

<https://www.chofuglobal.com/>

**CHOFU**

CHOFU SEISAKUSHO CO., LTD.  
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(2026.08)

**CHOFU**

**R290  
AIR TO WATER  
HEAT PUMP**



**MONOBLOC  
HEATING & COOLING**



About CHOFU —

# Coexisting with Our Precious Earth.

There is a heightened social need to create a sustainable society. CHOFU responds to this social demand by developing sustainable products, carrying out awareness-raising activities, and by conducting low environmental impact manufacturing.

CHOFU exports its products to more than 40 countries worldwide. Annual product sales amount to approximately 1.1 million units. With more than 700 product models on the market, CHOFU is one of Japan's leading manufacturers of residential equipment, possessing both the technical capabilities and production lines needed for multi-model production.



HEAD OFFICE

CHOFU SEISAKUSHO products have been delivered to over 40 nations around the world. With Europe and the U.S. as our main importers, we export products with high environmental performance and added value. We will continue supplying top quality products to create a sustainable society.



Business  
Have exported to  
**over 40** nations  
around the world



Approximately  
**1,100,000**  
Number of products  
sold worldwide  
by the year 2022



Number of product models  
over **700**  
Multi-product  
production



**26 & 4**  
Sales offices: **26**  
Plants: **4**  
in Japan



CHOFU — Made In Japan

# CHOFU as Japan Brand

Passion for manufacturing and Japan's diverse climatic environment propel CHOFU to be the world's leading company as a Japanese brand.

## Made in Japan

— CHOFU is recognized throughout the world for its quality.

### Craftsmanship

We are using cutting-edge machines for our development and production. However, machines alone do not create good products. CHOFU's productions are made possible by the support of the people involved. Techniques of our engineers and skilled workers, and creations of new ideas and methods for delicate processes are things that can't be done by machines.



### Made in Japan Quality

CHOFU product manufacturing is made possible by Japanese quality craftsmanship. We have optimized the flow of product assembly, quality inspection, and packaging to increase productivity and to manufacture precise products that are both durable and reliable.

### Global Quality Safety Standards

Global environmental issues such as global warming, climate change, and air pollution have become common global-scale challenges. Our state-of-the-art facility and exceptional engineers support the development of low environmental impact products, high optimization of products, and development of products that can respond to disasters.



### Developments that meet user and market needs

We receive requests from our users for products with low running cost and operational ease, and we develop products that meet these needs. We also respond to specific needs of each market, such as specifications and the gas type to be used.



### Certifications

CHOFU products have been certified in Japan, and by countries around the world and by diverse international agencies.



# R290 Heat Pump Feature

Start your eco-friendly energy solution with CHOFU.  
Experience Greater Comfort, Greener Living, and Smarter Technology with CHOFU



## Premium Model

Built for high performance in cold climates.  
Designed stylish black exterior.

## Standard Model

Optimized for mild and temperate climates.

A lineup of 11 types in total. This lineup can accommodate different family structures, housing environments, and natural environments.

## Why Choose CHOFU’s R290 Heat Pump?



### 75°C Hot Water Supply

- Upgraded from the conventional 60°C to a powerful 75°C output.
- Ideal for replacing traditional fossil fuel-based heating systems.

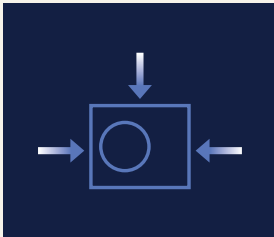


### Whisper-Quiet Operation

- High output with remarkably low noise performance.
- Operates at just 31 dB(A) from 5 meters—whisper-quiet (AEC-0449ZU-CH1).

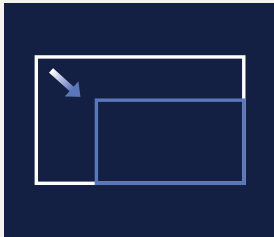


## Compact design / Achieves product miniaturization



### Compact Design

- Exceptionally compact R290 heat pump.
- Flexible installation for a wide range of environments and site conditions.



### Small Foot Print

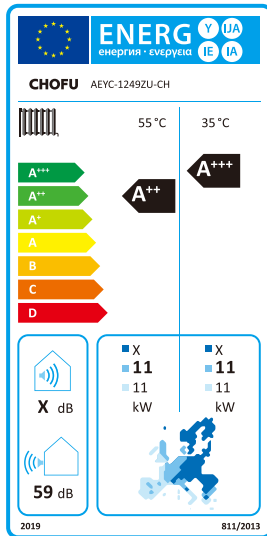
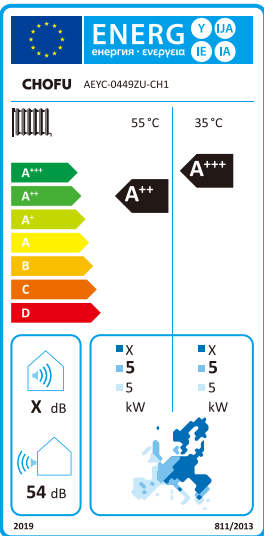
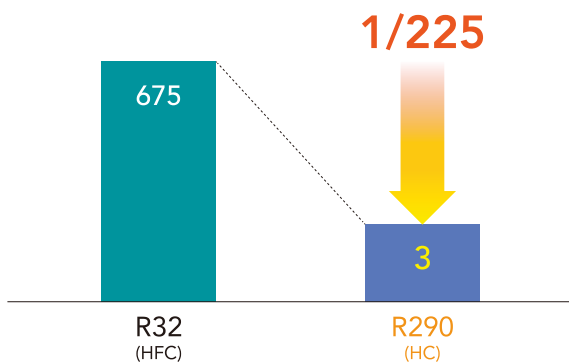
- Compact design achieving a smaller product size.
- Solves installation space issues without spoiling the appearance of your home.



## Natural Refrigerant R290

CHOFU heat pumps use R290, a natural refrigerant with an ultra-low Global Warming Potential (GWP) of just 3. By adopting R290, we contribute to significantly lower CO<sub>2</sub> emissions and promote a cleaner, more sustainable future.

Global Warming Potential (GWP) Comparison



## High Efficiency A+++

Our systems are rated A+++, the highest level on the EU energy efficiency scale, delivering exceptional performance in both water heating and climate control. Benefits include:

- Lower running costs
- Reduced electricity consumption
- A meaningful contribution to environmental protection

# Remote Controller



### 5-inch Color Touch Panel

The large color display shows all information in a clear and easy-to-read format.



