

North America

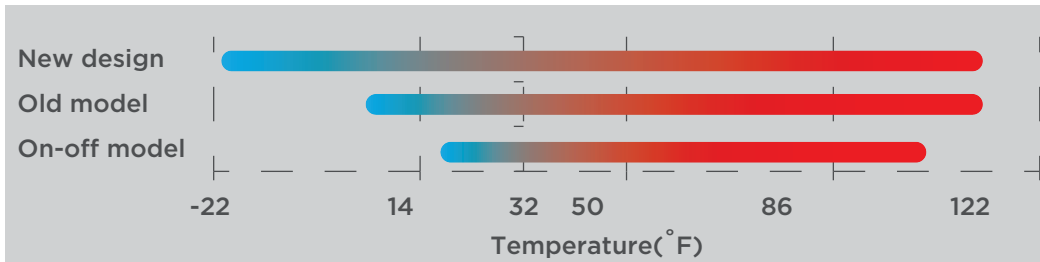
2016 RESIDENTIAL AND LIGHT COMMERCIAL DUCTLESS



Leading Technology

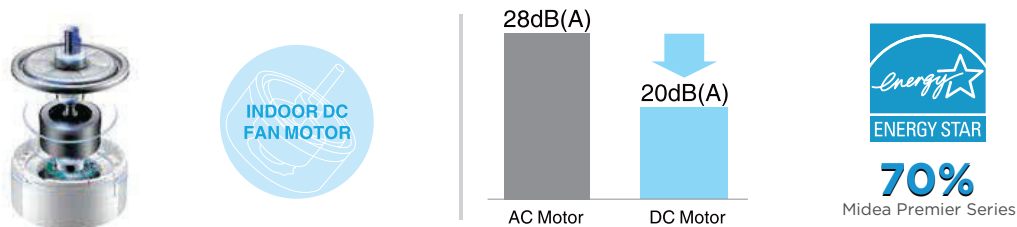
Colder Climate Control ▶

The new Midea Premier Series features Hyper Heating Operation, allowing operation at colder temperatures than ever before. Low temperature heating has been extended to -13°F, with up to 90% capacity, and maximum operational heating down to -22°F.



Quieter and More Efficient ▶

Full DC Inverter technology in the new Midea Premier Series allows quieter operation (up to 28% less dBA), and delivers more efficiency to save energy. In fact, over 70% of Midea Premier Series products are qualified as Energy Star.



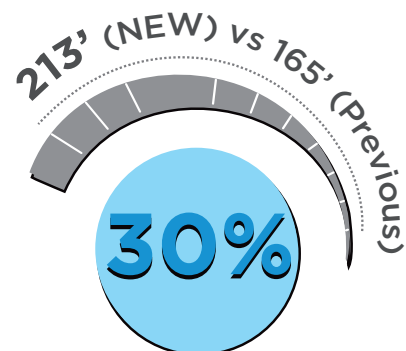
Our Most Flexible and Expansive Line ▶

With Universal Matching, our outdoor units can match up to five different indoor units, saving space, minimizing complexity and increasing the number of combinations more than ever. And with a 30% longer line set (now up to 213 feet), the new Midea Premier Series offers even more flexibility.

5 Zone Universal Matching



30% Longer Line Set



Standard Features



Sleep Mode

The function enables the air conditioner to automatically increase cooling or decrease heating 1°C per hour for the first two hours, then holds steady for the next 5 hours, after that it will switch off. This function maintains both energy savings and comfort at night.



Follow Me (Remote Thermostat)

Temperature sensor built in the remote controller will sense its surrounding temperature. The unit will adjust the room temperature more accurately to give you comfort.



Turbo

This function gives you a boost in cooling and heating power for a period, and makes the room cool down or heat up rapidly.



Fresh Air

Air outside can be lead into the room via a connection pipe, which keeps the indoor air fresh and healthy.



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 Swing

Distributes cool/warm air to maximum area by moving horizontal flaps automatically.



Low Ambient Cooling

With built-in low ambient kit or special designed PCB, outdoor fan speeds can be changed automatically according to condensation temperature. The air conditioner can run cooling operation even when the outdoor ambient temperature is down to -15°C.



Golden Fin

Effectively prevents bacteria breeding and improve heat transfer efficiency. The unique anti-corrosive golden coating on the condenser can withstand the salty air, rain and other corrosive elements.



Refrigerant Leakage Detect

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.



Self-diagnosis and Auto-protection

Once abnormal operation or parts failure happen, the unit will shut off automatically to protect the system. Meanwhile it will indicate protection or error code for fast service.



Chassis Heating Belt

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



Compressor Heating Belt

Heating belt is fitted on the compressor of the outdoor unit to prevent frosting water accumulation, which improves heat transfer efficiency.



