SUPER MATCH
DC INVERTER MULTI-SPLIT SYSTEMS

Haier Air Conditioning
The Internet era is a diverse and unconventional time, where “one size fits all” products and solutions simply are not enough. Customers want to be treated as individuals and respected for who they are. Everyone wants their unique lifestyle acknowledged. That is why Haier listens closely to you in order to gain a genuine understanding of what is going on in your life and what is on your mind so each of you can get the smart home experience you deserve: be it simple, sophisticated, organized or enjoyable.

As a worldwide industry leader, Haier innovates beyond products and solutions and turns the organization into a wholly connected platform. In doing so, internal and external resources are connected quickly and easily. We believe only by doing so, we can best meet our consumers’ expectations in this rapidly evolving world.

Be part of the Haier Network. Create new possibilities.
Research and Development Centre

Haier Air Conditioning R&D Centre, located in Qingdao, China, completed in December 2013, covers 20,000 m². It contains more than 120 laboratories, including testing laboratories, key part research laboratories and all-weather user experience simulation laboratories. The R&D centre also has one of the world’s tallest towers for testing long refrigerant piping tests and refrigerant lift capabilities to 110m tall.

Research in heating and cooling technology covers the fields of user comfort evaluation, aerodynamics, acoustics, EMC (Electro-Magnetic Compatibility) and mechanical etc. The labs can carry out more than 600 international tests as per ISO, IEC, EN, CISPR and ANSI etc. to meet the requirements of Europe, Asia, America, Australia, Middle East and other 100 countries and regions.

The user experience centre gains recognition by domestic well-known certification and testing institutions. At Haier, we believe that the best air conditioning is one that builds on uncompromising quality control worldwide, developing and manufacturing exceptional products and delivering them to customers everywhere.
Haier AC Milestones

1984
Haier group was founded in Qingdao, China

1985
Developing China’s first split air conditioner

1985
Launching China’s first dual split inverter conditioner

1986
Starting to export air conditioners to Europe market

1993
Developing China’s first inverter air conditioner

1995
Launching China’s first dual split inverter conditioner

1996
Starting to export air conditioners to USA

1998
Launching VRF system

1998
Developing the first digital DC inverter air conditioner in China

1999
Starting to export air conditioners to USA

2001
Building up industry park in Pakistan and catching No.1 market share in 2005

2001
Launching full range light commercial air conditioning solution

2005
Releasing R410a DC inverter X-multi system

2005
Releasing R410a centrifugal chiller with maglev technology and R410a DC inverter VRF system.

2006
Achieving IF design award, one of 10 creative products in the world

2007
Achieving red dot design award

2009
Introducing the more advanced Freon-free DC inverter air conditioner and magnetically levitated VRF system with high energy efficiency

2010
Launching full range of SUPER MATCH solutions inverter multi systems

2011
Establishing Haier Europe HOME SOLUTION platform in France to accelerate the marketing of Heat pump / Solar Solution.

2012
Establishing AC R&D center to enhance the R&D ability with more focus on users’ requirement

2014
Launching MRV IV full DC INV. technology Max. 3 modular up to 72HP globally

2015
Launching Super Match Smart Power Series, high performance series

2016
Launching MRV IV in Australia market

2017
2013
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Starting to export air conditioners to Europe market.

1998
Launching full range light commercial air conditioning solution.

2001
Launching VRF system.

2005
Starting to export air conditioners to USA.

2007
Achieving the bid of 20 projects of Beijing Olympic Games.

2009
Achieving red dot design award.

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Introducing the more advanced Freon-free DC inverter air conditioner and magnetically levitated VRV system with high energy efficiency.

2011
Launching full range of SUPER MATCH solutions inverter multi systems.

2012
Establishing Haier Europe HOME SOLUTION platform in France to accelerate the marketing of Heat pump/Solar Solution.

2013
Launching Emperor series and Aero series floor standing models which lead the innovation in design.

2014
Establishing AC R&D center to enhance the R&D ability with more focus on users’ requirement.

2015
Launching MRV IV full DC INV. technology Max 3 modular up to 72HP globally.

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Launching Super Match Smart Power Series, high performance series.