### Advanced Scheduling

Customize heating, cooling, and hot water schedules by day of the week for precise control and comfort.



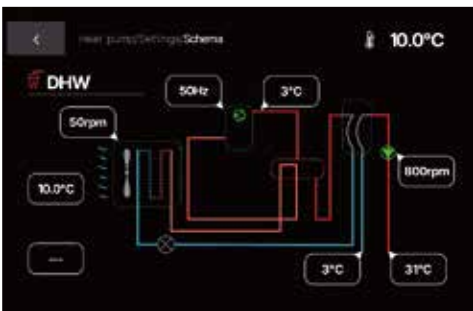
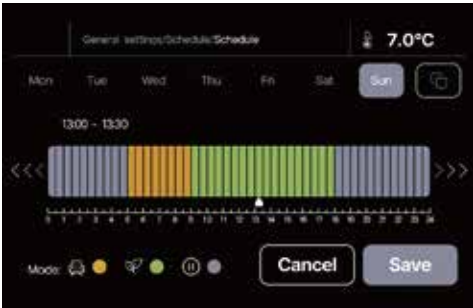
### Energy Monitoring

Easily check power consumption and heat pump operating status. Compatible with Smart Grid systems.



### CMR-4100M

- Full-color touchscreen interface.
- Wi-Fi enabled with app control for remote access.



## Comfy Connect CHOFU

Control your heat pump remotely using the dedicated Comfy Connect CHOFU app - even when you're away from home. Bluetooth connection is also supported for nearby use.

### Cloud Service Integration (For Users)



#### Smart Controller

Built-in Wi-Fi module allows connection to your home router.



#### Comfy Connect CHOFU

Compatible with both Android and iPhone devices. Also accessible via web browser.



#### Smartphone / PC

Easily switch operation modes and monitor usage from your device. Remote diagnostics are also available for heat pump troubleshooting.

### Easily operate it from outside your home using the Comfy Connect CHOFU app.

- Switch the HEAT PUMP power ON and OFF from outside your home.
- Adjust the temperature of the bathwater.

### By using the cloud service, you can visualize your daily hot water usage and help reduce utility costs.

#### ■ Data display

- ☐ Daily hot water usage, usage temperature, and usage time.
- ☐ Usage status of utility costs (electricity charges).



# Products Line-up

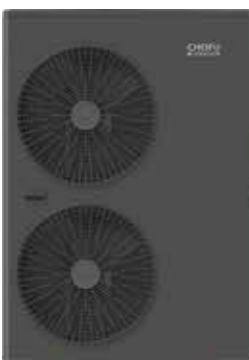
## Premium Model (A-7W55)



**AEYC-0449ZU-CH1**  
4.0kW 1ph



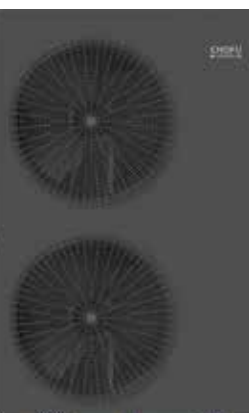
**AEYC-0649ZU-CH1**  
6.0kW 1ph



**AEYC-1049ZU-CH1**  
10.0kW 1ph



**AEYC-1050ZU3-CH1**  
10.0kW 3ph



**AEYC-1451ZU3-CH1**  
14.0kW 3ph

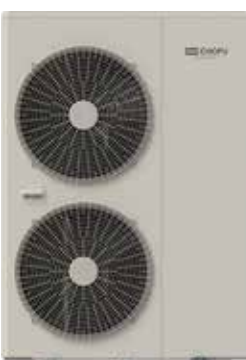
## Standard Model (A7W35)



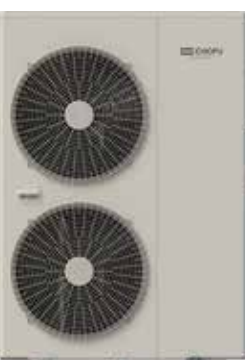
**AEYC-0649ZU-CH**  
6.0kW 1ph



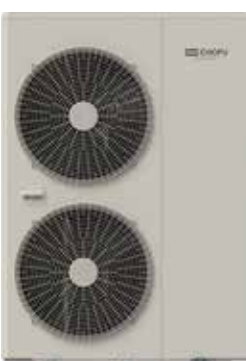
**AEYC-0849ZU-CH**  
8.0kW 1ph



**AEYC-1249ZU-CH**  
12.0kW 1ph



**AEYC-1250ZU3-CH**  
12.0kW 3ph



**AEYC-1451ZU-CH**  
14.0kW 1ph



**AEYC-1651ZU3-CH**  
16.0kW 3ph

## Remote Controller

You can choose from the two remote controller types below.



**CMR-4100M**  
Smart. Multi-functional. Efficient.  
Equipped with Wi-Fi function.



**CMR-2613**  
Simple. Practical. Easy.



## AEYC-0449ZU-CH1

● Outdoor installation type

Premium  
for cold climate

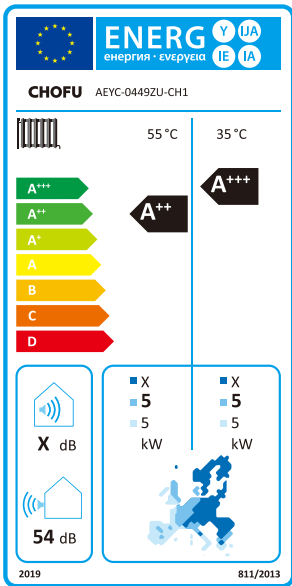
Heating  
Capacity \*  
4.0kW

Noise  
Level \*\*  
31dB(A)

\* A-7W55

\*\* 5m Night mode(A7W35)

