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CHOFU

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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.

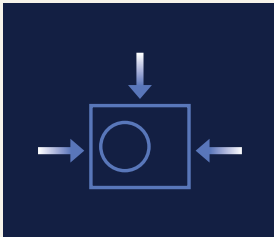


Whisper-Quiet Operation

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

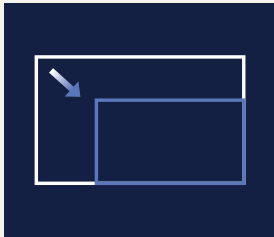


Compact design / Achieves product miniaturization



Compact Design

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



Small Foot Print

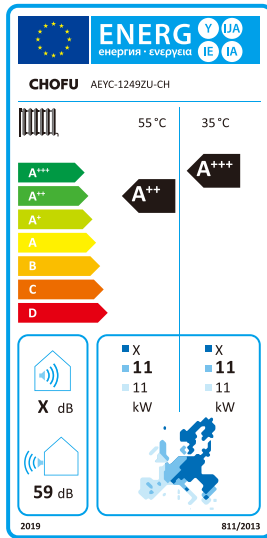
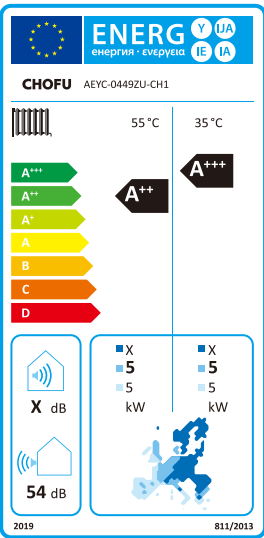
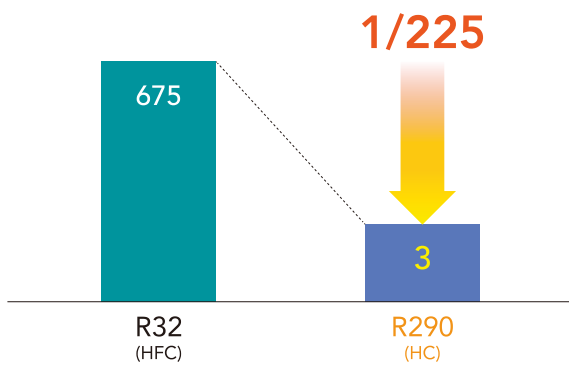
- Compact design achieving a smaller product size.
- Solves installation space issues without spoiling the appearance of your home.



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 CO₂ 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.



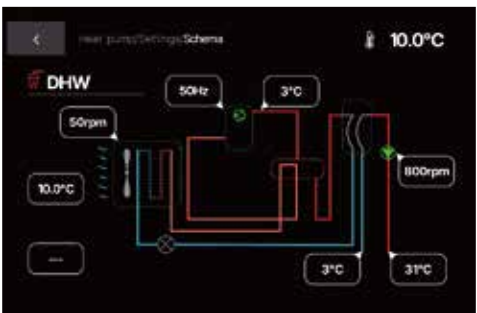
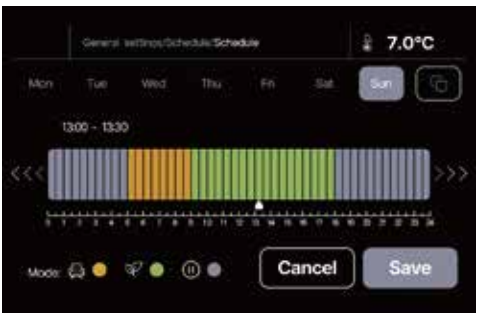
Energy Monitoring

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.