Manual ON/OFF

You can easily turn on/off your AC by pressing the manual switch button without using a remote controller or any special tools.



Digital Display

To check the operational status of your unit, press any button on the remote control to display the current status.



2-way Draining

Both left and right sides of the indoor unit are possible for outstretch of connective piping and drainage hose for easy installation.



Timer

Set the unit to start and stop automatically in a 24h period.



Wired Control

Compared with an infrared remote controller, a wired controller can be fixed on the wall and makes air conditioner operation more convenient.



Mono & Multi Compatible

Compatible indoor unit for both mono and multi inverter system. It comes in handy for warehouse management.



Louver Position Memory

Horizontal louver will automatically move to the same position as you set last time when the unit turned on.



Auto Restart Function

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



Build-in Drain Pump

The drain pump can lift the condensing water up to 29 in.



Auto Defrosting

Prevent evaporator from freezing and maintain dehumidifying effect under low temperature environment.

MINI-SPLIT SYSTEMS

Premier Hyper Series



Single Zone and Universal Multi-Zone Compatibility

Indoor Unit	MEHSU-09PHH2
Outdoor Unit	MCHSU-09PHH2
Indoor Unit	MEHSU-12PHH2
Outdoor Unit	MCHSU-12PHH2
Indoor Unit	MEHSU-12PHH2
Outdoor Unit	MCHSU-12PHH2
Indoor Unit	MEHSU-24PHH2
Outdoor Unit	MCHSU-24PHH2

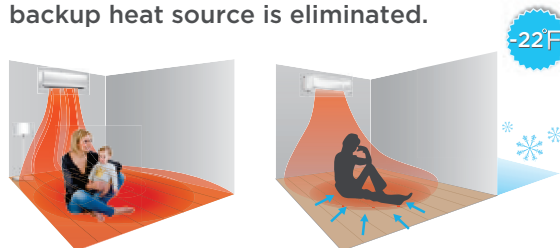


Standard Features



Hyper Heating Operation (Max -22°F)

Heat output capacity down to -22°F, so when it's cold outside, it will be warm inside; making this a primary heat source. The need for a backup heat source is eliminated.



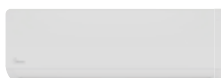
WiFi Kit

With the simple installation of an accessory kit, you can easily control each indoor unit that it is paired, from the Midea Smart Control app on your smart phone.



Optional Accessories





Specification ►

		NEW for 2016	NEW for 2016	NEW for 2016	NEW for 2016
Outdoor model		MCHSU-09PHH2	MCHSU-12PHH2	MCHSU-18PHH2	MCHSU-24PHH2
Indoor model		MEHSU-09PHH2	MEHSU-12PHH2	MEHSU-18PHH2	MEHSU-24PHH2
Indoor type		Wall Mount	Wall Mount	Wall Mount	Wall Mount
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	13000 (4500-14500)	12000 (5000-15500)	18000 (5500-24000)	25000 (6000-32000)
Low Temp Heating @-5°F	BTU/H	12,010	12,010	18,520	24,030
SEER	BTU / KW	24.7	21.5	22.2	20
HSPF	BTU / KW	10.5	10.8	10.2	9.5
EER	BTU / KW	14	12.3	12.3	12.1
Cooling Operating Range	F ° Degrees	-22-122	-22-122	-22-122	-22-122
Heating Operating Range	F ° Degrees	-22-86	-22-86	-22-86	-22-86
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	294/250/147	681/500/353	681/470/324
Indoor Noise Level: Hi/Low	DBa	40/27	41.0/25.5	47.5/35.5	50.0/33.5
Outdoor Noise Level Cooling	DBa	57	56	58	61
Outdoor Noise Level Heating	DBa	57	56	58	61
Air Direction Horizontal	Deg Angle	Automatic	Automatic	Automatic	Automatic
Air Filter	Type	Washable	Washable	Washable	Washable
Connection	Type	Flare	Flare	Flare	Flare
Combined Minimum Length	Feet	10	10	10	10
Combined Maximum Length	Feet	82	82	98	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	18.3/87.0	18.3/88.1	28.6/107.6	28.8/141.1
Height Condensing Unit	Inches	21.81	21.81	23.9	31.89
Depth Condensing Unit	Inches	13.11	13.11	14.17	16.14
Width Condensing Unit	Inches	31.5	31.5	35.98	40.55
Height Evaporator	Inches	11.81	11.81	13.31	13.31
Depth Evaporator	Inches	7.87	7.87	9.25	9.25
Width Evaporator	Inches	31.89	31.89	42.91	42.91
Refrigerant	Oz	R410A/39.5	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")