## Energy Label



## Specification

|                                                       |                  |                       |
|-------------------------------------------------------|------------------|-----------------------|
| Model                                                 |                  | AEYC-0449ZU-CH1       |
| Power Supply                                          |                  | 230V 50Hz             |
| Average Low Temperature                               | SCOP             | 4.5                   |
| Average Medium Temperature                            | SCOP             | 3.3                   |
| Heating (A7W35)                                       | Capacity(Rated)  | 4.0kW                 |
|                                                       | Power Input      | 0.87kW                |
|                                                       | Running Current  | 3.8A (Max. 12.0A)     |
|                                                       | COP              | 4.60                  |
| Heating (A2W35)                                       | Capacity         | 4.0kW                 |
|                                                       | COP              | 3.81                  |
| Heating (A-7W35)                                      | Capacity         | 4.0kW                 |
|                                                       | COP              | 2.60                  |
| Heating (A7W55)                                       | Capacity         | 4.0kW                 |
|                                                       | COP              | 3.19                  |
| Heating (A2W55)                                       | Capacity         | 4.0kW                 |
|                                                       | COP              | 2.80                  |
| Heating (A-7W55)                                      | Capacity         | 4.0kW                 |
|                                                       | COP              | 2.07                  |
| Cooling (A35W18)                                      | Capacity (Rated) | 4.0kW                 |
|                                                       | Power Input      | 1.00kW                |
|                                                       | Running Current  | 4.3A (Max. 9.6A)      |
|                                                       | EER              | 4.00                  |
| Noise Level (Sound Pressure Level) Night mode (A7W35) | 1m               | 43dB(A)               |
|                                                       | 3m               | 36dB(A)               |
|                                                       | 5m               | 31dB(A)               |
| Operating Range                                       | Heating          | -20~45°C              |
|                                                       | Cooling          | 15~45°C               |
| Leaving Water Temperature                             | Heating          | ~75°C                 |
|                                                       | Cooling          | 7°C~                  |
| Refrigerant                                           |                  | R290                  |
| Dimensitions (H x W x D)                              | Net              | 886 x 1,000 x 330mm   |
|                                                       | Gross            | 1,075 x 1,120 x 470mm |
| Weight                                                | Net              | 66kg                  |
|                                                       | Gross            | 79kg                  |



# AEYC-0649ZU-CH1

● Outdoor installation type

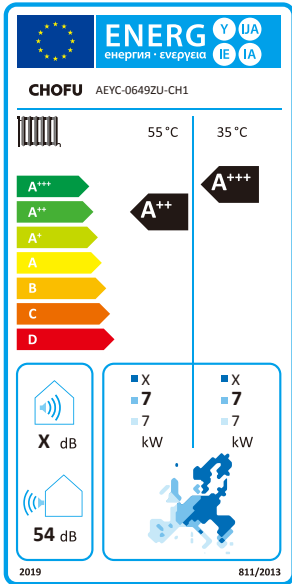
Premium  
for cold climate

Heating  
Capacity \*  
6.0kW

Noise  
Level \*\*  
33dB(A)

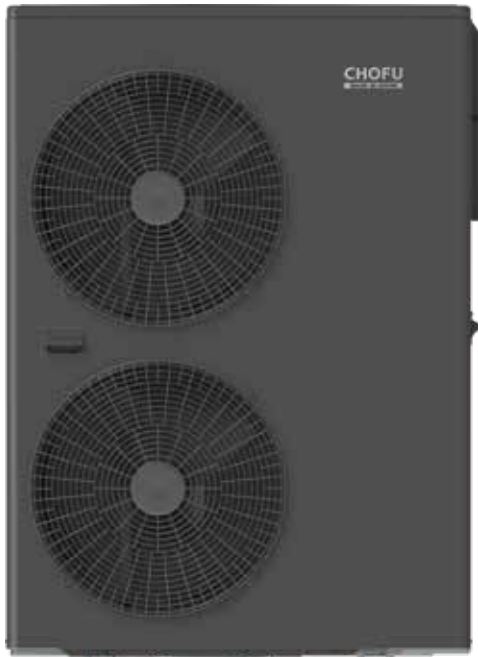
\* A-7W55  
\*\* 5m Night mode(A7W35)

## Energy Label



## Specification

|                                                             |                  |                       |
|-------------------------------------------------------------|------------------|-----------------------|
| Model                                                       |                  | AEYC-0649ZU-CH1       |
| Power Supply                                                |                  | 230V 50Hz             |
| Average Low Temperature                                     | SCOP             | 4.5                   |
| Average Medium Temperature                                  | SCOP             | 3.4                   |
| Heating<br>(A7W35)                                          | Capacity(Rated)  | 6.0kW                 |
|                                                             | Power Input      | 1.23kW                |
|                                                             | Running Current  | 5.3A (Max. 16.6A)     |
|                                                             | COP              | 4.88                  |
| Heating<br>(A2W35)                                          | Capacity         | 6.0kW                 |
|                                                             | COP              | 3.85                  |
| Heating<br>(A-7W35)                                         | Capacity         | 6.0kW                 |
|                                                             | COP              | 2.86                  |
| Heating<br>(A7W55)                                          | Capacity         | 6.0kW                 |
|                                                             | COP              | 3.50                  |
| Heating<br>(A2W55)                                          | Capacity         | 6.0kW                 |
|                                                             | COP              | 2.74                  |
| Heating<br>(A-7W55)                                         | Capacity         | 6.0kW                 |
|                                                             | COP              | 2.06                  |
| Cooling<br>(A35W18)                                         | Capacity (Rated) | 6.0kW                 |
|                                                             | Power Input      | 1.35kW                |
|                                                             | Running Current  | 5.9A (Max. 12.0A)     |
|                                                             | EER              | 4.44                  |
| Noise Level<br>(Sound Pressure Level)<br>Night mode (A7W35) | 1m               | 44dB(A)               |
|                                                             | 3m               | 37dB(A)               |
|                                                             | 5m               | 33dB(A)               |
| Operating<br>Range                                          | Heating          | -20~45℃               |
|                                                             | Cooling          | 15~45℃                |
| Leaving Water<br>Temperature                                | Heating          | ~75℃                  |
|                                                             | Cooling          | 7℃~                   |
| Refrigerant                                                 |                  | R290                  |
| Dimensions<br>(H x W x D)                                   | Net              | 886 x 1,000 x 330mm   |
|                                                             | Gross            | 1,075 x 1,120 x 470mm |
| Weight                                                      | Net              | 82kg                  |
|                                                             | Gross            | 95kg                  |



# AEYC-1049ZU-CH1

● Outdoor installation type

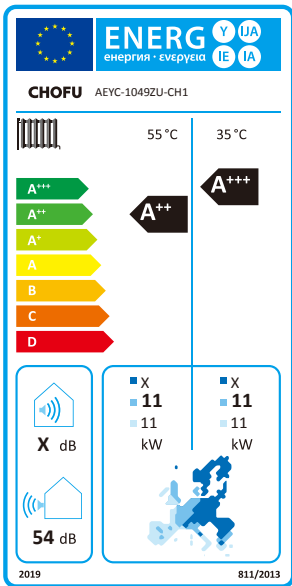
Premium  
for cold climate

Heating  
Capacity \*  
10.0kW

Noise  
Level \*\*  
34dB(A)