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

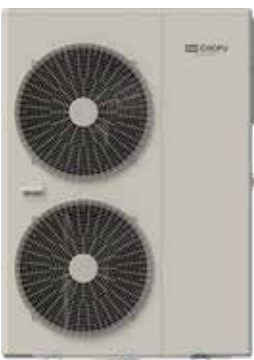
Standard Model (A7W35)



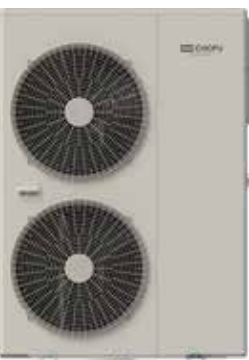
AEYC-0649ZU-CH
6.0kW 1ph



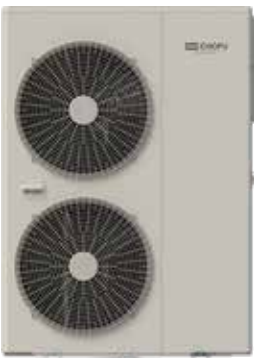
AEYC-0849ZU-CH
8.0kW 1ph



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

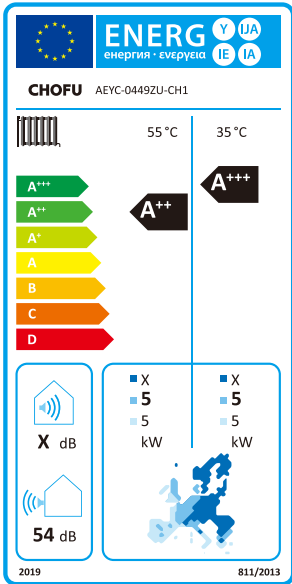
Premium
for cold climate

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

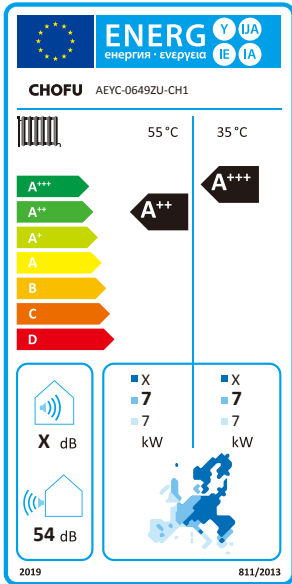
Premium
for cold climate

Heating
Capacity *
6.0kW

Noise
Level **
33dB(A)

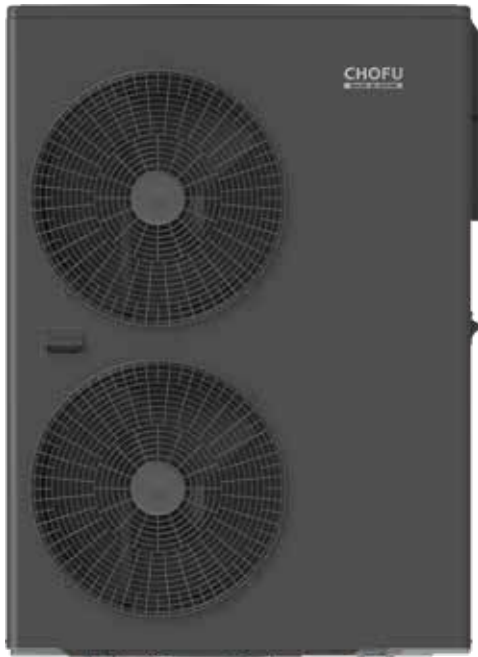
* A-7W55
** 5m Night mode(A7W35)

Energy Label



Specification

Model		AEYC-0649ZU-CH1
Power Supply		230V 50Hz
Average Low Temperature	SCOP	4.5
Average Medium Temperature	SCOP	3.4
Heating (A7W35)	Capacity(Rated)	6.0kW
	Power Input	1.23kW
	Running Current	5.3A (Max. 16.6A)
	COP	4.88
Heating (A2W35)	Capacity	6.0kW
	COP	3.85
Heating (A-7W35)	Capacity	6.0kW
	COP	2.86
Heating (A7W55)	Capacity	6.0kW
	COP	3.50
Heating (A2W55)	Capacity	6.0kW
	COP	2.74
Heating (A-7W55)	Capacity	6.0kW
	COP	2.06
Cooling (A35W18)	Capacity (Rated)	6.0kW
	Power Input	1.35kW
	Running Current	5.9A (Max. 12.0A)
	EER	4.44
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
Dimensions (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