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Wider Voltage Range

Equipped with various DC components, the new Multi system is applicable both for 50Hz and 60Hz electricity condition. Working voltage: 208V~240V

The system is more tolerant to unstable voltage conditions.

Easy Wiring

Wiring solution: Parallel connection, easy wiring.
Note: Red wire=power wire; Blue wire=communication wire; Black wire=pipe.

Service Screen

In start up & maintenance the service screen will show a failure code to understand and repair problem easier.

New maintenance panel is fixed on the side panel which the installer can remove, by removal of only one screw, to allow checking of the compressor running frequency and error code from the double 8 screen.

Wider Range of Operation

Wider range operation of outside temperature
Cooling: from -10°C to 46°C
Heating: from -15°C to 24°C
### Indoor unit combinations

<table>
<thead>
<tr>
<th>Model/outdoor unit</th>
<th>3U19FS2ERA</th>
<th>3U24GS2ERA</th>
<th>4U30HS2ERA</th>
<th>5U34HS2ERA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum connected quantity of indoor units</td>
<td>3</td>
<td>3</td>
<td>4</td>
<td>5</td>
</tr>
</tbody>
</table>

### Nominal Performance Data

#### Capacity

- **Cooling kW rated (min-max)**
  - 3U19FS2ERA: 5.4 (1.5 - 7.0)
  - 3U24GS2ERA: 6.9 (1.5 - 8.2)
  - 4U30HS2ERA: 8.2 (1.5 - 9.8)
  - 5U34HS2ERA: 9.1 (1.5 - 11.0)

- **Heating kW rated (min-max)**
  - 3U19FS2ERA: 6.2 (1.8 - 8.1)
  - 3U24GS2ERA: 7.0 (1.8 - 9.0)
  - 4U30HS2ERA: 9.6 (1.8 - 10.5)
  - 5U34HS2ERA: 10.2 (1.8 - 11.5)

#### Rated power input

- **Cooling kW rated (min-max)**
  - 3U19FS2ERA: 1.46 (0.5 - 2.6)
  - 3U24GS2ERA: 1.92 (0.55 - 3.1)
  - 4U30HS2ERA: 2.25 (0.55 - 3.8)
  - 5U34HS2ERA: 2.6 (0.55 - 4)

- **Heating kW rated (min-max)**
  - 3U19FS2ERA: 1.65 (0.5 - 2.6)
  - 3U24GS2ERA: 1.87 (0.55 - 3.1)
  - 4U30HS2ERA: 2.55 (0.55 - 3.8)
  - 5U34HS2ERA: 2.83 (0.55 - 4)

#### EER/COP

- 3U19FS2ERA: 3.7/3.75
- 3U24GS2ERA: 3.6/3.74
- 4U30HS2ERA: 3.65/3.76
- 5U34HS2ERA: 3.5/3.6

### Electrical

- **Power supply**: Ph/V/Hz 1/220~240/50/60
- **Running Current - Cooling Amp**: 6.3 8.4 9.8 11.3
- **Running Current - Heating Amp**: 7.2 8.1 11.1 12.3
- **Maximum Current**: 11.3 13.5 16.5 17.4
- **Air flow**: m³/h 2000 2500 3500 4000
- **Sound power level (H/M/L) dB(A)**: 555 690 970 1110
- **Sound pressure level (H/M/L) dB(A)**: 52 54 56 58
- **External dimensions (W/D/H)**: mm 886/288/688 940/345/730 948/340/840
- **Shipping dimensions (W/D/H)**: mm 992/408/760 1005/423/815 1040/440/1000
- **Net/Shipping weight kg**: 51/53 53/56 76/87 77/88
- **Compressor type**: Twin Rotary
- **Refrigerant type**: R410A
- **Refrigerant liquid pipe mm**: 3×6.35 3×6.35 4×6.35 5×6.35
- **Refrigerant gas pipe mm**: 3×9.52 3×9.52 3×9.52+1×12.7 4×9.52+1×12.7
- **Total pipe length (Max) m**: 50 60 70 80
- **Single pipe length (Max) m**: 25 25 25 25
- **Max height between I.U. & O.U m**: 15 15 15 15
- **Max height between I.U. & I.U m**: 5 5 5 5
- **Refrigerant pre-charge kg**: 1.9 1.9 3.2 3.4
- **Pre-charge length m**: 30 30 40 40
- **Additional refrigerant charge g/m**: 20 20 20 20