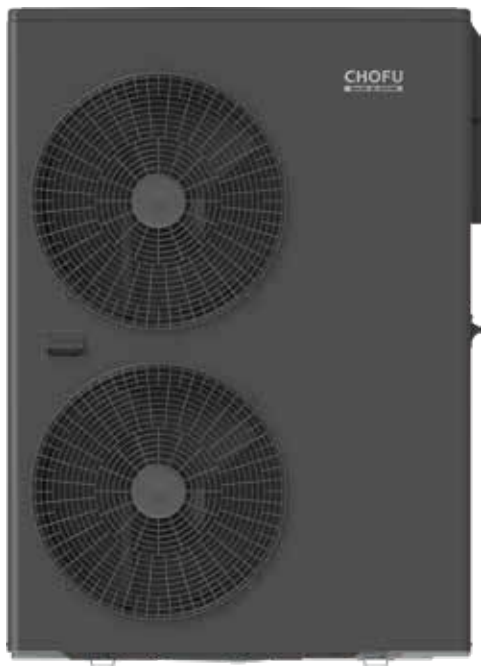
\* A-7W55  
\*\* 5m Night mode(A7W35)

## Energy Label



## Specification

|                                                             |                  |                       |
|-------------------------------------------------------------|------------------|-----------------------|
| Model                                                       |                  | AEYC-1049ZU-CH1       |
| Power Supply                                                |                  | 230V 50Hz             |
| Average Low Temperature                                     | SCOP             | 4.7                   |
| Average Medium Temperature                                  | SCOP             | 3.6                   |
| Heating<br>(A7W35)                                          | Capacity(Rated)  | 10.0kW                |
|                                                             | Power Input      | 2.02kW                |
|                                                             | Running Current  | 8.8A (Max. 24.0A)     |
|                                                             | COP              | 4.95                  |
| Heating<br>(A2W35)                                          | Capacity         | 10.0kW                |
|                                                             | COP              | 3.81                  |
| Heating<br>(A-7W35)                                         | Capacity         | 10.0kW                |
|                                                             | COP              | 2.44                  |
| Heating<br>(A7W55)                                          | Capacity         | 10.0kW                |
|                                                             | COP              | 3.26                  |
| Heating<br>(A2W55)                                          | Capacity         | 10.0kW                |
|                                                             | COP              | 2.45                  |
| Heating<br>(A-7W55)                                         | Capacity         | 10.0kW                |
|                                                             | COP              | 1.93                  |
| Cooling<br>(A35W18)                                         | Capacity (Rated) | 10.0kW                |
|                                                             | Power Input      | 2.40kW                |
|                                                             | Running Current  | 10.4A (Max. 15.4A)    |
|                                                             | EER              | 4.17                  |
| Noise Level<br>(Sound Pressure Level)<br>Night mode (A7W35) | 1m               | 47dB(A)               |
|                                                             | 3m               | 38dB(A)               |
|                                                             | 5m               | 34dB(A)               |
| Operating<br>Range                                          | Heating          | -20~45℃               |
|                                                             | Cooling          | 15~45℃                |
| Leaving Water<br>Temperature                                | Heating          | ~75℃                  |
|                                                             | Cooling          | 7℃~                   |
| Refrigerant                                                 |                  | R290                  |
| Dimensions<br>(H x W x D)                                   | Net              | 1,418 x 1,000 x 330mm |
|                                                             | Gross            | 1,610 x 1,120 x 470mm |
| Weight                                                      | Net              | 120kg                 |
|                                                             | Gross            | 134kg                 |



# AEYC-1050ZU3-CH1

● Outdoor installation type

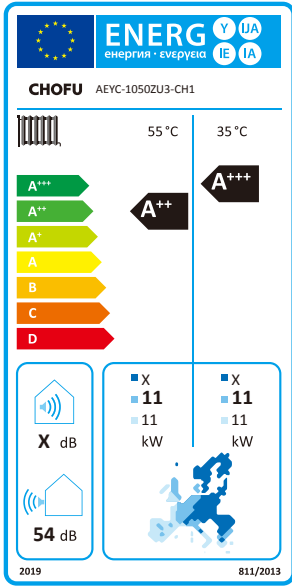
Premium  
for cold climate

Heating  
Capacity \*  
10.0kW

Noise  
Level \*\*  
34dB(A)

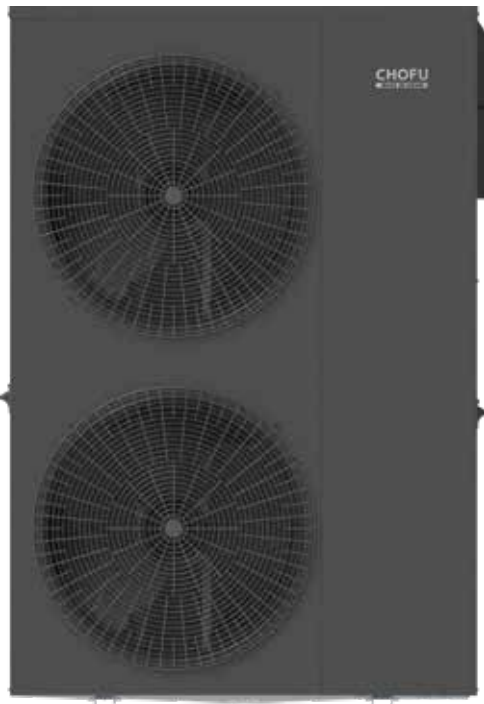
\* A-7W55  
\*\* 5m Night mode(A7W35)

