As an ENERGY STAR partner, Midea has determined that appliances marked with the ENERGY STAR logo meet the ENERGY STAR guidelines for energy efficiency.

Before purchasing an ENERGY STAR qualified appliance, read important information about its estimated annual energy consumption or energy efficiency rating that is available from your retailer, www.midea.com, or www.energystar.gov
Midea Company Profile

Established in 1968, Midea Group has grown into a leading consumer appliances and HVAC systems manufacturer. With over 108,000 employees, the group achieved a global turnover of US$23 billion in 2014. Midea has over 20 production bases worldwide and more than 60 overseas branches. Our products are exported to over 200 countries and regions around the world.

- World’s No. 1 Brand of Air Treatment Products
  *Source: Euromonitor 2014

- Accumulated Global Sales up to 120,000,000 Units
  *Source: Midea Brand AC Accumulated Sales 09.2015

- Forbes 500 Companies

- 30 Years Professional Experience in Refrigeration
Global Footprint

Midea has an annual production capacity of over 45 million units, spread amongst 6 international production bases and within China. Midea manufactures or markets a full range of RAC/HVAC products for nearly every country in the world.

Research and Development

Every year Midea invests at least 3% of global revenues into RAC/HVAC research and development. Three world-class Research Institutes bring together over 1,000 engineers to develop and to innovate the very best in RAC/HVAC technology and manufacturing processes.

Quality Assurance

Strict product life cycle management, leading testing equipment, and a commitment to quality has established Midea’s reputation as a reliable manufacturer of quality products. Midea products can be certified by most major international consumer testing standards.

Quality Management

Certifications

The Benefits of a Mini-Split System

Mini-Split System

Mini-split products are a convenient, economical and energy-efficient air conditioning and heating solution that can be used in one room or expanded to multiple rooms.

Installing or expanding an existing air conditioning and heating system can be daunting and expensive, with all the ductwork that has to be completed. A mini-split system is the perfect solution that focuses on comfort for individual rooms or spaces.

Easy to Install

Rather than running additional ductwork throughout a home or building, ductless systems pump cool or heated refrigerant through small lines directly to the wall- or ceiling mounted air-handling units inside the room, requiring minimal labor.

Quiet Operation

The system condenser is conveniently placed outside, with lines connecting to the wall-mounted unit inside. Because this unit is not placed within the home or in the window, mini-split systems offer an extremely quiet cooling option.

Energy Savings

Inverter technology was designed to provide energy efficiency; allowing the mini-split systems to automatically adjust speed and output, therefore only the amount of energy needed to meet the cooling requirements is used. Many Midea products have earned the Energy Star seal, which is recognized as the leading international rating standard for energy-efficient consumer products.

Cost Efficient

Mini-split systems offer the advantages of central air conditioning without the associated costs. They are not only designed to be efficient, but also save money.

• Lower installation costs.
• No ducts where energy can be lost; duct losses can account for more than 30% of energy consumption in central air conditioning systems.
• Individual room temperature control, provides ideal comfort.
• Reduced electric bills.
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.

**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.

**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.**

**Quiet 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.

**Flexibility of Multi-Zone Systems**

With multiple configurations and capacities available, the Midea mini-split system is the perfect solution for all heating and cooling needs. With Universal Matching, up to 5 rooms can operate at different temperatures to ensure comfort and efficiency.
Optional Accessories

**Wired Controller**  NEW
Compared with infrared remote controller, wired controller can be fixed on the wall and makes air conditioner control more convenient.

- Model: 120G1, 120G2

**Interface Kit**  NEW
The Interface Kit is used with wired controller 120G2 to connect to preimer high wall units.

- Model: Interface Kit for 120G1

**Electronic Panel (Wireless Eye)**  NEW
The Electronic Panel is used with the Duct Type units which helps with cleaning or replacement of the filter.

- Model: Electronic Panel (Wireless Eye)

**Front Board**
The Front Board is used with the Duct Type units which can be easily installed and is washable. Available for all 9k - 48k systems.

- Model: Front Board

**Filter**
The Filter is used with the Duct Type units which can be easily installed and is washable. Available for all 9k - 48k systems.

- Model: Filter

**Cassette Drop Down Panel**  NEW
The Cassette Drop Down Panel is used with the large cassette 24k - 48k. This will allow the cassette system. It comes in handy for users who wish to clean or replace the filter.

- Model: Drop Down Panel G2

---

**Model:**
- **Piping Kit 1**: PJX-1
  - Piping Kit 1 is 25ft kit with 1/2” suction and 1/4” liquid refrigerant lines.
  - Available on all Premier wall mounted units.
  - Connects to any of wall and makes air conditioner control more convenient.

- **Piping Kit 2**: PJX-2
  - Piping Kit 2 is 25ft kit with 3/8” suction and 1/2” liquid refrigerant lines.
  - Includes all refrigerant lines.
  - Available for all 9k – 48k systems.

- **Piping Kit 3**: PJX-3
  - Piping Kit 3 is 25ft kit with 5/8” suction and 3/8” liquid refrigerant lines.
  - Available for all 9k – 48k systems.

---

**New 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 1.5 hours, to maintain the set temperature more accurately. This function maintains both energy savings and comfort at night.

- **Follow Me (Remote Thermostat)**
Temperature sensor built-in on the remote control 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 room.

- **Low Ambient Cooling**
Effectively prevents bacteria breeding and improve heat transfer efficiency. The unique Golden Fin technology on the condenser can withstand the salty air, rain and other corrosive elements.

- **Chassis Heating Belt**
Heat transfer efficiency. The unique Golden Fin technology on the condenser can withstand the salty air, rain and other corrosive elements.

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

- **Golden Fin**
Effectively prevents bacteria breeding and improve heat transfer efficiency. The unique Golden Fin technology on the condenser can withstand the salty air, rain and other corrosive elements.

- **Auto Restart**
Set the unit to start and stop automatically in 24h period. If the air conditioner shuts off unexpectedly due to a power cut, it will restart with the same operation, which prevents the unit from working automatically when the power resumes.

---

**Turbo Function**
If the air conditioner shuts off unexpectedly due to a power cut, it will restart with the same operation, which prevents the unit from working automatically when the power resumes.

---

**360° Air Outlet**
360° air outlet creates a soft and gentle air flow which circulates throughout the whole room.

---

**Digital Display**
In 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 automatic condensate drainage, which improves heat transfer efficiency.

---

**Manual ON/OFF**
You can easily turn on/off your AC by pressing the manual switch which can save energy. With a wired controller, any special tools are unnecessary.

---

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

---

**Mono & Multi Compatible**
Compatible indoor unit for both mono and multi inverter systems. It comes in handy for users who wish to clean or replace the filter.

---

**Louver Position Memory**
Horizontal/vertical will automatically move to the same position as you set last time when the unit turned on.

---

**Auto Defrosting**
Prevent evaporator from freezing under low temperature environment.

---

**Refrigerant Leakage Detect**
Indoor unit shows error code “LC” and chills automatically when refrigerant leakage is detected. This protects the compressor from high pressure damage due to refrigerant leakage.

---

**Self-diagnosis and Auto-protection**
Once accidental operation of parts happens, the unit will shut off automatically to protect the system. Meanwhile it will indicate protection or error code for fast service.

---

**Installable Kit**
Installation Kit 1 is a 9.5ft kit with 3/8” suction and 1/4” liquid refrigerant lines.

- Model: Installation Kit 1

---

**Installation Kit 2**
Installation Kit 2 is a 15ft kit with 5/8” suction and 3/8” liquid refrigerant lines.

- Model: Installation Kit 2

---

**Installation Kit 3**
Installation Kit 3 is a 15ft kit with 3/8” suction and 1/4” liquid refrigerant lines.

- Model: Installation Kit 3

---

**Model:**
- **Piping Kit 1**: PJX-1
  - Available on all Premier wall mounted units.
  - Connects to any of wall and makes air conditioner control more convenient.

- **Piping Kit 2**: PJX-2
  - Available for all 9k – 48k systems.

- **Piping Kit 3**: PJX-3
  - Available for all 9k – 48k systems.

