 x 6.35/9.52(1/4"/3/8")+1 6.35/12.7(1/4"/1/2")	3 x 6.35/9.52(1/4"/3/8")+2 6.35/12.7(1/4"/1/2")

MULTI-ZONE COMBINATION TABLE

1-2 Zone

MCH2U-18PHH2	One Unit	12
	Two Units	9 + 9
		9 + 12
		12 + 12

2-3 Zone

MCH3U-27PHH2	Two Units	9 + 9
		9 + 12
		9 + 18
		12 + 12
		12 + 18
		18 + 18
	Three Units	9 + 9 + 9
		9 + 9 + 12
		9 + 9 + 18
		9 + 12 + 12
		12 + 12 + 12

2-4 Zone

MCH4U-36PHH2	Two Units	9 + 12
		9 + 18
		9 + 24
		12 + 12
		12 + 18
		12 + 24
		18 + 18
	Three Units	9 + 9 + 9
		9 + 9 + 12
		9 + 9 + 18
		9 + 12 + 12
		9 + 12 + 18
		9 + 12 + 24
		9 + 18 + 18
		9 + 18 + 24
		12 + 12 + 12
		12 + 12 + 18
		12 + 18 + 18
	Four Units	9 + 9 + 9 + 9
		9 + 9 + 9 + 12
		9 + 9 + 9 + 18
		9 + 9 + 12 + 12
		9 + 9 + 12 + 18
		9 + 12 + 12 + 12
		12 + 12 + 12 + 12

2-5 Zone

MCH5U-48PHH2	Two Units	18 + 18
		18 + 24
		24 + 24
	Three Units	9 + 9 + 18
		9 + 9 + 24
		9 + 12 + 12
		9 + 12 + 18
		9 + 12 + 24
		9 + 18 + 18
		9 + 18 + 24
		9 + 24 + 24
		12 + 12 + 12
		12 + 12 + 18
		12 + 12 + 24
		12 + 18 + 18
		12 + 18 + 24
		12 + 24 + 24
		18 + 18 + 18
		18 + 18 + 24

2-5 Zone

MCH5U-48PHH2	Four Units	9 + 9 + 9 + 9
		9 + 9 + 9 + 12
		9 + 9 + 9 + 18
		9 + 9 + 9 + 24
		9 + 9 + 12 + 12
		9 + 9 + 12 + 18
		9 + 9 + 12 + 24
		9 + 9 + 18 + 18
		9 + 9 + 18 + 24
		9 + 12 + 12 + 12
		9 + 12 + 12 + 18
		9 + 12 + 12 + 24
		9 + 12 + 18 + 18
		9 + 18 + 18 + 18
		12 + 12 + 12 + 12
		12 + 12 + 12 + 18
		12 + 12 + 12 + 24
		12 + 12 + 18 + 18

2-5 Zone

MCH5U-48PHH2	Five Units	9 + 9 + 9 + 9 + 9
		9 + 9 + 9 + 9 + 12
		9 + 9 + 9 + 9 + 18
		9 + 9 + 9 + 9 + 24
		9 + 9 + 9 + 12 + 12
		9 + 9 + 9 + 12 + 18
		9 + 9 + 9 + 18 + 18
		9 + 9 + 12 + 12 + 12
		9 + 12 + 12 + 12 + 12
		9 + 12 + 12 + 12 + 18
		12 + 12 + 12 + 12 + 12

Support

Midea offers comprehensive coast-to-coast support as we continue our rapid expansion of service, training and tools to guarantee support for both our partners and consumers alike.