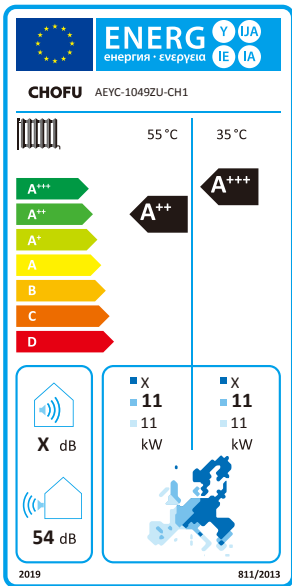
Premium
for cold climate

Heating
Capacity *
10.0kW

Noise
Level **
34dB(A)

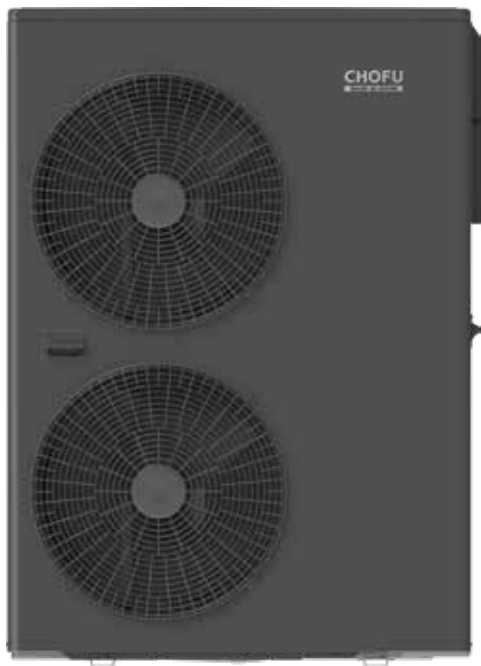
* A-7W55
** 5m Night mode(A7W35)

Energy Label



Specification

Model		AEYC-1049ZU-CH1
Power Supply		230V 50Hz
Average Low Temperature	SCOP	4.7
Average Medium Temperature	SCOP	3.6
Heating (A7W35)	Capacity(Rated)	10.0kW
	Power Input	2.02kW
	Running Current	8.8A (Max. 24.0A)
	COP	4.95
Heating (A2W35)	Capacity	10.0kW
	COP	3.81
Heating (A-7W35)	Capacity	10.0kW
	COP	2.44
Heating (A7W55)	Capacity	10.0kW
	COP	3.26
Heating (A2W55)	Capacity	10.0kW
	COP	2.45
Heating (A-7W55)	Capacity	10.0kW
	COP	1.93
Cooling (A35W18)	Capacity (Rated)	10.0kW
	Power Input	2.40kW
	Running Current	10.4A (Max. 15.4A)
	EER	4.17
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
Dimensions (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

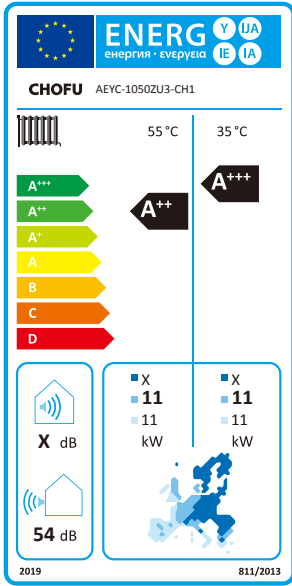
Premium
for cold climate

Heating
Capacity *
10.0kW

Noise
Level **
34dB(A)

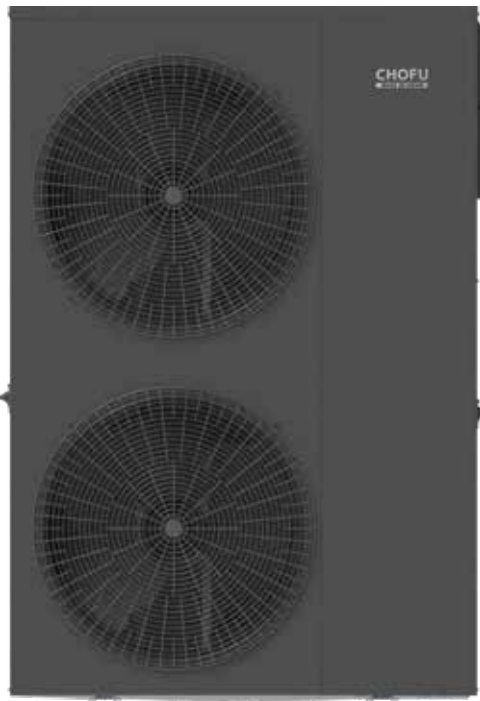
* A-7W55
** 5m Night mode(A7W35)