## Energy Label



## Specification

|                                                             |                  |                       |
|-------------------------------------------------------------|------------------|-----------------------|
| Model                                                       |                  | AEYC-1050ZU3-CH1      |
| Power Supply                                                |                  | 3N~ 400V 50Hz         |
| Average Low Temperature                                     | SCOP             | 4.6                   |
| Average Medium Temperature                                  | SCOP             | 3.5                   |
| Heating<br>(A7W35)                                          | Capacity(Rated)  | 10.0kW                |
|                                                             | Power Input      | 2.12kW                |
|                                                             | Running Current  | 3.2A (Max. 8.0A)      |
|                                                             | COP              | 4.72                  |
| Heating<br>(A2W35)                                          | Capacity         | 10.0kW                |
|                                                             | COP              | 3.73                  |
| Heating<br>(A-7W35)                                         | Capacity         | 10.0kW                |
|                                                             | COP              | 2.39                  |
| Heating<br>(A7W55)                                          | Capacity         | 10.0kW                |
|                                                             | COP              | 3.11                  |
| Heating<br>(A2W55)                                          | Capacity         | 10.0kW                |
|                                                             | COP              | 2.40                  |
| Heating<br>(A-7W55)                                         | Capacity         | 10.0kW                |
|                                                             | COP              | 1.89                  |
| Cooling<br>(A35W18)                                         | Capacity (Rated) | 10.0kW                |
|                                                             | Power Input      | 2.57kW                |
|                                                             | Running Current  | 3.9A (Max. 6.6A)      |
|                                                             | EER              | 3.89                  |
| Noise Level<br>(Sound Pressure Level)<br>Night mode (A7W35) | 1m               | 47dB(A)               |
|                                                             | 3m               | 38dB(A)               |
|                                                             | 5m               | 34dB(A)               |
| Operating<br>Range                                          | Heating          | -20~45℃               |
|                                                             | Cooling          | 15~45℃                |
| Leaving Water<br>Temperature                                | Heating          | ~75℃                  |
|                                                             | Cooling          | 7℃~                   |
| Refrigerant                                                 |                  | R290                  |
| Dimemions<br>(H x W x D)                                    | Net              | 1,418 x 1,000 x 330mm |
|                                                             | Gross            | 1,610 x 1,120 x 470mm |
| Weight                                                      | Net              | 127kg                 |
|                                                             | Gross            | 141kg                 |



# AEYC-1451ZU3-CH1

● Outdoor installation type

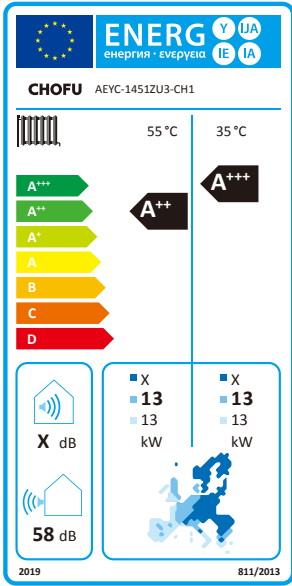
Premium  
for cold climate

Heating  
Capacity \*  
14.0kW

Noise  
Level \*\*  
40dB(A)

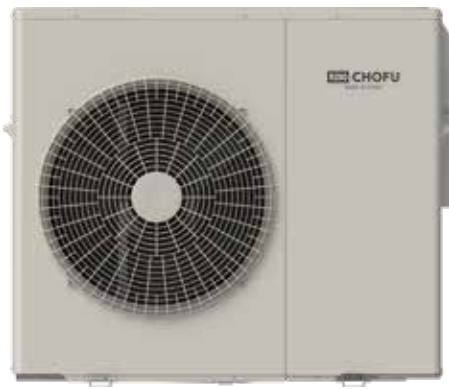
\* A-7W55  
\*\* 5m Night mode(A7W35)

## Energy Label



## Specification

|                                                             |                  |                       |
|-------------------------------------------------------------|------------------|-----------------------|
| Model                                                       |                  | AEYC-1451ZU3-CH1      |
| Power Supply                                                |                  | 3N~ 400V 50Hz         |
| Average Low Temperature                                     | SCOP             | 4.7                   |
| Average Medium Temperature                                  | SCOP             | 3.4                   |
| Heating<br>(A7W35)                                          | Capacity(Rated)  | 14.0kW                |
|                                                             | Power Input      | 3.06kW                |
|                                                             | Running Current  | 4.7A (Max. 14.0A)     |
|                                                             | COP              | 4.58                  |
| Heating<br>(A2W35)                                          | Capacity         | 14.0kW                |
|                                                             | COP              | 3.19                  |
| Heating<br>(A-7W35)                                         | Capacity         | 14.0kW                |
|                                                             | COP              | 2.36                  |
| Heating<br>(A7W55)                                          | Capacity         | 14.0kW                |
|                                                             | COP              | 3.18                  |
| Heating<br>(A2W55)                                          | Capacity         | 14.0kW                |
|                                                             | COP              | 2.53                  |
| Heating<br>(A-7W55)                                         | Capacity         | 14.0kW                |
|                                                             | COP              | 1.96                  |
| Cooling<br>(A35W18)                                         | Capacity (Rated) | 14.0kW                |
|                                                             | Power Input      | 2.93kW                |
|                                                             | Running Current  | 4.5A (Max. 8.0A)      |
|                                                             | EER              | 4.78                  |
| Noise Level<br>(Sound Pressure Level)<br>Night mode (A7W35) | 1m               | 51dB(A)               |
|                                                             | 3m               | 44dB(A)               |
|                                                             | 5m               | 40dB(A)               |
| Operating<br>Range                                          | Heating          | -20~45℃               |
|                                                             | Cooling          | 15~45℃                |
| Leaving Water<br>Temperature                                | Heating          | ~75℃                  |
|                                                             | Cooling          | 7℃~                   |
| Refrigerant                                                 |                  | R290                  |
| Dimemions<br>(H x W x D)                                    | Net              | 1,692 x 1,128 x 438mm |
|                                                             | Gross            | 1,870 x 1,255 x 595mm |
| Weight                                                      | Net              | 159kg                 |
|                                                             | Gross            | 177kg                 |



# AEYC-0649ZU-CH

● Outdoor installation type

Heating Capacity \*

6.0kW

Heating COP \*

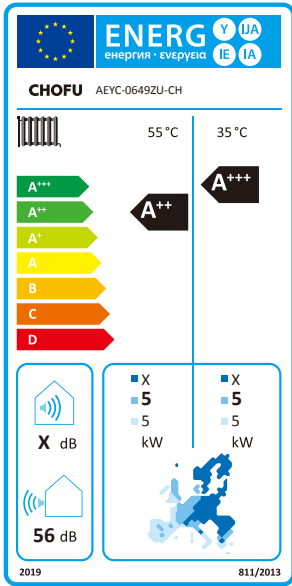
4.58

Noise Level \*\*

31dB(A)