95%
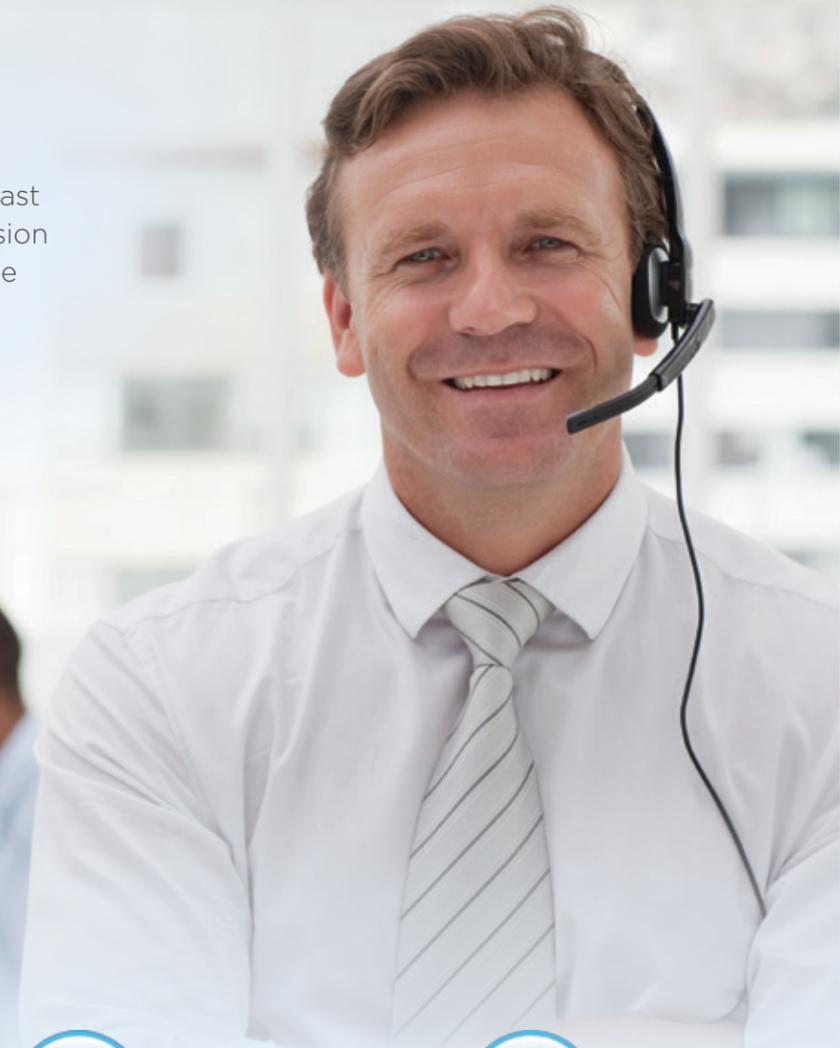
Over 3,500 repair technicians in North America with 95% coverage in the U.S.

HVAC field service team.

Dedicated tech-on-site call-in number.

Exclusive password protected technical & marketing support website in 2017.

Authorized field support program for trained dealers and distributors.

Consigned spare parts program.

US

All new webpage: midea.com.

NEED ASSISTANCE? WE'RE HERE FOR YOU!

ONLINE: MIDEA.COM
Get product information, find a dealer, download technical documents.

PHONE: 866-646-4332
Get technical support and information regarding parts and service.

Things to know before buying a Midea System

Warranties vary depending on model and location:

United States: 2 Years Parts, 5 Years Compressor Warranty (Blanc Series) or 5 Years Parts, 7 Years Compressor Warranty (All Other Series).

Canada: 1 Year Parts, 5 Years Compressor Warranty (Blanc Series) or 5 Years Parts, 7 Years Compressor Warranty (All Other Series).

Note: Condensing units come pre-charged from factory. Additional refrigerant may be required; be sure to check installation manual for more details.

Cooling capacity is based on the following conditions:
Indoor temperature: 26.7°C DB/19.4°C WB
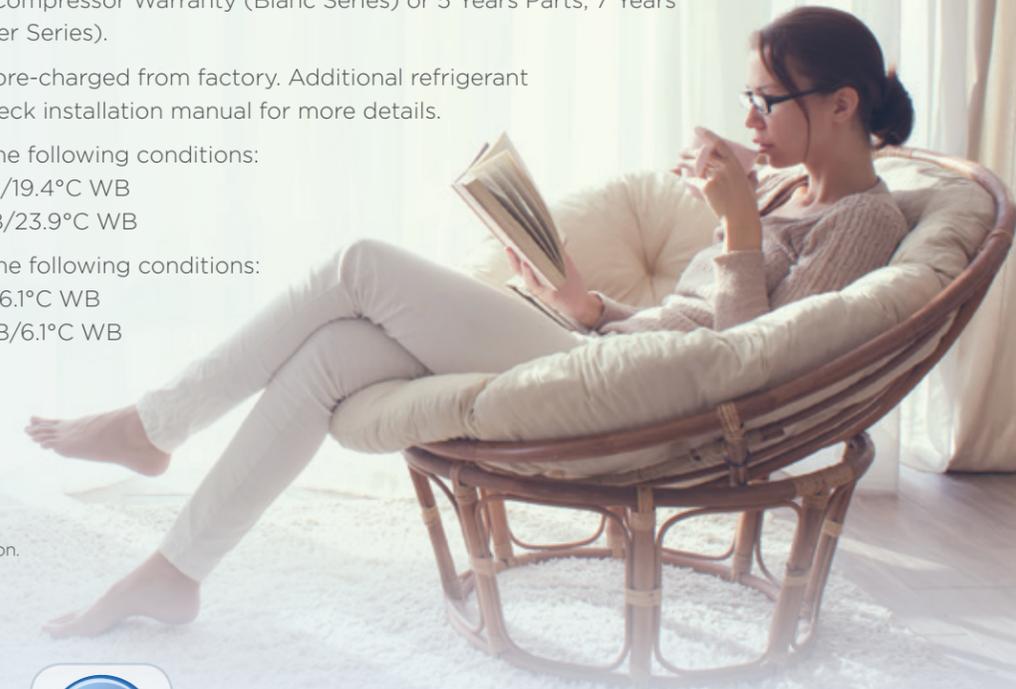Outdoor temperature: 35°C DB/23.9°C WB