---

**Filter**
The Filter is used with the Duct Type units which can be easily installed and is washable. Available for all 9k - 48k systems.

- Model: Filter

---

**Front Board**
The Front Board is used with the Duct Type units which can be easily installed and is washable. Available for all 9k - 48k systems.

- Model: Front Board

---

**Electronic Panel (Wireless Eye)**
The Electronic Panel is used with the Duct Type units which helps with cleaning or replacement of the filter.

- Model: Electronic Panel (Wireless Eye)
### Single Zone Mini-Splits

<table>
<thead>
<tr>
<th>Series</th>
<th>Appearance</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEW Premier Hyper</td>
<td>Line Zero Heat Pump to -22F</td>
<td>DC Inverter</td>
</tr>
<tr>
<td>NEW Premier</td>
<td></td>
<td>DC Inverter</td>
</tr>
<tr>
<td>NEW Premier 115V</td>
<td></td>
<td>DC Inverter</td>
</tr>
<tr>
<td>Neola Entry Level Heat Pump</td>
<td></td>
<td>DC Inverter</td>
</tr>
<tr>
<td>Neola 115V</td>
<td></td>
<td>DC Inverter</td>
</tr>
</tbody>
</table>

### Single Zone Light Commercial

<table>
<thead>
<tr>
<th>Series</th>
<th>Appearance</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEW</td>
<td>Compact Round Flow Cassette</td>
<td>DC Inverter</td>
</tr>
<tr>
<td>NEW</td>
<td>Super Slim Round Flow Cassette</td>
<td>DC Inverter</td>
</tr>
<tr>
<td>NEW</td>
<td>Ceiling &amp; Floor</td>
<td>DC Inverter</td>
</tr>
<tr>
<td>NEW</td>
<td>Cassette</td>
<td>DC Inverter</td>
</tr>
<tr>
<td>Duct</td>
<td></td>
<td>DC Inverter</td>
</tr>
</tbody>
</table>

### Premier Multi-Zone Indoor Unit

<table>
<thead>
<tr>
<th>Series</th>
<th>Appearance</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEW Premier Mix Split</td>
<td></td>
<td>DC Inverter</td>
</tr>
<tr>
<td>NEW</td>
<td>Compact Round Flow Cassette</td>
<td>DC Inverter</td>
</tr>
<tr>
<td>NEW</td>
<td>Super Slim Round Flow Cassette</td>
<td>DC Inverter</td>
</tr>
<tr>
<td>NEW</td>
<td>Ceiling &amp; Floor</td>
<td>DC Inverter</td>
</tr>
<tr>
<td>NEW</td>
<td>Cassette</td>
<td>DC Inverter</td>
</tr>
<tr>
<td>Duct</td>
<td></td>
<td>DC Inverter</td>
</tr>
</tbody>
</table>

### Outdoor Units

<table>
<thead>
<tr>
<th>Series</th>
<th>Appearance</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEW</td>
<td>Universal Outdoor Units</td>
<td>DC Inverter</td>
</tr>
<tr>
<td>NEW Multi-Zone (1-2)</td>
<td></td>
<td>DC Inverter</td>
</tr>
<tr>
<td>NEW Multi-Zone (2-3)</td>
<td></td>
<td>DC Inverter</td>
</tr>
<tr>
<td>NEW Multi-Zone (2-4)</td>
<td></td>
<td>DC Inverter</td>
</tr>
<tr>
<td>NEW Multi-Zone (2-5)</td>
<td></td>
<td>DC Inverter</td>
</tr>
</tbody>
</table>

### Standard and Optional Accessories

<table>
<thead>
<tr>
<th>Model</th>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>WiFi Kit 1</td>
<td></td>
<td>WiFi Kit</td>
</tr>
<tr>
<td>WiFi Kit 2</td>
<td></td>
<td>WiFi Kit</td>
</tr>
<tr>
<td>WiFi Kit 3</td>
<td></td>
<td>WiFi Kit</td>
</tr>
<tr>
<td>Interface Kit</td>
<td></td>
<td>Interface Kit for 120G1</td>
</tr>
<tr>
<td>Front Board A</td>
<td></td>
<td>Front Board A0007</td>
</tr>
<tr>
<td>Front Board B</td>
<td></td>
<td>Front Board A0008</td>
</tr>
<tr>
<td>Front Board C</td>
<td></td>
<td>Front Board A0009</td>
</tr>
<tr>
<td>Front Board D</td>
<td></td>
<td>Front Board A0010</td>
</tr>
<tr>
<td>Filter 90001</td>
<td></td>
<td>Filter 90003</td>
</tr>
<tr>
<td>Filter 90002</td>
<td></td>
<td>Filter 90012</td>
</tr>
<tr>
<td>Filter 90004</td>
<td></td>
<td>Filter 90011</td>
</tr>
<tr>
<td>Filter 90005</td>
<td></td>
<td>Filter 90006</td>
</tr>
<tr>
<td>Filter 90006</td>
<td></td>
<td>Filter 90007</td>
</tr>
<tr>
<td>Electronic Panel A</td>
<td></td>
<td>Electronic Panel (Wireless Eye) A0025</td>
</tr>
<tr>
<td>Electronic Panel B</td>
<td></td>
<td>Electronic Panel (Wireless Eye) A0026</td>
</tr>
<tr>
<td>Electronic Panel C</td>
<td></td>
<td>Electronic Panel (Wireless Eye) A0027</td>
</tr>
<tr>
<td>Electronic Panel D</td>
<td></td>
<td>Electronic Panel (Wireless Eye) A0028</td>
</tr>
<tr>
<td>Electronic Panel E</td>
<td></td>
<td>Electronic Panel (Wireless Eye) A0029</td>
</tr>
<tr>
<td>Cassette Drop Down Panel</td>
<td></td>
<td>Cassette Drop Down Panel Drop Down Panel 02</td>
</tr>
<tr>
<td>Installation Kit 1</td>
<td></td>
<td>Installation Kit 1, (1/2-1/4) 9.5 ft Installation Kit 1</td>
</tr>
<tr>
<td>Installation Kit 2</td>
<td></td>
<td>Installation Kit 2, (1/4-3/8) 15 ft Installation Kit 2</td>
</tr>
<tr>
<td>Installation Kit 3</td>
<td></td>
<td>Installation Kit 3, (3/8-5/8) 15 ft Installation Kit 3</td>
</tr>
<tr>
<td>Piping Kit</td>
<td></td>
<td>Piping Kit, (1/4-3/8) 25 ft PJX-1</td>
</tr>
<tr>
<td>Piping Kit 2</td>
<td></td>
<td>Piping Kit, (1/2-1/4) 25 ft PJX-2</td>
</tr>
<tr>
<td>Piping Kit 3</td>
<td></td>
<td>Piping Kit, (3/8-5/8) 25 ft PJX-3</td>
</tr>
</tbody>
</table>

### Additional Features
- **Hyper Heat to -13F**
- **Max Hyper Heat to -22F**
- **Energy Star**
- **Golden Fin**
- **Timer**
- **Auto Restart**
- **Auto Swing**
- **Sleep Mode**
- **Fresh Air**
- **Auto Defrost**
- **360° Air Flow Panel**
- **Built in Drain Pump**
- **2 Way Draining**
- **Self Diagnosis and Auto- protection**
- **Turbo Mode**
- **Follow Me (Remote Thermostat)**
- **Extended Piping Line Set (213')**
- **Refrigerant Leakage Detect**
- **Low Ambient Cooling**
- **Louver Position Memory Function**
- **Chassis Heating Belt**
- **Compressor Heating Belt**
- **Non Hyper to 5F**
- **Max Hyper Heat to -22F**
- **Refrigerant Leakage Detect**
- **Auto Restart**
- **Auto Swing**
- **Sleep Mode**
- **Fresh Air**
- **Auto Defrost**
- **360° Air Flow Panel**
- **Built in Drain Pump**
- **2 Way Draining**
- **Self Diagnosis and Auto- protection**
- **Turbo Mode**
- **Follow Me (Remote Thermostat)**
- **Extended Piping Line Set (213')**
- **Refrigerant Leakage Detect**
- **Low Ambient Cooling**
- **Louver Position Memory Function**
- **Chassis Heating Belt**
- **Compressor Heating Belt**
- **Non Hyper to 5F**

