New Products Release !

**AIRSTAGE J-III series**

New 3-phase model lineup with high energy saving for commercial use

EUROVENT Certification attained!

### Feature

**Strong & Powerful heating**

Outstanding heating capacity can be maintained at low outdoor temperature (-7°C). (Single phase and Three phase) Rated capacity is kept down to -9°C. (4HP)

<table>
<thead>
<tr>
<th>Capacity (kw)</th>
<th>6HP</th>
<th>5HP</th>
<th>4HP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated 7°C</td>
<td>18</td>
<td>17.3</td>
<td>16</td>
</tr>
<tr>
<td>Rated 5°C</td>
<td>16</td>
<td>16</td>
<td>13.6</td>
</tr>
<tr>
<td>Rated 3°C</td>
<td>13.6</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Efficiency in actual operation**

Top class high COP is achieved for all models by large heat exchanger, high efficient DC twin compressor, and our own technologies.

<table>
<thead>
<tr>
<th>High EER / COP</th>
<th>4HP</th>
<th>5HP</th>
<th>6HP</th>
</tr>
</thead>
<tbody>
<tr>
<td>EER 1</td>
<td>5.01</td>
<td>4.95</td>
<td>4.88</td>
</tr>
<tr>
<td>COP 1</td>
<td>4.41</td>
<td>3.92</td>
<td>3.71</td>
</tr>
</tbody>
</table>

**Non-stop oil recovery operation**

A comfortable room condition is maintained during oil recovery mode because the product continues to operate without stopping the cooling or heating operation.
The protective function may work when using it outside the operation range.

Pipe length: 7.5 m; Height difference between outdoor unit and indoor unit: 0 m.

Heating: Indoor temperature of 20°CDB / (15°CWB), and outdoor temperature of 7°CDB / 6°CWB.

Cooling: Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of 35°CDB / 24°CWB.

Note: Specifications are based on the following conditions.

Distributed by:

• Actual products' colors may be different from the colors shown in this printed material.

• Specifications and design are subject to change without notice for further improvement.

• Actual products' colors may be different from the colors shown in this printed material.

• Other company and product names mentioned herein may be registered trademarks, trademarks or trade names of their respective owners.

Flexible design

1) Long piping length

Easy installation & design by increased height difference between indoor units and outdoor units.

Pipe length from first separation tube to the farthest indoor unit

30m → 40m

Actual piping length

120m max.

Total pipe length

180m max.

Height difference between outdoor and indoor units

30m → 50m

Height difference between indoor and outdoor units

15m max.

2) Extension on the connectable indoor unit range

The connectable indoor unit capacity is extended up to 150%.

The number of connectable indoor units is increased.

Connectable indoor unit number

4HP: 1~9 units
5HP: 1~10 units
6HP: 1~13 units

Various indoor units and controllers

Connectable indoor units

15 type 68 models

capacity range 1.1kW to 3.6kW

Individual and centralized controllers same as ALL VRF series

Dimensions (Unit : mm)

Models:

Single phase

AJY040LBLAH / AJY045LBLAH / AJY054LBLAH

3-phase

AJY040LELAH / AJY045LELAH / AJY054LELAH

Specifications

(Tentative)

Rating Capacity range (HP)

1~9 1~10 1~13 1~9 1~10 1~13

Maximum connectable indoor unit

AJY040LBLAH AJY045LBLAH AJY054LBLAH AJY040LELAH AJY045LELAH AJY054LELAH

Model name

Power source

V/Hz Single-phase, ~230V, 50Hz 3-phase, ~400V, 50Hz

Capacity

Cooling kW 12.1 14.0 15.5 12.1 14.0 15.5

Heating kW 13.6 16.0 18.0 13.6 16.0 18.0

Input power

Cooling kW 2.90 3.57 4.18 2.79 3.46 3.99

Heating kW 2.31 2.93 3.55 2.40 3.06 3.60

EER

Cooling W/W 4.17 3.92 3.71 4.33 4.05 3.88

Heating W/W 4.86 4.51 4.23 5.01 4.70 4.41

COP

Cooling W/W 5.01 4.33 3.71 5.01 4.70 4.41

Heating W/W 4.51 3.71 3.23 4.70 4.41 4.13

Airflow rate

m³/h 6,200 6,400 6,900 6,200 6,400 6,900

Sound power level

dB(A) 66 67 69 66 67 69

Heatschanger fin type

Blue Fin Blue Fin Blue Fin Blue Fin Blue Fin Blue Fin

Dimensions (H×W×D)

mm 1,134 × 970 × 370 1,134 × 970 × 370

Weight

kg 117 117 119 119 119 119

Refrigerant

Type (Global Warming Potential)

R410A (2,088) R410A (2,088) R410A (2,088) R410A (2,088) R410A (2,088) R410A (2,088)

Change

kg 4.8 5.3 5.3 4.8 5.3 5.3

Gas

mm 9.5 9.5 9.5 9.5 9.5 9.5

Total pipe length

m 180 180 180 180 180 180

Max. height difference

50/40 (Outdoor unit: Upper / Lower) 50/40 (Outdoor unit: Upper / Lower)

Operation range

Cooling °C -5 to 46 -5 to 46 -5 to 46 -5 to 46 -5 to 46 -5 to 46

Heating °C -20 to 23 -20 to 23 -20 to 23 -20 to 23 -20 to 23 -20 to 23

Note: Specifications are based on the following conditions.

Cooling: Indoor termperature of 27°CDB / 19°CWB, and outdoor termperature of 35°CDB / 24°CWB.

Heating: Indoor termperature of 20°CDB / 15°CWB, and outdoor termperature of 7°CDB / 6°CWB.

Pipe length: 7.5 m; Height difference between outdoor unit and indoor unit: 0 m.

The protective function may work when using it outside the operation range.

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