### Working temp.

- **Cooling (Min-Max) °C**: -10 to +46
- **Heating (Min-Max) °C**: -15 to +24
HI WALL (BREEZA)

Breeze range
Super quiet 21 dB(A)
USB Wi-Fi Control - Optional
Evaporator self cleaning

Model/indoor unit | AS07NS3HRA | AS09NS3HRA | AS12NS3HRA | AS15NS3HRA | AS18NS3HRA | AS24NS3HRA
--- | --- | --- | --- | --- | --- | ---
Nominal Cooling kW nominal (min-max) | 2.0 (0.80-3.40) | 2.7 (1.00-4.20) | 3.6 (1.3-5.0) | 4.4 (1.3-5.0) | 5.2 (1.30-6.80) | 7.0 (2.20-8.50)
Nominal Heating kW nominal (min-max) | 2.3 (1.0-4.6) | 2.8 (1.1-5.4) | 3.7 (1.4-6.0) | 5.4 (1.4-6.0) | 5.8 (1.4-6.9) | 7.5 (2.4-9.8)
Performance Air flow (H) m³/h | 600 | 600 | 650 | 700 | 900 | 1200
| l/s | 165 | 165 | 180 | 190 | 250 | 330
Sound power level cooling (Hi) dB(A) | 52 | 52 | 54 | 55 | 57 | 62
Sound pressure cool (H/M/L/S) dB(A) | 39/34/27/21 | 39/34/27/21 | 40/35/31/22 | 44/40/35/28 | 47/43/37/30 | 47/43/37/35
Installation External dimensions (WxDxH) mm | 855x204x280 | 900x210x310 | 997x235x322 | 1115x248x336
Shipping dimensions (WxDxH) mm | 954x279x355 | 991x313x399 | 1085x329x403 | 1205x341x416
Net/Shipping weight kg | 10/12.2 | 11.5/14 | 13/16 | 16/19.6
Refrigerant liquid pipe mm | 6.35 | 9.52 | 12.7 | 15.88
Refrigerant gas pipe mm | 9.52 | 12.7 | 15.88
Controller Standard YR-HG Wi-Fi KZW-W002
For comprehensive controls features, see controls page
## Model/Indoor Unit

<table>
<thead>
<tr>
<th>Model</th>
<th>AF09AB1HRA</th>
<th>AF12AB1HRA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Cooling kW nominal (min-max)</td>
<td>2.5 (1.3-3.0)</td>
<td>3.5 (1.4-4.0)</td>
</tr>
<tr>
<td>Nominal Heating kW nominal (min-max)</td>
<td>2.8 (1.4-3.2)</td>
<td>3.80 (1.4-4.1)</td>
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<tr>
<td>Power supply</td>
<td>1/230/50</td>
<td>1/230/50</td>
</tr>
<tr>
<td>Airflow (m³/h)</td>
<td>450</td>
<td>500</td>
</tr>
<tr>
<td>Airflow (l/s)</td>
<td>125</td>
<td>135</td>
</tr>
<tr>
<td>Sound power level cooling (dB(A))</td>
<td>53</td>
<td>54</td>
</tr>
<tr>
<td>Sound pressure level cooling (Hi/Mid/Low/So) dB(A)</td>
<td>39/35/30/26</td>
<td>40/36/32/28</td>
</tr>
</tbody>
</table>