**Note:** Please refer to the Indoor Model Number for the correct selection of the Front Board, Filter and Electronic Panel.
### Neola Series Specifications

<table>
<thead>
<tr>
<th>Outdoor model</th>
<th>MCHS-09NiH1</th>
<th>MCHS-12NiH1</th>
<th>MCHS-09NiH2</th>
<th>MCHS-12NiH2</th>
<th>MCHS-12NiH1</th>
<th>MCHS-12NiH2</th>
<th>MCHS-22NiH2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indoor model</td>
<td>MEHS-09NiH1</td>
<td>MEHS-12NiH1</td>
<td>MEHS-09NiH2</td>
<td>MEHS-12NiH2</td>
<td>MEHS-12NiH1</td>
<td>MEHS-12NiH2</td>
<td>MEHS-22NiH2</td>
</tr>
<tr>
<td>Indoor type</td>
<td>Wall Mount</td>
<td>Wall Mount</td>
<td>Wall Mount</td>
<td>Wall Mount</td>
<td>Wall Mount</td>
<td>Wall Mount</td>
<td>Wall Mount</td>
</tr>
<tr>
<td>AHRI#</td>
<td>7990684</td>
<td>7990685</td>
<td>7990686</td>
<td>7990687</td>
<td>7990688</td>
<td>7990689</td>
<td></td>
</tr>
<tr>
<td>Energy Star</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Performance</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nominal Cooling</td>
<td>BTUH</td>
<td>9000(2600-10000)</td>
<td>12000(3200-15000)</td>
<td>9000(2600-10000)</td>
<td>12000(3200-15000)</td>
<td>9000(2600-10000)</td>
<td>12000(3200-15000)</td>
</tr>
<tr>
<td>Nominal Heating</td>
<td>BTUH</td>
<td>9000(2600-10000)</td>
<td>12000(3200-15000)</td>
<td>9000(2600-10000)</td>
<td>12000(3200-15000)</td>
<td>9000(2600-10000)</td>
<td>12000(3200-15000)</td>
</tr>
<tr>
<td>Low Temp Heating</td>
<td>@5°F</td>
<td>9.0</td>
<td>10.0</td>
<td>9.0</td>
<td>10.0</td>
<td>9.0</td>
<td>10.0</td>
</tr>
<tr>
<td>Cooling Range</td>
<td>F° Degrees</td>
<td>5.0-100</td>
<td>5.0-100</td>
<td>5.0-100</td>
<td>5.0-100</td>
<td>5.0-100</td>
<td>5.0-100</td>
</tr>
<tr>
<td>Maximum Wind</td>
<td>56</td>
<td>56</td>
<td>56</td>
<td>56</td>
<td>56</td>
<td>56</td>
<td>56</td>
</tr>
<tr>
<td>Electric</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voltage / Phase</td>
<td>F° Degrees</td>
<td>115/230, 1ph</td>
<td>115/230, 1ph</td>
<td>115/230, 1ph</td>
<td>115/230, 1ph</td>
<td>115/230, 1ph</td>
<td>115/230, 1ph</td>
</tr>
<tr>
<td>Air Filter</td>
<td>Automatic</td>
<td>Automatic</td>
<td>Automatic</td>
<td>Automatic</td>
<td>Automatic</td>
<td>Automatic</td>
<td>Automatic</td>
</tr>
<tr>
<td>Air Delivery</td>
<td>Automatic</td>
<td>Automatic</td>
<td>Automatic</td>
<td>Automatic</td>
<td>Automatic</td>
<td>Automatic</td>
<td>Automatic</td>
</tr>
<tr>
<td>Connection Pipe Size</td>
<td>Suction</td>
<td>Φ6.35/Φ9.52(1/4”/3/8”)</td>
<td>Φ6.35/Φ9.52(1/4”/3/8”)</td>
<td>Φ6.35/Φ12.7(1/4”/1/2”)</td>
<td>Φ6.35/Φ12.7(1/4”/1/2”)</td>
<td>Φ6.35/Φ12.7(1/4”/1/2”)</td>
<td>Φ6.35/Φ12.7(1/4”/1/2”)</td>
</tr>
<tr>
<td>Refrigerant piping</td>
<td>Liquid Side</td>
<td>64.309(5/16”/1/2”)</td>
<td>64.359(5/16”/1/2”)</td>
<td>64.359(5/16”/1/2”)</td>
<td>64.359(5/16”/1/2”)</td>
<td>64.359(5/16”/1/2”)</td>
<td>64.359(5/16”/1/2”)</td>
</tr>
</tbody>
</table>

### Standard Features
- Chassis Heating
- Indoor Unit: MEHS-09NiH1
- Outdoor Unit: MCHS-09NiH1
- Indoor Unit: MEHS-12NiH1
- Outdoor Unit: MCHS-12NiH1
- Indoor Unit: MEHS-09NiH2
- Outdoor Unit: MCHS-09NiH2
- Indoor Unit: MEHS-12NiH2
- Outdoor Unit: MCHS-12NiH2
- Indoor Unit: MEHS-18NiH2
- Outdoor Unit: MCHS-18NiH2
- Indoor Unit: MEHS-22NiH2
- Outdoor Unit: MCHS-22NiH2

### Optional Accessories
- Installation Kit 1
- Installation Kit 2
- Installation Kit 3
- Piping Kit 1
- Piping Kit 2
- Piping Kit 3
- Golden Fin
- Auto Restart Function

### Neola Series Features
- Single Zone Mini-Splits
- 2 Way Draining Connection
- Optional Accessories
- 5 Year Limited Warranty
- Energy Star Rated

---

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

**2 Way Draining Connection**
Both left and right sides of the indoor unit are possible for outstretch of connective piping and drainage hose for easy installation.
Premier Hyper Series Systems

**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-18PHH2
- **Outdoor Unit**: MCHSU-18PHH2
- **Indoor Unit**: MEHSU-24PHH2
- **Outdoor Unit**: MCHSU-24PHH2

**Standard Features**

- Sleep Mode
- Temperature Compensation
- Refrigerant Leakage Detect
- Compressor Heating Belt
- Belt
- Piping Kit 1
- Piping Kit 2
- Piping Kit 3
- Liquid line piping (for Multi)

**Optional Accessories**

- Wired Control
- Interface Kit (for LED)
- Auto Restart Function
- Follow Me
- WiFi
- Heating Belt
- Compressor
- Condensation Line Size
- Connection Pipe Size
- Air Filter
- Air Direction Horizontal
- Outdoor Noise Level Heating
- Indoor Noise Level: Hi/Med/Low
- Air Circulation Hi / Med / Low
- Recommended Fuse Size
- Running (Cool / Heat)
- Minimum Circuit Ampacity
- Recommended In / Out Cable
- Voltage / Phase / Frequency
- Heating Operating Range
- Cooling Operating Range
- EER
- HSPF
- SEER
- Low Temp Heating @-5°F
- Nominal Heating
- Nominal Cooling
- Energy Star
- AHRI #

**Hyper Heating Operation (Max -22°F)**

Heat output capacity down to -22°F, so when its 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.