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 (A7W35)	Capacity(Rated)	10.0kW
	Power Input	2.12kW
	Running Current	3.2A (Max. 8.0A)
	COP	4.72
Heating (A2W35)	Capacity	10.0kW
	COP	3.73
Heating (A-7W35)	Capacity	10.0kW
	COP	2.39
Heating (A7W55)	Capacity	10.0kW
	COP	3.11
Heating (A2W55)	Capacity	10.0kW
	COP	2.40
Heating (A-7W55)	Capacity	10.0kW
	COP	1.89
Cooling (A35W18)	Capacity (Rated)	10.0kW
	Power Input	2.57kW
	Running Current	3.9A (Max. 6.6A)
	EER	3.89
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
Dimemions (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

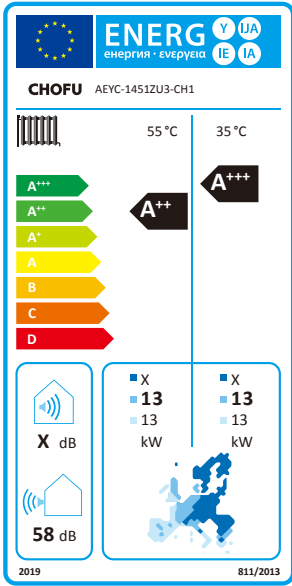
Premium
for cold climate

Heating
Capacity *
14.0kW

Noise
Level **
40dB(A)

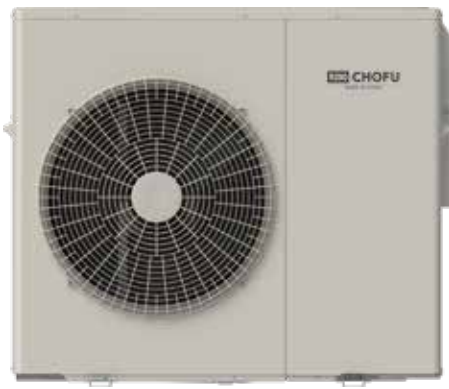
* A-7W55
** 5m Night mode(A7W35)

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 (A7W35)	Capacity(Rated)	14.0kW
	Power Input	3.06kW
	Running Current	4.7A (Max. 14.0A)
	COP	4.58
Heating (A2W35)	Capacity	14.0kW
	COP	3.19
Heating (A-7W35)	Capacity	14.0kW
	COP	2.36
Heating (A7W55)	Capacity	14.0kW
	COP	3.18
Heating (A2W55)	Capacity	14.0kW
	COP	2.53
Heating (A-7W55)	Capacity	14.0kW
	COP	1.96
Cooling (A35W18)	Capacity (Rated)	14.0kW
	Power Input	2.93kW
	Running Current	4.5A (Max. 8.0A)
	EER	4.78
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
Dimemions (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



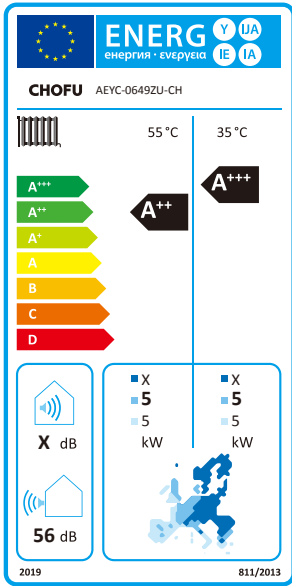
AEYC-0649ZU-CH

● Outdoor installation type

Heating Capacity *	Heating COP *	Noise Level **
6.0kW	4.58	31dB(A)

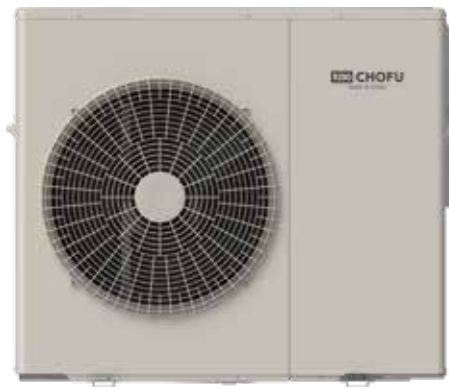
* A7W35
** 5m Night mode(A7W35)