## Installation

<table>
<thead>
<tr>
<th>Dimension</th>
<th>AF09AB1HRA</th>
<th>AF12AB1HRA</th>
</tr>
</thead>
<tbody>
<tr>
<td>External dimensions (W/D/H) mm</td>
<td>720x255x640</td>
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</tr>
<tr>
<td>Shipping dimensions (W/D/H) mm</td>
<td>784x305x719</td>
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</tr>
<tr>
<td>Net/Shipping weight kg</td>
<td>17/19.5</td>
<td>17.5/20</td>
</tr>
<tr>
<td>Refrigerant liquid pipe mm</td>
<td>6.35</td>
<td></td>
</tr>
<tr>
<td>Refrigerant gas pipe mm</td>
<td>9.52</td>
<td></td>
</tr>
<tr>
<td>Controller</td>
<td>Standard</td>
<td>YR-HD /</td>
</tr>
</tbody>
</table>

## Controls

- Standard
- YR-HD
- Wi-Fi

For comprehensive controls features, see controls page
Easy Access to Electrical Box
The electrical box is located inside the unit, alleviating the requirement for a ceiling access panel to be fitted.

Quiet Operation
The fan blade adopts the design of an irregular helix, to strive for the lowest sound level.

Built-in high head drain pump
Condensed water lift up to 750mm, which will allow for a flexible installation.

Design Flexibility
Compact Size
The model AB09 AB12 & AB18 dimension is 570 x 570mm for easy installation into a 600mm ceiling grid.

Branch Air Outlet
It is possible to use one or two branch outlets for further air distribution (optional).

Fresh Air Inlet
Pre-set fresh air inlet can introduce the outside fresh air into the room, to greatly improve the indoor air quality.

Features & Benefits

Compact Size
Built-in high head drain pump
Quiet Operation
Branch Air Outlet
## CASSETTE

### DC fan motor
- 700x700mm new panel design
- Pre-set fresh air inlet
- Built-in high head drain pump

### Air outlet connection
- Pre-set fresh air inlet
- Built-in high head drain pump

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### Model/indoor unit

<table>
<thead>
<tr>
<th>Model/indoor unit</th>
<th>AB09CS2ERA</th>
<th>AB12CS2ERA(S)</th>
<th>AB18CS2ERA(S)</th>
<th>AB24ES1ERA(S)</th>
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</thead>
<tbody>
<tr>
<td>Nominal Cooling</td>
<td>kW nominal</td>
<td>2.6</td>
<td>3.50 (0.9-4.5)</td>
<td>5 (1.8-5.8)</td>
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<tr>
<td>Nominal Heating</td>
<td>kW nominal</td>
<td>2.9</td>
<td>3.7 (1-4.8)</td>
<td>5.2 (2-6.5)</td>
</tr>
<tr>
<td>Power supply</td>
<td>Ph/V/Hz</td>
<td>1/220-230/50/60</td>
<td>1/220-230/50/60</td>
<td>1/220-230/50/60</td>
</tr>
<tr>
<td>Air flow(H/M/L)</td>
<td>m³/h</td>
<td>700/620/520/450/350</td>
<td>700/620/520/450/350</td>
<td>780/700/620/500/400</td>
</tr>
<tr>
<td></td>
<td>l/s</td>
<td>194/172/144/125/97</td>
<td>194/172/144/125/97</td>
<td>216/194/172/138/111</td>
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<tr>
<td>Sound power level(H/M/L)</td>
<td>dB(A)</td>
<td>52</td>
<td>52</td>
<td>57</td>
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<tr>
<td>Sound pressure level(H/M/L)</td>
<td>dB(A)</td>
<td>42/40/36/32/28</td>
<td>42/40/36/32/28</td>
<td>44/42/37/35/31</td>
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<tr>
<td>External dimensions(W/D/H)</td>
<td>mm</td>
<td>570/570/260</td>
<td>570/570/260</td>
<td>570/570/260</td>
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<tr>
<td>Shipping dimensions(W/D/H)</td>
<td>mm</td>
<td>718/680/380</td>
<td>718/680/380</td>
<td>718/680/380</td>
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<tr>
<td>Net/Shipping weight</td>
<td>kg</td>
<td>17.20</td>
<td>18.5/22</td>
<td>18.5/22</td>
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<tr>
<td>Refrigerant liquid pipe</td>
<td>mm</td>
<td>6.35</td>
<td>6.35</td>
<td>6.35</td>
</tr>
<tr>
<td>Refrigerant gas pipe</td>
<td>mm</td>
<td>9.52</td>
<td>9.52</td>
<td>12.7</td>
</tr>
<tr>
<td>Controller</td>
<td>Standard</td>
<td>YR-E17</td>
<td>YR-E17</td>
<td>YR-E17</td>
</tr>
<tr>
<td></td>
<td>Optional</td>
<td>YR-E16a</td>
<td>YR-HD</td>
<td>YR-E16a</td>
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### Panel