**Premier Hyper Series Systems**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Outdoor model</strong></td>
<td>MCHSU-09PHH2</td>
<td>MCHSU-09PHH2</td>
<td>MCHSU-12PHH2</td>
<td>MCHSU-12PHH2</td>
</tr>
<tr>
<td><strong>Indoor model</strong></td>
<td>MEHSU-09PHH2</td>
<td>MEHSU-09PHH2</td>
<td>MEHSU-12PHH2</td>
<td>MEHSU-12PHH2</td>
</tr>
<tr>
<td><strong>Indoor type</strong></td>
<td>Wall Mount</td>
<td>Wall Mount</td>
<td>Wall Mount</td>
<td>Wall Mount</td>
</tr>
<tr>
<td><strong>Unit No</strong></td>
<td>275501</td>
<td>275502</td>
<td>275701</td>
<td>275702</td>
</tr>
<tr>
<td><strong>Energy Star</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Performance</strong></th>
<th><strong>New for 2016</strong></th>
<th><strong>New for 2016</strong></th>
<th><strong>New for 2016</strong></th>
<th><strong>New for 2016</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ratem Heating</strong></td>
<td>BTU/min</td>
<td>BTU/min</td>
<td>BTU/min</td>
<td>BTU/min</td>
</tr>
<tr>
<td><strong>Heat Output</strong></td>
<td>36000 (1300-116000)</td>
<td>12000 (800-160000)</td>
<td>12000 (800-140000)</td>
<td>12000 (800-120000)</td>
</tr>
<tr>
<td><strong>Output Power</strong></td>
<td>10.5</td>
<td>10.5</td>
<td>9</td>
<td>9</td>
</tr>
<tr>
<td><strong>BTU / kW</strong></td>
<td>12010</td>
<td>12010</td>
<td>15820</td>
<td>15820</td>
</tr>
<tr>
<td><strong>Input Power</strong></td>
<td>12000 (5000-15500)</td>
<td>12000 (4000-13800)</td>
<td>12000 (4000-13800)</td>
<td>12000 (4000-13800)</td>
</tr>
<tr>
<td><strong>Input Power</strong></td>
<td>12000 (5000-15500)</td>
<td>12000 (4000-13800)</td>
<td>12000 (4000-13800)</td>
<td>12000 (4000-13800)</td>
</tr>
</tbody>
</table>

**Electrical**

- **Voltage / Phase / Frequency**: 200-220V~ 60Hz, 1Ph
- **Recommended In / Out Cable**: 16AWG4, Stranded, Unshielded
- **Minimum Circuit Ampacity**: 15
- **Recommended In / Out Cable**: 16AWG4, Stranded, Unshielded
- **Recommended In / Out Cable**: 16AWG4, Stranded, Unshielded
- **Recommended In / Out Cable**: 16AWG4, Stranded, Unshielded

**Technical Details**

- **Electrical Specifications**: 208-230V~ 60Hz, 1Ph, 16AWG/4 Stranded, Unshielded
- **Refrigerant piping**: Φ6.35/Φ9.52(1/4”/3/8”)
- **Outdoor Noise Level Cooling**: 38.5/23/24.5 DBa
- **Air Filter Type**: Automatic
- **Ventilation (Enter / Exit)**: Air Circulation Hi / Med / Low
- **Condenser Water Discharge**: 18 L/min
- **Condenser Water Discharge**: 18 L/min
- **Condenser Water Discharge**: 18 L/min
- **Condenser Water Discharge**: 18 L/min

**Specification Details**

- **Wall Mount**: MCHSU-09PHH2
- **Wall Mount**: MEHSU-09PHH2
- **Wall Mount**: MCHSU-12PHH2
- **Wall Mount**: MEHSU-12PHH2
- **Wall Mount**: MCHSU-18PHH2
- **Wall Mount**: MEHSU-18PHH2
- **Wall Mount**: MCHSU-24PHH2
- **Wall Mount**: MEHSU-24PHH2

<table>
<thead>
<tr>
<th>Specification</th>
<th><strong>NEW for 2016</strong></th>
<th><strong>NEW for 2016</strong></th>
<th><strong>NEW for 2016</strong></th>
<th><strong>NEW for 2016</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Indoor model</strong></td>
<td>MCHSU-09PHH2</td>
<td>MCHSU-09PHH2</td>
<td>MCHSU-12PHH2</td>
<td>MCHSU-12PHH2</td>
</tr>
<tr>
<td><strong>Indoor model</strong></td>
<td>MEHSU-09PHH2</td>
<td>MEHSU-09PHH2</td>
<td>MEHSU-12PHH2</td>
<td>MEHSU-12PHH2</td>
</tr>
<tr>
<td><strong>Indoor type</strong></td>
<td>Wall Mount</td>
<td>Wall Mount</td>
<td>Wall Mount</td>
<td>Wall Mount</td>
</tr>
<tr>
<td><strong>Unit No</strong></td>
<td>275501</td>
<td>275502</td>
<td>275701</td>
<td>275702</td>
</tr>
<tr>
<td><strong>Energy Star</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Performance**

- **Ratem Heating**: BTU/min
- **Heat Output**: BTU/min
- **Output Power**: BTU/min
- **Input Power**: BTU/min
- **Input Power**: BTU/min

**Electrical**

- **Voltage / Phase / Frequency**: 200-220V~ 60Hz, 1Ph
- **Recommended In / Out Cable**: 16AWG4, Stranded, Unshielded
- **Minimum Circuit Ampacity**: 15
- **Recommended In / Out Cable**: 16AWG4, Stranded, Unshielded
- **Recommended In / Out Cable**: 16AWG4, Stranded, Unshielded
- **Recommended In / Out Cable**: 16AWG4, Stranded, Unshielded

**Technical Details**

- **Electrical Specifications**: 208-230V~ 60Hz, 1Ph, 16AWG/4 Stranded, Unshielded
- **Refrigerant piping**: Φ6.35/Φ9.52(1/4”/3/8”)
- **Outdoor Noise Level Cooling**: 38.5/23/24.5 DBa
- **Air Filter Type**: Automatic
- **Ventilation (Enter / Exit)**: Air Circulation Hi / Med / Low
- **Condenser Water Discharge**: 18 L/min
- **Condenser Water Discharge**: 18 L/min
- **Condenser Water Discharge**: 18 L/min
- **Condenser Water Discharge**: 18 L/min

**Specification Details**

- **Wall Mount**: MCHSU-09PHH2
- **Wall Mount**: MEHSU-09PHH2
- **Wall Mount**: MCHSU-12PHH2
- **Wall Mount**: MEHSU-12PHH2
- **Wall Mount**: MCHSU-18PHH2
- **Wall Mount**: MEHSU-18PHH2
- **Wall Mount**: MCHSU-24PHH2
- **Wall Mount**: MEHSU-24PHH2

<table>
<thead>
<tr>
<th>Specification</th>
<th><strong>NEW for 2016</strong></th>
<th><strong>NEW for 2016</strong></th>
<th><strong>NEW for 2016</strong></th>
<th><strong>NEW for 2016</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Indoor model</strong></td>
<td>MCHSU-09PHH2</td>
<td>MCHSU-09PHH2</td>
<td>MCHSU-12PHH2</td>
<td>MCHSU-12PHH2</td>
</tr>
<tr>
<td><strong>Indoor model</strong></td>
<td>MEHSU-09PHH2</td>
<td>MEHSU-09PHH2</td>
<td>MEHSU-12PHH2</td>
<td>MEHSU-12PHH2</td>
</tr>
<tr>
<td><strong>Indoor type</strong></td>
<td>Wall Mount</td>
<td>Wall Mount</td>
<td>Wall Mount</td>
<td>Wall Mount</td>
</tr>
<tr>
<td><strong>Unit No</strong></td>
<td>275501</td>
<td>275502</td>
<td>275701</td>
<td>275702</td>
</tr>
<tr>
<td><strong>Energy Star</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Premier Series

**Single Zone Mini-Splits**

Indoor Unit  | MEHS-09PSH1  | MCHS-09PSH1  
Outdoor Unit | MCHS-09PSH1  | MCHS-09PSH1  
Indoor Unit  | MEHS-12PSH1  | MCHS-12PSH1  
Outdoor Unit | MCHS-12PSH1  | MCHS-12PSH1  
Indoor Unit  | MEHS-30PSH2  | MCHS-30PSH2  
Outdoor Unit | MCHS-30PSH2  | MCHS-30PSH2  
Indoor Unit  | MEHS-36PSH2  | MCHS-36PSH2  
Outdoor Unit | MCHS-36PSH2  | MCHS-36PSH2  

**Optional Accessories**

- Piping Kit 1
- Piping Kit 2
- Piping Kit 3
- Interface Kit 3
- Installation Kit 3
- Wireless Control
- Built-in Wi-Fi
- Built-in Control
- Built-in Management

**Standard Features**

- Group Mode
- Temperature Compensation
- Refrigerant Leakage Detect
- Compressor Heating Belt
- Outdoor Unit
- Indoor Unit
- Outdoor Unit
- Indoor Unit
- Outdoor Unit
- Indoor Unit
- Outdoor Unit
- Indoor Unit

**Extra Low Temperature Heating**

Heat output capacity down to -15°F, so when its cold outside, it will be warm inside making this a primary heat source. The need for a backup heat source is eliminated.