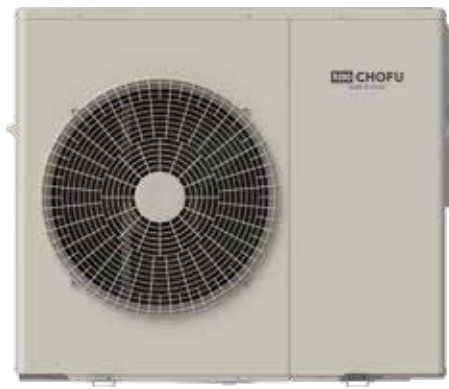
\* A7W35  
\*\* 5m Night mode(A7W35)

## Energy Label



## Specification

|                                                       |                  |                       |
|-------------------------------------------------------|------------------|-----------------------|
| Model                                                 |                  | AEYC-0649ZU-CH        |
| Power Supply                                          |                  | 230V 50Hz             |
| Average Low Temperature                               | SCOP             | 4.5                   |
| Average Medium Temperature                            | SCOP             | 3.3                   |
| Heating (A7W35)                                       | Capacity (Rated) | 6.0kW                 |
|                                                       | Power Input      | 1.31kW                |
|                                                       | Running Current  | 5.7A (Max. 12.0A)     |
|                                                       | COP              | 4.58                  |
| Cooling (A35W18)                                      | Capacity (Rated) | 6.0kW                 |
|                                                       | Power Input      | 1.75kW                |
|                                                       | Running Current  | 7.6A (Max. 9.6A)      |
|                                                       | EER              | 3.43                  |
| Noise Level (Sound Pressure Level) Night mode (A7W35) | 1m               | 43dB(A)               |
|                                                       | 3m               | 36dB(A)               |
|                                                       | 5m               | 31dB(A)               |
| Operating Range                                       | Heating          | -20~45℃               |
|                                                       | Cooling          | 15~45℃                |
| Leaving Water Temperature                             | Heating          | ~75℃                  |
|                                                       | Cooling          | 7℃~                   |
| Refrigerant                                           |                  | R290                  |
| Dimemsions (H x W x D)                                | Net              | 886 x 1,000 x 330mm   |
|                                                       | Gross            | 1,075 x 1,120 x 470mm |
| Weight                                                | Net              | 66kg                  |
|                                                       | Gross            | 79kg                  |



# AEYC-0849ZU-CH

● Outdoor installation type

Heating Capacity \*

8.0kW

Heating COP \*

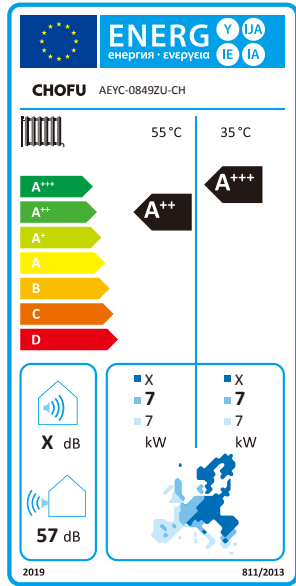
4.71

Noise Level \*\*

33dB(A)

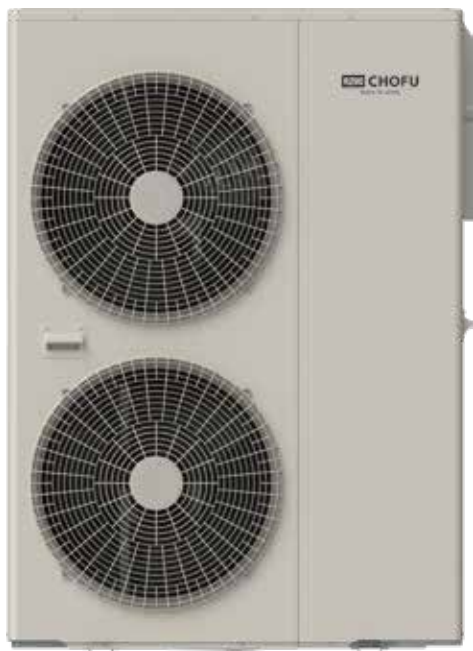
\* A7W35  
\*\* 5m Night mode(A7W35)

## Energy Label



## Specification

|                                                       |                  |                       |
|-------------------------------------------------------|------------------|-----------------------|
| Model                                                 |                  | AEYC-0849ZU-CH        |
| Power Supply                                          |                  | 230V 50Hz             |
| Average Low Temperature                               | SCOP             | 4.5                   |
| Average Medium Temperature                            | SCOP             | 3.5                   |
| Heating (A7W35)                                       | Capacity (Rated) | 8.0kW                 |
|                                                       | Power Input      | 1.70kW                |
|                                                       | Running Current  | 7.0A (Max. 16.6A)     |
|                                                       | COP              | 4.71                  |
| Cooling (A35W18)                                      | Capacity (Rated) | 8.0kW                 |
|                                                       | Power Input      | 2.05kW                |
|                                                       | Running Current  | 8.9A (Max. 12.0A)     |
|                                                       | EER              | 3.90                  |
| Noise Level (Sound Pressure Level) Night mode (A7W35) | 1m               | 44dB(A)               |
|                                                       | 3m               | 37dB(A)               |
|                                                       | 5m               | 33dB(A)               |
| Operating Range                                       | Heating          | -20~45℃               |
|                                                       | Cooling          | 15~45℃                |
| Leaving Water Temperature                             | Heating          | ~75℃                  |
|                                                       | Cooling          | 7℃~                   |
| Refrigerant                                           |                  | R290                  |
| Dimemsions (H x W x D)                                | Net              | 886 x 1,000 x 330mm   |
|                                                       | Gross            | 1,075 x 1,120 x 470mm |
| Weight                                                | Net              | 82kg                  |
|                                                       | Gross            | 95kg                  |



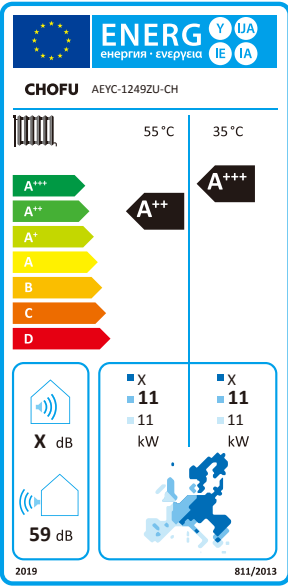
## AEYC-1249ZU-CH

● Outdoor installation type

|                                     |                              |                                  |
|-------------------------------------|------------------------------|----------------------------------|
| Heating Capacity *<br><b>12.0kW</b> | Heating COP *<br><b>4.90</b> | Noise Level **<br><b>34dB(A)</b> |
|-------------------------------------|------------------------------|----------------------------------|