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<th>Panel</th>
<th>Model</th>
<th>External dimensions(W/D/H)</th>
<th>Shipping dimensions(W/D/H)</th>
<th>Net/Shipping weight</th>
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<tr>
<td></td>
<td></td>
<td>mm</td>
<td>mm</td>
<td>kg</td>
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<tr>
<td></td>
<td></td>
<td>700/700/60</td>
<td>740/750/115</td>
<td>2.8/4.8</td>
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<td></td>
<td></td>
<td>950/950/60</td>
<td>985/985/115</td>
<td>6.0/7.5</td>
</tr>
</tbody>
</table>

### Controls

- **Standard**
  - YR-E17
- **Optional**
  - YR-HD
  - YR-E16a

For comprehensive controls features, see controls page
Design Flexibility

**Slim Low Static Duct**
The height of the slim low static duct is 185mm only, which is better than industry allowing for the slim-mest ceiling cavity.

**Medium Static Duct**
The height of the medium static ducted indoor unit is 250mm only, for installation flexibility.

**Built-in high head drain pump**
Condensed water lift up to 750mm, which will allow for a flexible installation.

**Left or Right Drain Outlet**
Drain direction can be left or right according to the layout.

**DC Fan Motor**
Haier adopts latest DC technology. As a general rule a DC motor uses less energy when compared to AC motor. An added benefit is easy setting of the static pressure via the remote controller.

**Return air choices**
Friendly design: Rear or bottom air return is available by removing a few screws and relocating a panel.
DC fan motor
Super slim design, only 185mm
Built-in high head drain pump
Rear or bottom air return

Shown fitted with new optional 3D air flow air panel

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YR-E17

---

<table>
<thead>
<tr>
<th>Model/indoor unit</th>
<th>drain pump included</th>
<th>AD09SS1ERA(N)(P)</th>
<th>AD12SS1ERA(N)(P)</th>
<th>AD18SS1ERA(N)(P)</th>
<th>AD24SS1ERA(N)(P)</th>
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<tbody>
<tr>
<td>Capacity</td>
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<tr>
<td>Nominal Cooling</td>
<td>kW nominal (min-max)</td>
<td>2.7</td>
<td>3.50</td>
<td>5.18</td>
<td>7.1 (2~7.6)</td>
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<td>Nominal Heating</td>
<td>kW nominal (min-max)</td>
<td>2.8</td>
<td>3.90</td>
<td>4.05</td>
<td>7.13 (3~8.3)</td>
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<td>Electrical</td>
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<td>Power supply</td>
<td>Ph/V/Hz</td>
<td>1/220-230/50/60</td>
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<td>1/220-230/50/60</td>
<td>1/220-230/50/60</td>
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<td>Performance</td>
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<tr>
<td>Airflow(H/M/L)</td>
<td>m3/h</td>
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<td>Sound power level(H/M/L)</td>
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<td>52</td>
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<td>Installation</td>
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<td>kg</td>
<td>16/21</td>
<td>16/21</td>
<td>22/28</td>
<td>24/30</td>
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<tr>
<td>Refrigerant liquid pipe</td>
<td>mm</td>
<td>6.35</td>
<td>6.35</td>
<td>6.35</td>
<td>6.35</td>
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<tr>
<td>Refrigerant gas pipe</td>
<td>mm</td>
<td>9.52</td>
<td>9.52</td>
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<td>15.88</td>
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<tr>
<td>Controller</td>
<td>Standard</td>
<td>YR-E17</td>
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<td>YR-E16a / YR-HD &amp; RE02</td>
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<td>Wi-Fi</td>
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<td>PIB-1210A</td>
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<td>1210/290.5/32.4 (inlet panel)</td>
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<tr>
<td>Shipping dimensions(W/D/H)</td>
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<td>1258/135/220</td>
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<tr>
<td>Net/Shipping weight</td>
<td>kg</td>
<td>4/5</td>
<td></td>
<td>5/6</td>
<td></td>
</tr>
</tbody>
</table>

For comprehensive controls features, see controls page.