**Golden Fin**

The unique anticorrosive golden coating on the condenser can withstand salty air, rain and other corrosive elements. It also prevents bacteria breeding and improves heat transfer efficiency.

**Specification**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Outdoor model</td>
<td>MEHS-09PSH1</td>
<td>MEHS-12PSH1</td>
<td>MEHS-30PSH2</td>
<td>MEHS-36PSH2</td>
</tr>
<tr>
<td>Indoor model</td>
<td>MEHS-09PSH1</td>
<td>MEHS-12PSH1</td>
<td>MEHS-30PSH2</td>
<td>MEHS-36PSH2</td>
</tr>
<tr>
<td>Piping Kit 1</td>
<td>MEHS-09PSH1</td>
<td>MEHS-12PSH1</td>
<td>MEHS-30PSH2</td>
<td>MEHS-36PSH2</td>
</tr>
<tr>
<td>Piping Kit 2</td>
<td>MEHS-09PSH1</td>
<td>MEHS-12PSH1</td>
<td>MEHS-30PSH2</td>
<td>MEHS-36PSH2</td>
</tr>
<tr>
<td>Piping Kit 3</td>
<td>MEHS-09PSH1</td>
<td>MEHS-12PSH1</td>
<td>MEHS-30PSH2</td>
<td>MEHS-36PSH2</td>
</tr>
</tbody>
</table>

**Premier Series**

- MCHS-36PSH2
- MEHS-36PSH2
- MCHS-30PSH2
- MEHS-30PSH2
- MCHS-12PSH1
- MEHS-12PSH1
- MCHS-09PSH1
- MEHS-09PSH1

**New for 2016**

- MCHS-36PSH2
- MEHS-36PSH2
- MCHS-30PSH2
- MEHS-30PSH2
- MCHS-12PSH1
- MEHS-12PSH1
- MCHS-09PSH1
- MEHS-09PSH1

**A/C Type**

- 294/253/159 294/254/159
- 38.5/34/27 38.5/34/27
- 8779199 8779200 8779205 8779206

**Recommended Fuse Size**

- 5Amps
- 20Amps

**Recommended Piping Size**

- Φ6.35/Φ9.52(1/4”/3/8”)
- Φ6.35/Φ12.7(1/4”/1/2”)

**Development Channel**

- R-410AR-410A

**Heating Belt**

- Wi-Fi

**Function**

- Follow Me
- Rechargeable Memory
- Heating Belt

**Draining**

- Refrigerant piping - 16AWG/4 Stranded, Unshielded
- Refrigerant piping - 16AWG/4 Stranded, Unshielded

**Electrical**

- 10.8 / 11 15.3 / 13.8
- 9.8 / 11 11.5 / 9.5
- 208 / 230V~ 60Hz, 1Ph 208 / 230V~ 60Hz, 1Ph

**Performance**

- Heating Output Capacity: 12000 (3000-13000)
- Cooling: 35000 (9000-34000)
- Heating: 35000 (8000-30500)
- Cooling: 36000 (9000-37000)

**Outdoor Unit**

- 10.8 / 11 15.3 / 13.8
- 9.8 / 11 11.5 / 9.5
- 208 / 230V~ 60Hz, 1Ph 208 / 230V~ 60Hz, 1Ph

**Indoor Unit**

- 10.8 / 11 15.3 / 13.8
- 9.8 / 11 11.5 / 9.5
- 208 / 230V~ 60Hz, 1Ph 208 / 230V~ 60Hz, 1Ph

**AHRI #**

- 8779199 8779200 8779205 8779206

**Efficiency**

- Heat output capacity down to -15°F, so when its cold outside, it will be warm inside making this a primary heat source. The need for a backup heat source is eliminated.

- The unique anticorrosive golden coating on the condenser can withstand salty air, rain and other corrosive elements. It also prevents bacteria breeding and improves heat transfer efficiency.
**Compact Round Flow Cassette Systems**

**Single Zone Universal And Multi-Zone Compatible**

<table>
<thead>
<tr>
<th>Indoor Unit</th>
<th>Outdoor Unit</th>
<th>Indoor Unit</th>
<th>Outdoor Unit</th>
<th>Indoor Unit</th>
<th>Outdoor Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEHSU-09CHC2</td>
<td>MCHSU-09PHH2</td>
<td>MEHSU-12CHC2</td>
<td>MCHSU-12PHH2</td>
<td>MEHSU-18CHC2</td>
<td>MCHSU-18PHH2</td>
</tr>
</tbody>
</table>

**Standard Features**

- Sleep Mode
- Auto Defrosting
- Low Ambient Cooling
- Mono & Multi Compatible

**Optional Accessories**

- Wired Control
- Build-in Drain Pump
- Auto Restart
- E-box Inside
- Piping Kit 1
- Piping Kit 2

**E-box Inside**

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

**Premier Hyper Series**

**Specification**

<table>
<thead>
<tr>
<th>NEW for 2016</th>
<th>NEW for 2018</th>
<th>NEW for 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Outdoor model</strong></td>
<td><strong>MEHEU-09HH2</strong></td>
<td><strong>MEHEU-12HH2</strong></td>
</tr>
<tr>
<td><strong>Indoor model</strong></td>
<td><strong>MEHEU-09HH2</strong></td>
<td><strong>MEHEU-12HH2</strong></td>
</tr>
<tr>
<td><strong>Indoor type</strong></td>
<td>Compact Cassette</td>
<td>Compact Cassette</td>
</tr>
</tbody>
</table>

**Energy Star**

<table>
<thead>
<tr>
<th>Model</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCHSU-09PHH2</td>
<td>8013111</td>
</tr>
<tr>
<td>MCHSU-12PHH2</td>
<td>8013112</td>
</tr>
<tr>
<td>MCHSU-18PHH2</td>
<td>8013115</td>
</tr>
</tbody>
</table>

**Performance**

<table>
<thead>
<tr>
<th>Nominal Cooling</th>
<th>BTU/H</th>
<th>BTU/H</th>
<th>BTU/H</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Heating</td>
<td>BTU/H</td>
<td>BTU/H</td>
<td>BTU/H</td>
</tr>
</tbody>
</table>

**Low Temp Heating @-2°F | BTU/H | BTU/H | BTU/H |

**360º Air Flow**

- **Panel**
- **Mono & Multi Compatible**
- **Low Ambient Cooling**

**R-410A**

- **16AWG/4 Stranded, Unshielded**

**Build-in Drain Pump**

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

**NEW for 2016**

<table>
<thead>
<tr>
<th>Model</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEHSU-09CHC2</td>
<td>8813811</td>
</tr>
<tr>
<td>MEHSU-12CHC2</td>
<td>8813812</td>
</tr>
<tr>
<td>MEHSU-18CHC2</td>
<td>8813815</td>
</tr>
</tbody>
</table>

**Recommended In / Out Cable**

- **10000 (4500-11000)**
- **12000 (5000-13000)**
- **16000 (4500-16000)**

**Recommended Fuse Size**

- **15**

**Specification**

<table>
<thead>
<tr>
<th>CFM</th>
<th>BTU</th>
<th>BTU</th>
<th>BTU</th>
</tr>
</thead>
<tbody>
<tr>
<td>CFM</td>
<td>BTU</td>
<td>BTU</td>
<td>BTU</td>
</tr>
</tbody>
</table>

**Electrical**

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Phase</th>
<th>Frequency</th>
<th>Amps</th>
</tr>
</thead>
<tbody>
<tr>
<td>208-230V~</td>
<td>1Ph</td>
<td>60Hz</td>
<td>15</td>
</tr>
</tbody>
</table>