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



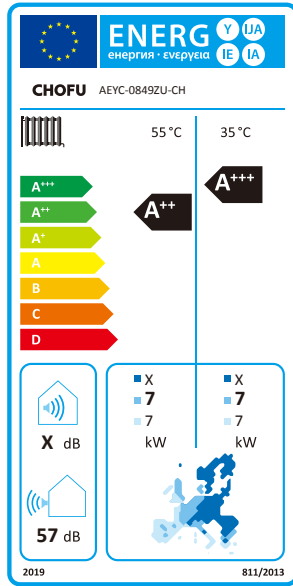
AEYC-0849ZU-CH

● Outdoor installation type

Heating Capacity *	Heating COP *	Noise Level **
8.0kW	4.71	33dB(A)

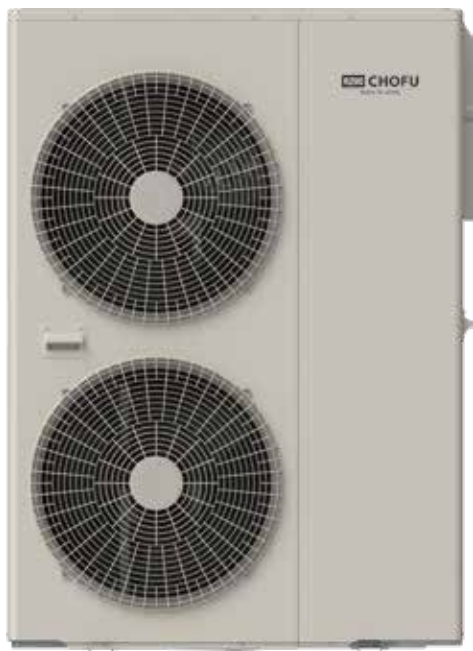
* A7W35
** 5m Night mode(A7W35)

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

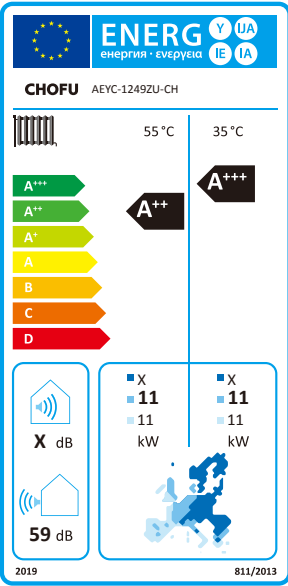
● Outdoor installation type

Heating Capacity * 12.0kW	Heating COP * 4.90	Noise Level ** 34dB(A)
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* A7W35

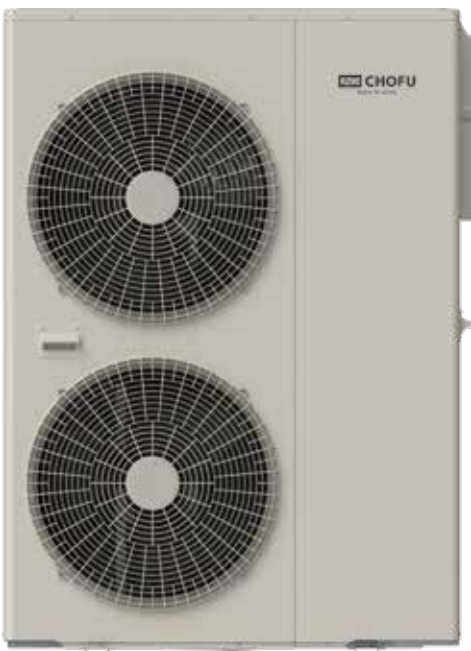
** 5m Night mode(A7W35)