Heating capacity is based on the following conditions:
Indoor temperature: 8.3°C DB/6.1°C WB
Outdoor temperature: 8.3°C DB/6.1°C WB

Disclaimer

Midea products are subject to continuous improvements. Midea reserves the right to modify product design, specification and information in the brochure without notice and without incurring any obligation.

5 YEAR compressor / 1 YEAR parts
WARRANTY Canada
Blanc Only

5 YEAR compressor / 2 YEAR parts
WARRANTY United States
Blanc Only

7 YEAR compressor / 5 YEAR parts
WARRANTY Canada & U.S.
All Other Models

AHRI CERTIFIED™
www.ahridirectory.org

NOMENCLATURE				2017+ INDOOR UNIT			
M	E	U	- 09	W	P	H	2
Midea	E: Evaporator/ Indoor	U: Universal S: Specific match	Capacity (BTU/h)	C: Cassette; D: Ducted; F: Floor/ Ceiling; M: Mid Static Ducted; N: Console; W: Wall Mounted;	P: Premier B: Blanc	H: Hyper Heating / L: Low & high ambient cooling / T: Standard	2:208/230v 1:115v

NOMENCLATURE				2017+ OUTDOOR UNIT			
M	C	U	- 09	1	P	H	2
Midea	C: Condenser/ Outdoor	U: Universal S: Specific match	Capacity (BTU/h)	1,2,3,4,5: Single-zone (1) or multi-zone connections (2,3,4,5)	P: Premier B: Blanc	H: Hyper Heating / L: Low & high ambient cooling / T: Standard	2:208/230v 1:115v

NOMENCLATURE					2016 OUTDOOR PRODUCTS				
M	E	H	S	U	- 09	P	H	H	2
Midea	E: Evaporator/ Indoor C: Condenser/ Outdoor	Heat Pump	S: Single: 2, 3, 4, 5: # of Zones	U: Universal S: Specific match	Capacity (BTU/h)	P: Premier Wall Mount / N: Neola Wall Mount / C: Premier Light Commercial	H: Hyper S: Standard	H: Highwall D: Duct F: Floor/ Ceiling C: Cassette N: Console	2:208/230v 1:115v

MEHSU-09PHH2 Example: MEHSU-09PHH2

- 2: 208/230v 1: 115v
- H: Highwall / D: Duct F: Floor/Ceiling / C: Cassette N: Console
- H: Hyper S: Standard (Non-Hyper)
- P: Premier Wall Mount N: Neola Wall Mount / C: Light Commercial (Premier)
- Capacity (BTU/h)
- U: Universal S: Specific Match
- S: Single: 2,3,4,5 # of Zones
- Heat Pump
- E: Indoor C: Outdoor
- Midea
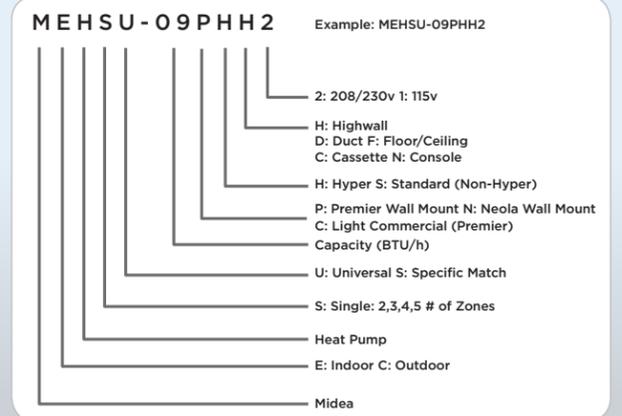
NOTES

MIDEA AMERICA HEADQUARTERS
5 Sylvan Way, Suite 100
Parsippany, NJ, 07054
Phone: (973) 539-5330
Fax: (973) 539-5336

MIDEA CANADA SALES AND MANAGEMENT OFFICE
215 Shields Court, Unit 2
Markham, ON, L3R 8V2
Phone: (905) 305-6368
Fax: (905) 305-1368
Email: canada@midea.com

MIDEA.COM