**Physical**

<table>
<thead>
<tr>
<th>Weight (Indoor / Outdoor)</th>
<th>LBS</th>
<th>LBS</th>
<th>LBS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height Condensing Unit</td>
<td>25.81</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Depth Condensing Unit</td>
<td>13.11</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight Condensing Unit</td>
<td>31.59</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Height Expansor</td>
<td>10.24</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Depth Expansor</td>
<td>22.44</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight Expansor</td>
<td>22.44</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Recommended In / Out Cable**

- **16AWG/4 Stranded, Unshielded**

**New Cassette Panel O1 needs to be ordered with this product.**
Single Zone Universal And Multi-Zone Compatible

**Indoor Units**
- MEHSU-24CHC2
- MEHSU-24CHC3
- MEHSU-36CSC2
- MEHSU-36CSC3
- MEHSU-48CSC2
- MEHSU-48CSC3

**Outdoor Units**
- MCHSU-24PHH2
- MCHSU-36CSH2
- MCHSU-48CSH2

**Standard Features**
- 360° Air Flow Panel
- Easy-Clean Panel
- Compressor
- Heating Belt
- 1 New Cassette Panel 02 needs to be ordered with this product.

**Optional Accessories**
- Wired Control
- Drop Down Panel 02
- Installation Kit 3
- Piping Kit 3

**Premier Series**

**Specification**

<table>
<thead>
<tr>
<th>Outdoor model</th>
<th>MEHSU-24CHC2</th>
<th>MEHSU-24CHC3</th>
<th>MEHSU-36CSC2</th>
<th>MEHSU-36CSC3</th>
<th>MEHSU-48CSC2</th>
<th>MEHSU-48CSC3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indoor model</td>
<td>MEHSU-24CHC2</td>
<td>MEHSU-24CHC3</td>
<td>MEHSU-36CSC2</td>
<td>MEHSU-36CSC3</td>
<td>MEHSU-48CSC2</td>
<td>MEHSU-48CSC3</td>
</tr>
<tr>
<td>Indoor type</td>
<td>Large Capacity Cassette</td>
<td>Large Capacity Cassette</td>
<td>Large Capacity Cassette</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AHRI #</td>
<td>081010</td>
<td>087756</td>
<td>805640</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Energy Star</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Performance**
- Nominal Cooling: BTUH 24000 (9600-28800)
- Nominal Heating: BTUH 24000 (9600-40000)
- Low Temp Heating Q-2°F: BTUH 24000 (9600-40000)
- SEER: BTU / KW 20 | 17.5 | 15.0
- COP: BTU / KW 11 | 11 | 11
- EER: BTU / KW 11 | 11 | 11

**Easy-Cleaning Panel**
- Lift and lower the panel via remote control to make the cleaning process simple and hassle free. No ladder required.

**Conventional Panel**
- Max 13 Ft
Single Zone Universal And Multi-Zone Compatible

<table>
<thead>
<tr>
<th>Indoor Unit</th>
<th>Outdoor Unit</th>
<th>Indoor Unit</th>
<th>Outdoor Unit</th>
<th>Indoor Unit</th>
<th>Outdoor Unit</th>
<th>Indoor Unit</th>
<th>Outdoor Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEHSU-09CHD2</td>
<td>MCHSU-09PHH2</td>
<td>MEHSU-09CHD2</td>
<td>MCHSU-09PHH2</td>
<td>MEHSU-12CHD2</td>
<td>MCHSU-12PHH2</td>
<td>MEHSU-12CHD2</td>
<td>MCHSU-12PHH2</td>
</tr>
</tbody>
</table>

Standard Features

- Single Zone
- Ducted
- Multi-Zone compatible

Optional Accessories

- Flexible Air Intake: Air intake can be installed either at the back or the bottom of the piping due to the small plate size on the flange allowing for flexible installation to meet the needs of each job.

Premier Hyper Series

Specification

- Outdoor model: MEHSU-09CHD2, MCHSU-09PHH2, MEHSU-12CHD2, MCHSU-12PHH2, MEHSU-18CHD2, MCHSU-18PHH2, MEHSU-24CHD2, MCHSU-24PHH2

Performance

- Nominal Cooling BTU/H: 9000 (3600-11000)
- Nominal Heating BTU/H: 10000 (3600-11000)
- Low Temp Heating @ 0°F BTU/H: 10000
- SEER: 13.0
- EER: 10.5
- Cooling Operating Range: 5°C Degrees -22-102
- Heating Operating Range: 5°C Degrees -22-102

Electrical

- Voltage / Phase / Frequency: 208-230V, 1Ph 50Hz
- Recommended In / Out Cable: 16AWG/4 Stranded, Unshielded
- Recommended Fuse Size: 9000 (3500-11000)
- Recommended Circuit Ampacity: 20

Energy Star

- Performance:
  - EER: 15.0
  - HSPF: 11.5

Duct Systems

- 20
- 21
## Single Zone Universal

<table>
<thead>
<tr>
<th>Indoor Unit</th>
<th>Outdoor Unit</th>
<th>Indoor Unit</th>
<th>Outdoor Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEHSU-36CSD2</td>
<td>MCHSU-36CSH2</td>
<td>MEHSU-48CSD2</td>
<td>MCHSU-48CSH2</td>
</tr>
</tbody>
</table>

### Standard Features

- Sleep Mode
- Freeze Air
- Multi in / Multi out Port
- Chassis Heating Belt
- Auto Restart Function
- Timer
- Wire Control
- Auto Defrosting
- Low Ambient Cooling

### Optional Accessories

- Electronic Panel (Wireless Eye)
- Filter
- Front Board

### Duct Systems

- **Premier Series**
  - **NEW for 2016**
  - **NEW for 2015**

### Specification

<table>
<thead>
<tr>
<th>Feature</th>
<th>Premier Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outdoor model</td>
<td>MCHSU-48CSH2</td>
</tr>
<tr>
<td>Indoor model</td>
<td>MCHSU-48CSH2</td>
</tr>
<tr>
<td>Indoor type</td>
<td>Ducted</td>
</tr>
<tr>
<td>AHRI #</td>
<td>679709</td>
</tr>
<tr>
<td>EER</td>
<td>8.98</td>
</tr>
</tbody>
</table>

### Performance

- **Nominal Cooling**
  - BTU / KW: 16.0
  - SEER: 17.4
  - EER: 8.9

### Electrical

- Voltage / Phase / Frequency: 230V~ 60Hz, 1Ph
- Recommended In / Out Cable: 16AWG/6 Stranded, Unshielded
- Recommended Fuse Size: 35

### Piping Kit

- **Piping Kit 1**
- **Piping Kit 2**
- **Piping Kit 3**

## 2 Way Draining Connection

The connective piping and drainage hose can be attached to either the left or right side of the indoor unit for easy installation.

### Optional Accessories

- Installation Kit 1
- Installation Kit 2
- Installation Kit 3

### Physical

- Net Weight (Indoor / Outdoor): 79.285/143.99
- Height Condensing Unit: 21.94
- Depth Condensing Unit: 19.14
- Weight Condensing Unit: 37.24
- Height Evaporator: 15.83
- Depth Evaporator: 33.51
- Weight Evaporator: 44.80
- Refrigerant: 0
- Refrigerant piping - Liquid side: 69.529/15.53
- Refrigerant piping - Gas side: 69.529/15.53
Single Zone and Universal Multi-Zone Compatibility

Indoor Unit | MEHSU-18CHF2 | MCHSU-18PHH2
Outdoor Unit | MEHSU-24CHF2 | MCHSU-24PHH2
Indoor Unit | MEHSU-36CSF2 | MCHSU-36CSH2
Outdoor Unit | MEHSU-48CSF2 | MCHSU-48CSH2
Indoor Unit | MCHSU-18PHH2 | MCHSU-24PHH2
Indoor Unit | MCHSU-36CSH2 | MCHSU-48CSH2

Standard Features
- Easy Maintenance: More than 60% parts and assemblies (such as fan wheel, plastic cases, metal parts, etc.) are universal for 3 different bodies, which makes maintenance much easier.
- Simple Maintenance: Easy maintenance much easier.
- Fresh Air: Air is brought into the room via a connection pipe, which keeps the indoor air fresh and healthy.
- 3D Air Flow: With an auto horizontal and vertical swing function the air flow is distributed evenly making it feel comfortable anywhere in the room.