**Controls**

- **Standard**
  - YR-E17
  - YR-HD
  - YR-E16a

- **Optional**
  - Wi-Fi

---

**SLIM LOW STATIC DUCT**
### MEDIUM STATIC DUCT

DC fan motor
- Ultra slim design, only 250mm
- Built-in high head drain pump
- Adjust Static 10~70 Pa by wired controller
- Rear or bottom air return

<table>
<thead>
<tr>
<th>Model/ Indoor unit</th>
<th>drain pump included</th>
<th>AD12MS1ERA</th>
<th>AD18MS1ERA</th>
<th>AD24MS2ERA</th>
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</thead>
<tbody>
<tr>
<td>Capacity</td>
<td></td>
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<tr>
<td>Nominal Cooling</td>
<td>kW nominal</td>
<td>3.50</td>
<td>5.0</td>
<td>7.1</td>
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<tr>
<td></td>
<td>(min-max)</td>
<td>(0.9-4.5)</td>
<td>(1.8-6)</td>
<td>(2.0-8.2)</td>
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<tr>
<td>Nominal Heating</td>
<td>kW nominal</td>
<td>4.0</td>
<td>5.5</td>
<td>7.5</td>
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<tr>
<td></td>
<td>(min-max)</td>
<td>(1-4.8)</td>
<td>(2-6.2)</td>
<td>(2.5-8.5)</td>
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<tr>
<td>Electrical</td>
<td>Ph/V/Hz</td>
<td>1/220-230/50/60</td>
<td>1/220-230/50/60</td>
<td>1/220-230/50/60</td>
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<tr>
<td>Performance</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Air flow(H/M/L)</td>
<td>m³/h</td>
<td>550/460/400</td>
<td>920/750/580</td>
<td>1050/1000/900</td>
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<tr>
<td></td>
<td>L/s</td>
<td>150/125/110</td>
<td>255/205/160</td>
<td>290/275/250</td>
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<tr>
<td>External static pressure</td>
<td>Pa</td>
<td>10/30/50/70</td>
<td>10/30/50/70</td>
<td>10/30/50/70</td>
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<tr>
<td>Sound power level (H/M/L)</td>
<td>dB(A)</td>
<td>46</td>
<td>48</td>
<td>58</td>
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<tr>
<td>Installation</td>
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<td></td>
</tr>
<tr>
<td>External dimensions (W/D/H)</td>
<td>mm</td>
<td>750/720/250</td>
<td>1050/720/250</td>
<td>1050/720/250</td>
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<tr>
<td>Shipping dimensions (W/D/H)</td>
<td>mm</td>
<td>920/820/340</td>
<td>1170/860/340</td>
<td>1170/860/340</td>
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<tr>
<td>Net/Shipping weight</td>
<td>kg</td>
<td>22/24</td>
<td>28/30</td>
<td>30/32</td>
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<tr>
<td>Refrigerant liquid pipe</td>
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<td>6.35</td>
<td>6.35</td>
<td>9.52</td>
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<tr>
<td>Refrigerant gas pipe</td>
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<td>15.88</td>
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<td>Standard</td>
<td>Optional</td>
<td>optional</td>
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<td></td>
<td>YR-E17</td>
<td>YR-E16a / YR-HD &amp; RE02</td>
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<tr>
<td></td>
<td></td>
<td>Wi-Fi</td>
<td>KZW-W001</td>
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</tr>
</tbody>
</table>

**Controls**

- **Standard**
  - YR-E17
  - YR-HD
- **Optional**
  - YR-E16a
  - Wi-Fi

For comprehensive controls features, see controls page.
A connection guide of permitted indoor units associated with each multi outdoor unit.