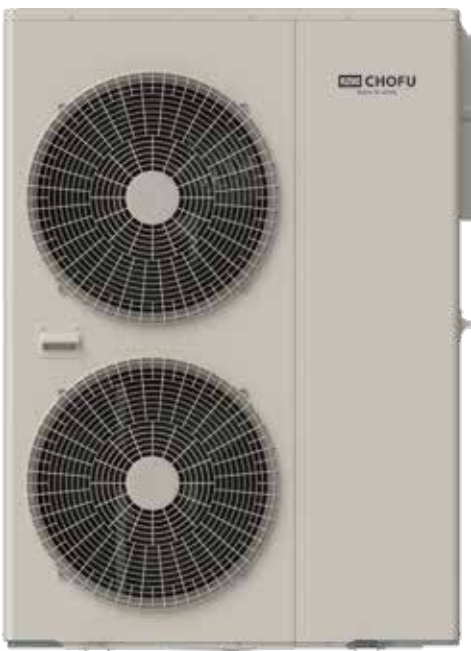
\* A7W35  
\*\* 5m Night mode(A7W35)

### Energy Label



### Specification

|                                                       |                  |                       |
|-------------------------------------------------------|------------------|-----------------------|
| Model                                                 |                  | AEYC-1249ZU-CH        |
| Power Supply                                          |                  | 230V 50Hz             |
| Average Low Temperature                               | SCOP             | 4.7                   |
| Average Medium Temperature                            | SCOP             | 3.6                   |
| Heating (A7W35)                                       | Capacity (Rated) | 12.0kW                |
|                                                       | Power Input      | 2.45kW                |
|                                                       | Running Current  | 10.7A (Max. 24.0A)    |
|                                                       | COP              | 4.90                  |
| Cooling (A35W18)                                      | Capacity (Rated) | 12.0kW                |
|                                                       | Power Input      | 3.08kW                |
|                                                       | Running Current  | 13.3A (Max. 15.4A)    |
|                                                       | EER              | 3.90                  |
| Noise Level (Sound Pressure Level) Night mode (A7W35) | 1m               | 47dB(A)               |
|                                                       | 3m               | 38dB(A)               |
|                                                       | 5m               | 34dB(A)               |
| Operating Range                                       | Heating          | -20~45℃               |
|                                                       | Cooling          | 15~45℃                |
| Leaving Water Temperature                             | Heating          | ~75℃                  |
|                                                       | Cooling          | 7℃~                   |
| Refrigerant                                           |                  | R290                  |
| Dimemsions (H x W x D)                                | Net              | 1,418 x 1,000 x 330mm |
|                                                       | Gross            | 1,610 x 1,120 x 470mm |
| Weight                                                | Net              | 120kg                 |
|                                                       | Gross            | 134kg                 |



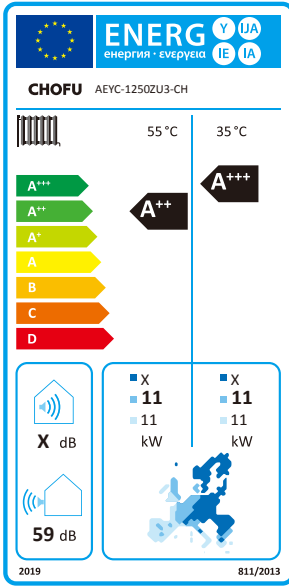
## AEYC-1250ZU3-CH

● Outdoor installation type

|                                     |                              |                                  |
|-------------------------------------|------------------------------|----------------------------------|
| Heating Capacity *<br><b>12.0kW</b> | Heating COP *<br><b>4.67</b> | Noise Level **<br><b>34dB(A)</b> |
|-------------------------------------|------------------------------|----------------------------------|

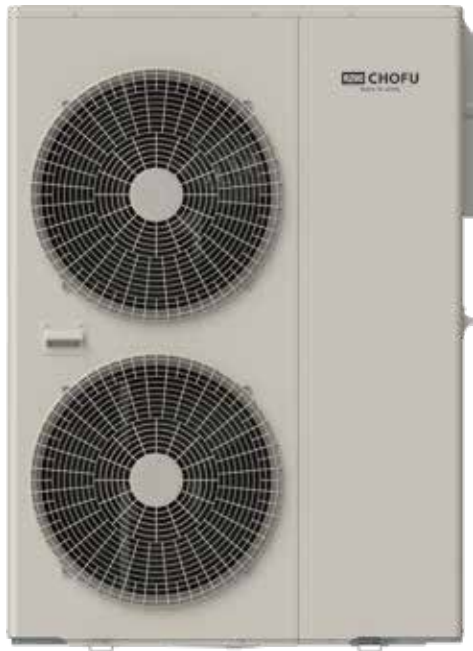
\* A7W35  
\*\* 5m Night mode(A7W35)

### Energy Label



### Specification

|                                                       |                  |                       |
|-------------------------------------------------------|------------------|-----------------------|
| Model                                                 |                  | AEYC-1250ZU3-CH       |
| Power Supply                                          |                  | 3N~ 400V 50Hz         |
| Average Low Temperature                               | SCOP             | 4.6                   |
| Average Medium Temperature                            | SCOP             | 3.5                   |
| Heating (A7W35)                                       | Capacity (Rated) | 12.0kW                |
|                                                       | Power Input      | 2.57kW                |
|                                                       | Running Current  | 3.9A (Max. 8.0A)      |
|                                                       | COP              | 4.67                  |
| Cooling (A35W18)                                      | Capacity (Rated) | 12.0kW                |
|                                                       | Power Input      | 3.19kW                |
|                                                       | Running Current  | 4.8A (Max. 6.6A)      |
|                                                       | EER              | 3.76                  |
| Noise Level (Sound Pressure Level) Night mode (A7W35) | 1m               | 47dB(A)               |
|                                                       | 3m               | 38dB(A)               |
|                                                       | 5m               | 34dB(A)               |
| Operating Range                                       | Heating          | -20~45℃               |
|                                                       | Cooling          | 15~45℃                |
| Leaving Water Temperature                             | Heating          | ~75℃                  |
|                                                       | Cooling          | 7℃~                   |
| Refrigerant                                           |                  | R290                  |
| Dimemsions (H x W x D)                                | Net              | 1,418 x 1,000 x 330mm |
|                                                       | Gross            | 1,610 x 1,120 x 470mm |
| Weight                                                | Net              | 127kg                 |
|                                                       | Gross            | 141kg                 |