Optional Accessories
- Wired Control
- Installation Kit 1
- Installation Kit 2
- Piping Kit 1
- Piping Kit 2
- Auto Defrosting
- Compressor Heating Belt
- Golden Fin

Electrical
- Recommended Fuse Size: 18 20 24
- Recommended In / Out Cable: 16AWG/6 Stranded, Unshielded
- Voltage / Phase / Frequency: 208-230V~  60Hz, 1Ph
- Nominal Cooling: 16000 (9510-28500), 1Ph
- Nominal Heating: 24000 (10800-57000), 1Ph
- Nominal Cooling: R410A/148.2
- Nominal Heating: R410A/108

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

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

Specification

<table>
<thead>
<tr>
<th>Premier Hyper</th>
<th>Premier Hyper</th>
<th>Premier Hyper</th>
<th>Premier Hyper</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indoor model</td>
<td>MEHSU-18CHF2</td>
<td>MEHSU-24CHF2</td>
<td>MEHSU-36CSF2</td>
</tr>
<tr>
<td>Outdoor model</td>
<td>MCHSU-18PHH2</td>
<td>MCHSU-24PHH2</td>
<td>MCHSU-36CSH2</td>
</tr>
</tbody>
</table>

Analysis of the image text:

- The document seems to be a catalog page for a ceiling and floor system installation kit. It lists various models and their compatibility features.
- There are sections for standard features, optional accessories, and electrical specifications.
- The text is written in a clear and concise manner, making it easy to understand the features and specifications of the products.
- The page also includes images and diagrams to visually represent the products and their features.

Overall, the document provides a comprehensive overview of the product line, making it a valuable resource for potential customers.
Premier Hyper Series

Specification

<table>
<thead>
<tr>
<th>Feature</th>
<th>NEW for 2016</th>
<th>NEW for 2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indoor Unit</td>
<td>MEHSU-09CHN2</td>
<td>MEHSU-09PHH2</td>
</tr>
<tr>
<td>Outdoor Unit</td>
<td>MCHSU-09PHH2</td>
<td>MCHSU-09PHH2</td>
</tr>
<tr>
<td>Indoor Unit</td>
<td>MEHSU-12CHN2</td>
<td>MEHSU-12PHH2</td>
</tr>
<tr>
<td>Outdoor Unit</td>
<td>MCHSU-12PHH2</td>
<td>MCHSU-12PHH2</td>
</tr>
<tr>
<td>Outdoor model</td>
<td>8813808</td>
<td>8813813</td>
</tr>
<tr>
<td>Indoor model</td>
<td>8813808</td>
<td>8813813</td>
</tr>
<tr>
<td>Energy Star</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Performance

<table>
<thead>
<tr>
<th>Feature</th>
<th>NEW for 2016</th>
<th>NEW for 2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Cooling</td>
<td>BTU/H 208/230V~ 60Hz, 1Ph</td>
<td>BTU/H 208/230V~ 60Hz, 1Ph</td>
</tr>
<tr>
<td>Nominal Heating</td>
<td>BTU/H 208/230V~ 60Hz, 1Ph</td>
<td>BTU/H 208/230V~ 60Hz, 1Ph</td>
</tr>
<tr>
<td>Low Temp Heating @-5°F</td>
<td>BTU/H 208/230V~ 60Hz, 1Ph</td>
<td>BTU/H 208/230V~ 60Hz, 1Ph</td>
</tr>
<tr>
<td>SEER</td>
<td>16AWG/4 Stranded, Unshielded</td>
<td>16AWG/4 Stranded, Unshielded</td>
</tr>
<tr>
<td>EER</td>
<td>16AWG/4 Stranded, Unshielded</td>
<td>16AWG/4 Stranded, Unshielded</td>
</tr>
<tr>
<td>Minimum Circuit Ampacity</td>
<td>9</td>
<td>9</td>
</tr>
<tr>
<td>Recommended Fuse Size</td>
<td>15</td>
<td>15</td>
</tr>
</tbody>
</table>

Optional Accessories

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timer</td>
<td></td>
</tr>
<tr>
<td>Sleep Mode</td>
<td></td>
</tr>
<tr>
<td>Auto Restart Function</td>
<td></td>
</tr>
<tr>
<td>Auto Defrosting</td>
<td></td>
</tr>
<tr>
<td>Low Ambient Cooling</td>
<td></td>
</tr>
<tr>
<td>Heat Pump Heating Belt</td>
<td></td>
</tr>
<tr>
<td>Golden Fin</td>
<td></td>
</tr>
<tr>
<td>Installation Kit 1</td>
<td></td>
</tr>
<tr>
<td>Installation Kit 2</td>
<td></td>
</tr>
<tr>
<td>Wired Control</td>
<td></td>
</tr>
<tr>
<td>Piping Kit 2</td>
<td></td>
</tr>
<tr>
<td>Piping Kit 3</td>
<td></td>
</tr>
<tr>
<td>Standard Features</td>
<td></td>
</tr>
<tr>
<td>Quiet Design</td>
<td></td>
</tr>
<tr>
<td>Flexible Air Flow</td>
<td></td>
</tr>
<tr>
<td>2-Way Optional Air Outlet</td>
<td></td>
</tr>
<tr>
<td>Optional Accessories</td>
<td></td>
</tr>
</tbody>
</table>

Quiet Design

Without decreasing the flow volume, the large diameter cross flow fan reduces the noise level of the indoor unit for quieter operation.

Flexible Air Flow

Multiple return and supply to evenly circulate the air.

2-Way Optional Air Outlet

Both up and down air-outlet or up air-outlet only.
### Multi-Zone Outdoor Units

#### Performance

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Non-Ducted</strong></td>
<td>27500</td>
<td>25900</td>
<td>25300</td>
<td>21900</td>
<td>21900</td>
</tr>
<tr>
<td><strong>Ducted</strong></td>
<td>27500</td>
<td>25900</td>
<td>25300</td>
<td>21900</td>
<td>21900</td>
</tr>
<tr>
<td><strong>Mixed</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Non-Ducted</strong></td>
<td>31000</td>
<td>29400</td>
<td>28800</td>
<td>25400</td>
<td>25400</td>
</tr>
<tr>
<td><strong>Ducted</strong></td>
<td>31000</td>
<td>29400</td>
<td>28800</td>
<td>25400</td>
<td>25400</td>
</tr>
<tr>
<td><strong>Mixed</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

#### Electrical

<table>
<thead>
<tr>
<th>Voltage</th>
<th>208-230V~ 60Hz, 1Ph</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power (Btu/h)</td>
<td>35000</td>
</tr>
<tr>
<td>Current (A)</td>
<td>10.4</td>
</tr>
<tr>
<td>Amperage (KW)</td>
<td>3.6</td>
</tr>
<tr>
<td>Energy Efficiency</td>
<td>COP 3.6</td>
</tr>
</tbody>
</table>

#### Condensation Line Size

<table>
<thead>
<tr>
<th>Diameter (Inches)</th>
<th>3/8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Capacity (W/C)</td>
<td>82</td>
</tr>
<tr>
<td>Commercial Grade (DBa)</td>
<td>58</td>
</tr>
</tbody>
</table>