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

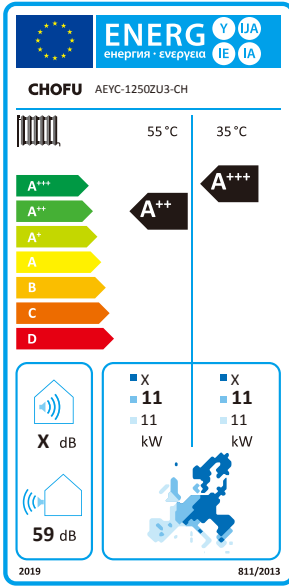
● Outdoor installation type

Heating Capacity * 12.0kW	Heating COP * 4.67	Noise Level ** 34dB(A)
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* A7W35

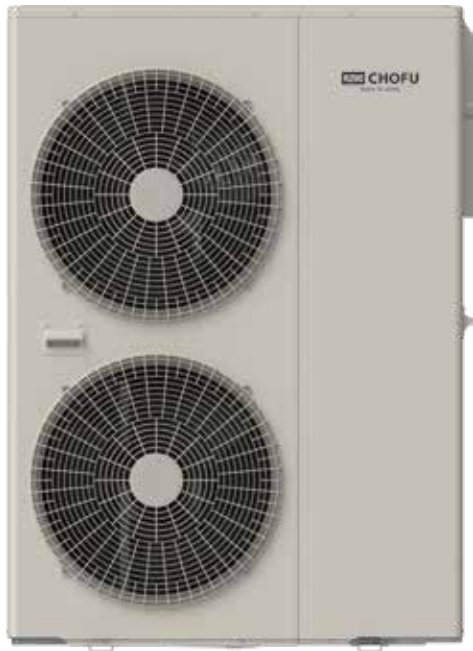
** 5m Night mode(A7W35)

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



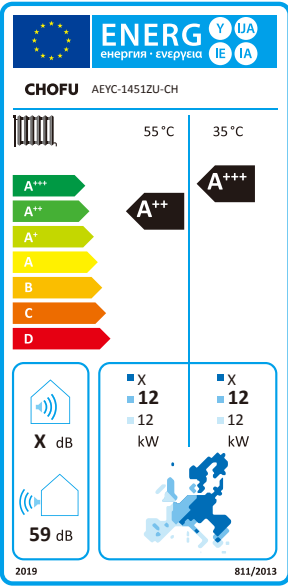
AEYC-1451ZU-CH

● Outdoor installation type

Heating Capacity * 14.0kW	Heating COP * 4.64	Noise Level ** 35dB(A)
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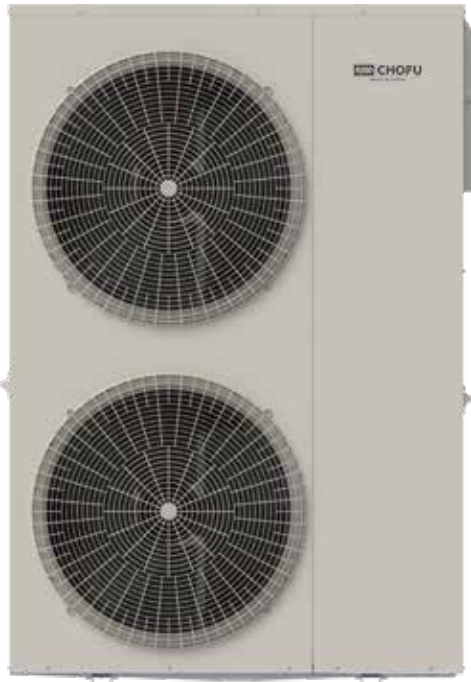
* A7W35
** 5m Night mode(A7W35)

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



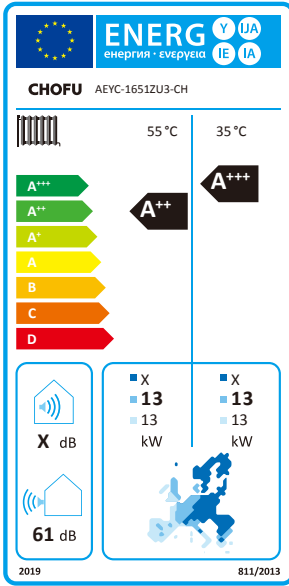
AEYC-1651ZU3-CH

● Outdoor installation type

Heating Capacity * 16.0kW	Heating COP * 4.48	Noise Level ** 40dB(A)
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* 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