AEYC-1451ZU-CH

● Outdoor installation type

Heating Capacity \*

14.0kW

Heating COP \*

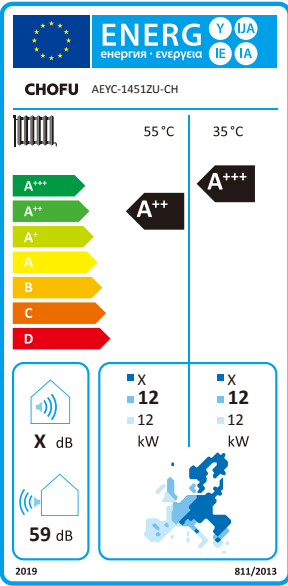
4.64

Noise Level \*\*

35dB(A)

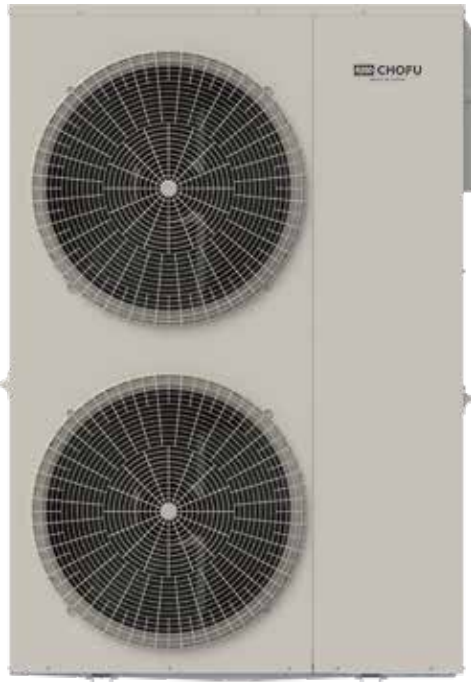
\* A7W35  
\*\* 5m Night mode(A7W35)

Energy Label



Specification

|                                                       |                  |                       |
|-------------------------------------------------------|------------------|-----------------------|
| Model                                                 |                  | AEYC-1451ZU-CH        |
| Power Supply                                          |                  | 230V 50Hz             |
| Average Low Temperature                               | SCOP             | 4.5                   |
| Average Medium Temperature                            | SCOP             | 3.5                   |
| Heating (A7W35)                                       | Capacity (Rated) | 14.0kW                |
|                                                       | Power Input      | 3.02kW                |
|                                                       | Running Current  | 13.2A (Max. 24.0A)    |
|                                                       | COP              | 4.64                  |
| Cooling (A35W18)                                      | Capacity (Rated) | 14.0kW                |
|                                                       | Power Input      | 3.82kW                |
|                                                       | Running Current  | 17.0A (Max. 20.0A)    |
|                                                       | EER              | 3.66                  |
| Noise Level (Sound Pressure Level) Night mode (A7W35) | 1m               | 47dB(A)               |
|                                                       | 3m               | 39dB(A)               |
|                                                       | 5m               | 35dB(A)               |
| Operating Range                                       | Heating          | -20~45℃               |
|                                                       | Cooling          | 15~45℃                |
| Leaving Water Temperature                             | Heating          | ~75℃                  |
|                                                       | Cooling          | 7℃~                   |
| Refrigerant                                           |                  | R290                  |
| Dimemsions (H x W x D)                                | Net              | 1,418 x 1,000 x 330mm |
|                                                       | Gross            | 1,610 x 1,120 x 470mm |
| Weight                                                | Net              | 120kg                 |
|                                                       | Gross            | 134kg                 |



AEYC-1651ZU3-CH

● Outdoor installation type

Heating Capacity \*

16.0kW

Heating COP \*

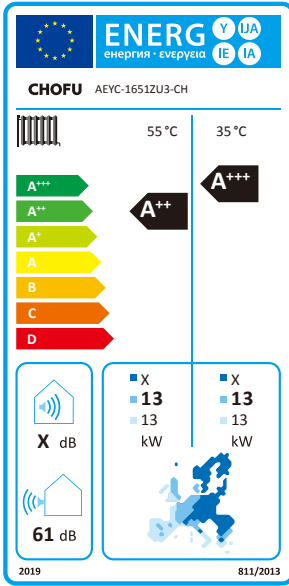
4.48

Noise Level \*\*

40dB(A)

\* A7W35  
\*\* 5m Night mode(A7W35)

Energy Label



Specification

|                                                       |                  |                       |
|-------------------------------------------------------|------------------|-----------------------|
| Model                                                 |                  | AEYC-1651ZU3-CH       |
| Power Supply                                          |                  | 3N~ 400V 50Hz         |
| Average Low Temperature                               | SCOP             | 4.6                   |
| Average Medium Temperature                            | SCOP             | 3.4                   |
| Heating (A7W35)                                       | Capacity (Rated) | 16.0kW                |
|                                                       | Power Input      | 3.57kW                |
|                                                       | Running Current  | 5.4A (Max. 14.0A)     |
|                                                       | COP              | 4.48                  |
| Cooling (A35W18)                                      | Capacity (Rated) | 16.0kW                |
|                                                       | Power Input      | 3.76kW                |
|                                                       | Running Current  | 5.7A (Max. 8.0A)      |
|                                                       | EER              | 4.26                  |
| Noise Level (Sound Pressure Level) Night mode (A7W35) | 1m               | 51dB(A)               |
|                                                       | 3m               | 44dB(A)               |
|                                                       | 5m               | 40dB(A)               |
| Operating Range                                       | Heating          | -20~45℃               |
|                                                       | Cooling          | 15~45℃                |
| Leaving Water Temperature                             | Heating          | ~75℃                  |
|                                                       | Cooling          | 7℃~                   |
| Refrigerant                                           |                  | R290                  |
| Dimemsions (H x W x D)                                | Net              | 1,692 x 1,128 x 438mm |
|                                                       | Gross            | 1,870 x 1,255 x 595mm |
| Weight                                                | Net              | 159kg                 |
|                                                       | Gross            | 177kg                 |