#### Air Circulation Hi / Med / Low

<table>
<thead>
<tr>
<th>CFM</th>
<th>44/41/35</th>
</tr>
</thead>
</table>

#### Static Pressure (W.C.):

<table>
<thead>
<tr>
<th>Indoor Model</th>
<th>MEHSU-09CHC2 MEHSU-12CHC2 MEHSU-18CHC2 MEHSU-24CHC2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Non-Ducted</strong></td>
<td>35.43x35.43x8.54</td>
</tr>
<tr>
<td><strong>Ducted</strong></td>
<td>33.07x33.07x8.07</td>
</tr>
<tr>
<td><strong>Mixed</strong></td>
<td>-</td>
</tr>
<tr>
<td><strong>Non-Ducted</strong></td>
<td>36.22x25x10.63</td>
</tr>
<tr>
<td><strong>Ducted</strong></td>
<td>37.5/35.5</td>
</tr>
<tr>
<td><strong>Mixed</strong></td>
<td>-</td>
</tr>
</tbody>
</table>

#### Duct

<table>
<thead>
<tr>
<th>Indoor Model</th>
<th>MEHSU-09CHC2 MEHSU-12CHC2 MEHSU-18CHC2 MEHSU-24CHC2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Non-Ducted</strong></td>
<td>35.43x35.43x8.54</td>
</tr>
<tr>
<td><strong>Ducted</strong></td>
<td>33.07x33.07x8.07</td>
</tr>
<tr>
<td><strong>Mixed</strong></td>
<td>-</td>
</tr>
<tr>
<td><strong>Non-Ducted</strong></td>
<td>36.22x25x10.63</td>
</tr>
<tr>
<td><strong>Ducted</strong></td>
<td>37.5/35.5</td>
</tr>
<tr>
<td><strong>Mixed</strong></td>
<td>-</td>
</tr>
</tbody>
</table>

### Multi-Zone Indoor Units

#### Premier Split

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Non-Ducted</strong></td>
<td>27500</td>
<td>25900</td>
<td>25300</td>
<td>21900</td>
<td>21900</td>
</tr>
<tr>
<td><strong>Ducted</strong></td>
<td>27500</td>
<td>25900</td>
<td>25300</td>
<td>21900</td>
<td>21900</td>
</tr>
<tr>
<td><strong>Mixed</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Non-Ducted</strong></td>
<td>31000</td>
<td>29400</td>
<td>28800</td>
<td>25400</td>
<td>25400</td>
</tr>
<tr>
<td><strong>Ducted</strong></td>
<td>31000</td>
<td>29400</td>
<td>28800</td>
<td>25400</td>
<td>25400</td>
</tr>
<tr>
<td><strong>Mixed</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

#### Electrical

<table>
<thead>
<tr>
<th>Voltage</th>
<th>208-230V~ 60Hz, 1Ph</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power (Btu/h)</td>
<td>35000</td>
</tr>
<tr>
<td>Current (A)</td>
<td>10.4</td>
</tr>
<tr>
<td>Amperage (KW)</td>
<td>3.6</td>
</tr>
<tr>
<td>Energy Efficiency</td>
<td>COP 3.6</td>
</tr>
</tbody>
</table>

#### Condensation Line Size

<table>
<thead>
<tr>
<th>Diameter (Inches)</th>
<th>3/8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Capacity (W/C)</td>
<td>82</td>
</tr>
<tr>
<td>Commercial Grade (DBa)</td>
<td>58</td>
</tr>
</tbody>
</table>

#### Air Circulation Hi / Med / Low

<table>
<thead>
<tr>
<th>CFM</th>
<th>44/41/35</th>
</tr>
</thead>
</table>

#### Static Pressure (W.C.):

<table>
<thead>
<tr>
<th>Indoor Model</th>
<th>MEHSU-09CHC2 MEHSU-12CHC2 MEHSU-18CHC2 MEHSU-24CHC2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Non-Ducted</strong></td>
<td>35.43x35.43x8.54</td>
</tr>
<tr>
<td><strong>Ducted</strong></td>
<td>33.07x33.07x8.07</td>
</tr>
<tr>
<td><strong>Mixed</strong></td>
<td>-</td>
</tr>
<tr>
<td><strong>Non-Ducted</strong></td>
<td>36.22x25x10.63</td>
</tr>
<tr>
<td><strong>Ducted</strong></td>
<td>37.5/35.5</td>
</tr>
<tr>
<td><strong>Mixed</strong></td>
<td>-</td>
</tr>
</tbody>
</table>

#### Floor/Ceiling

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Non-Ducted</strong></td>
<td>27500</td>
<td>25900</td>
<td>25300</td>
<td>21900</td>
<td>21900</td>
</tr>
<tr>
<td><strong>Ducted</strong></td>
<td>27500</td>
<td>25900</td>
<td>25300</td>
<td>21900</td>
<td>21900</td>
</tr>
<tr>
<td><strong>Mixed</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Non-Ducted</strong></td>
<td>31000</td>
<td>29400</td>
<td>28800</td>
<td>25400</td>
<td>25400</td>
</tr>
<tr>
<td><strong>Ducted</strong></td>
<td>31000</td>
<td>29400</td>
<td>28800</td>
<td>25400</td>
<td>25400</td>
</tr>
<tr>
<td><strong>Mixed</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
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.

Energy Saving
Cutting-edge DC inverter of sine wave control and active PFC technology makes for a quieter and more economical operation.

---

### Multi-Zone Combination Table

#### 1-2 Zone

<table>
<thead>
<tr>
<th>MCH12U-18PHH2</th>
<th>One Unit</th>
<th>Two Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td></td>
<td>18+12</td>
</tr>
<tr>
<td>18</td>
<td>12+18</td>
<td></td>
</tr>
</tbody>
</table>

#### 2-3 Zone

<table>
<thead>
<tr>
<th>MCH13U-27PHH2</th>
<th>Two Units</th>
<th>Three Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>2X12</td>
<td>12+12</td>
<td>24+12</td>
</tr>
<tr>
<td>12+18</td>
<td>24+18</td>
<td>36+18</td>
</tr>
<tr>
<td>18+12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2X18</td>
<td>24+18</td>
<td></td>
</tr>
</tbody>
</table>

#### 2-4 Zone

<table>
<thead>
<tr>
<th>MCH14U-36PHH2</th>
<th>Two Units</th>
<th>Three Units</th>
<th>Four Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>3X12</td>
<td>12+12</td>
<td>24+12</td>
<td>36+12</td>
</tr>
<tr>
<td>2X12+18</td>
<td>12+12+18</td>
<td>24+12+18</td>
<td>36+12+18</td>
</tr>
<tr>
<td>18+12</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3X18</td>
<td>24+18</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### 2-5 Zone

<table>
<thead>
<tr>
<th>MCH15U-48PHH2</th>
<th>Two Units</th>
<th>Three Units</th>
<th>Four Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>4X12</td>
<td>12+12</td>
<td>24+12</td>
<td>36+12</td>
</tr>
<tr>
<td>3X12+12</td>
<td>12+12+12</td>
<td>24+12+12</td>
<td>36+12+12</td>
</tr>
<tr>
<td>2X18+12</td>
<td>24+12+12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>18+12+12</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4X18</td>
<td>24+18</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Key**
- Premier Hyper to -22
- MCH2U-18PHH2
- MCH3U-27PHH2
- MCH4U-36PHH2
- MCH5U-48PHH2
### 2016 Ductless Units Nomenclature

#### Nomenclature

**Example:** MEHSU-09PHH2

| M E H S U - 09 P H H 2 | 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  
| | 5: Single: 2,3,4,5 # of Zones  
| | H: Indoor E: Outdoor  
| | Midea  

#### Notes

- 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.

### Things To Know Before You Buy a Midea System

#### Notes

- For Multi Zone Systems H: Horizontal instead of Highwall.

#### Warranties

- 2 Year Parts, 5 Years Compressor Warranty or 5 Year Parts, 7 Years Compressor Warranty.
- Additional refrigerant may be required, be sure to check installation manual for more details.

#### Cooling Capacity

- Indoor temperature: 80°F DB/67°F WB (26.7°C DB/19.4°C WB)
- Outdoor temperature: 95°F DB/75°F WB (35°C DB/23.9°C WB)

#### Heating Capacity

- Indoor temperature: 70°F DB (8.3°C DB/6.1°C WB)
- Outdoor temperature: 47°F DB/43°F (6.3°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.

- To view AHRI numbers or Energy Guide labels, please go to [www.ahridirectory.org](http://www.ahridirectory.org)