**Matching Table**

<table>
<thead>
<tr>
<th>Combinations</th>
<th>Comb.</th>
<th>Combinations</th>
<th>Comb.</th>
<th>Combinations</th>
<th>Comb.</th>
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</thead>
<tbody>
<tr>
<td>3U19FS1ERA</td>
<td>(1x1)</td>
<td>3U24FS1ERA</td>
<td>(1x1)</td>
<td>4U30FS1ERA</td>
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<td>15</td>
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</tbody>
</table>

**Example**

1:3 Connection
Outdoor Unit: 3U19FS1ERA
Indoor Unit 1: AS07NS3HRA
Indoor Unit 2: AS09NS3HRA
Indoor Unit 3: AS12NS3HRA

1:2 Connection
Outdoor Unit: 3U24FS1ERA
Indoor Unit 1: AS09NS3HRA
Indoor Unit 2: AD18NS1ERA

**Match Guide:** Connectible indoor units correspond to model number sizes based on BTU. 
I.E. 9 = 2.5 KW and so on.

To be used as a guide, please contact our sales representative for connections outside this matching matrix.
**INDOOR UNITS**

**WALL MOUNTED**

![Wall Mounted Diagram]

<table>
<thead>
<tr>
<th>MODEL</th>
<th>(WxDxH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS07NS3HRA</td>
<td>855x204x280</td>
</tr>
<tr>
<td>AS09NS3HRA</td>
<td>900x210x310</td>
</tr>
<tr>
<td>AS12NS3HRA</td>
<td>997x235x322</td>
</tr>
<tr>
<td>AS15NS3HRA</td>
<td>1115x248x336</td>
</tr>
</tbody>
</table>

**CONSOLE**

AF09AB1HRA  AF12AB1HRA

![Console Diagram]

**CASSETTE**

AB09CS2ERA  AB12CS2ERA(S)  AB18CS2ERA(S)

![Cassette Diagram]

**AB24ES1ERA(S)**

![AB24ES1ERA(S) Diagram]
DUCTED LOW STATIC
AD09SS1ERA AD12SS1ERA

AD18SS1ERA AD24SS1ERA
Note: The insulation is not included in the thickness data.
CONTROL SYSTEMS

YR-HD

- On/Off, Mode, Fan speed, Temperature setting, Swing
- Individual control
- Timer
- Clock

YR-E17

- On/Off, Mode, Fan speed, Temperature setting, Swing.
- Individual & Group control (Max 16 indoor units)
- Small, Simple and Smart design, 86*86*13.05mm
- Touch screen with back light
- Timer - 24 hr.
- Individual blade control for Smart Power Cassette

YR-E16A

- Seven day time clock
- On/Off, Mode, Fan speed, Temperature setting, Swing
- Individual & Group control (Max 16 indoor units)
- Large touch buttons
- Fahrenheit/ Celsius selectable; Sensitivity ±0.5°C
- Individual blade control for Smart Power Cassette
- Error display in date sequence

KZW-W001

- Wi-Fi Control for Ducted or Cassette
- Unit control via Android or apple smart-phone device
- Weekly timer
- A YCJ-A002 is required for AB24ES1ERA(S).

KZW-W002

- USB Wi-Fi Control (Hi-Wall unit).
- Easy to install via a USB connector.
- Unit control via Android or Apple smart-phone device

RE-02

- Infrared receiver control for ducted type indoor unit.
- Compatible with YR-HD
CENTRAL CONTROL SYSTEMS

YCZ-G001

- Individual control, Group control and central control (Max 32 indoor units)
- Large touch key
- Weekly timer.
- Unit name and group name free setting. Four backgrounds available (mall, hotel, office, home)
- Error display

YCZ-A004

- Central control, Max 256 indoor units
- 7-inch TFT LCD touch screen with back light
- Schedule control
- Indoor units’ information edit

YCJ-A002

- Change Super Match communication protocol to 485 communication protocol for central control.
- For Wi-Fi control connection to some super match indoor units.
- Two indoor unit operation for comms room application.
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