



Chofu
Comfort
Style



Monobloc Inverter Heat Pump

Air to Water Heat Pump

Energy Efficiency Class A+++

Domestic Hot Water

Heating and Cooling

Three Year Warranty



Chofu is Made in Japan

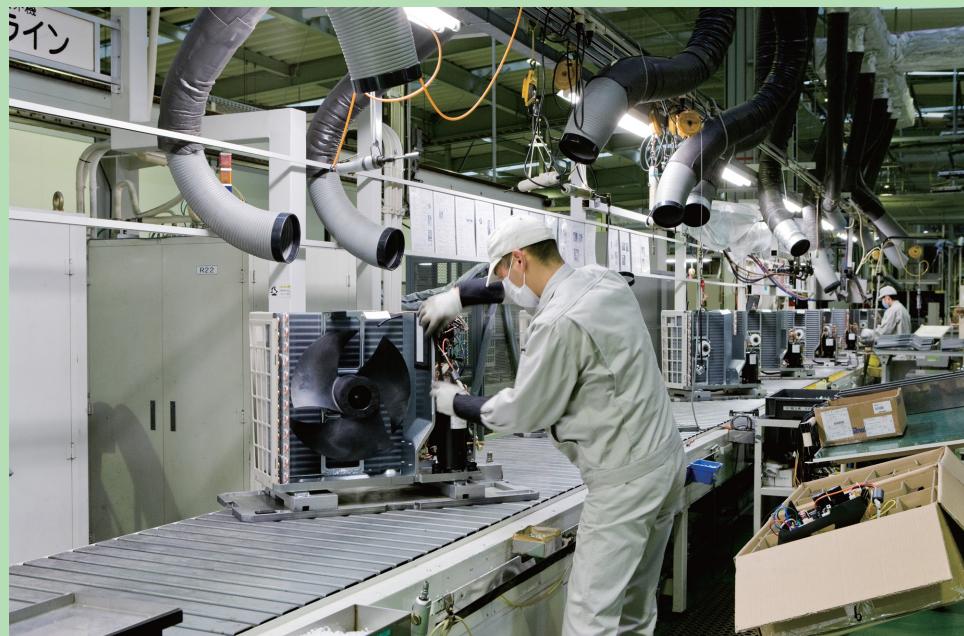
Founded in 1954 Chofu stands for comfort, durability and energy efficiency. Superb technology coupled with state-of-the-art production equipment has ensured a excellent quality product. You will be more than satisfied with quality with precision and craftsmanship you can only expect from Chofu.

Chofu manufactures all heat pump models in Japan. Almost every single part in Chofu heat pumps is Made in Japan. According to JRAIA, the Japan Refrigeration and AC Industry Association Chofu is part of the market leaders in heating technology on the Japanese Market.

For the environment and EHPA certified

Chofu made the commitment to equip all monobloc-models with the new R32 refrigerant. Compared to the refrigerant R410A, R32 reduces the greenhouse effect 66% which makes the new heat pump generation even more eco-friendly than before. With the new refrigerant also come up to 20% higher efficiency which results in the ErP class A+++.

All current models are certified with the European Quality Label (EHPA) by the Austrian Heat Pump Association which confirms the quality level that Chofu committed to.



6kW Chofu

- > R32 refrigerant
- > Outgoing temperature up to 60°C
- > integrated waterpump
- > 230V power supply
- > 3 year heat pump warranty
- > 5 year compressor warranty
- > Remote controller with thermostat function included
- > EHPA certified

A+++* at 35°C
A++* at 55°C



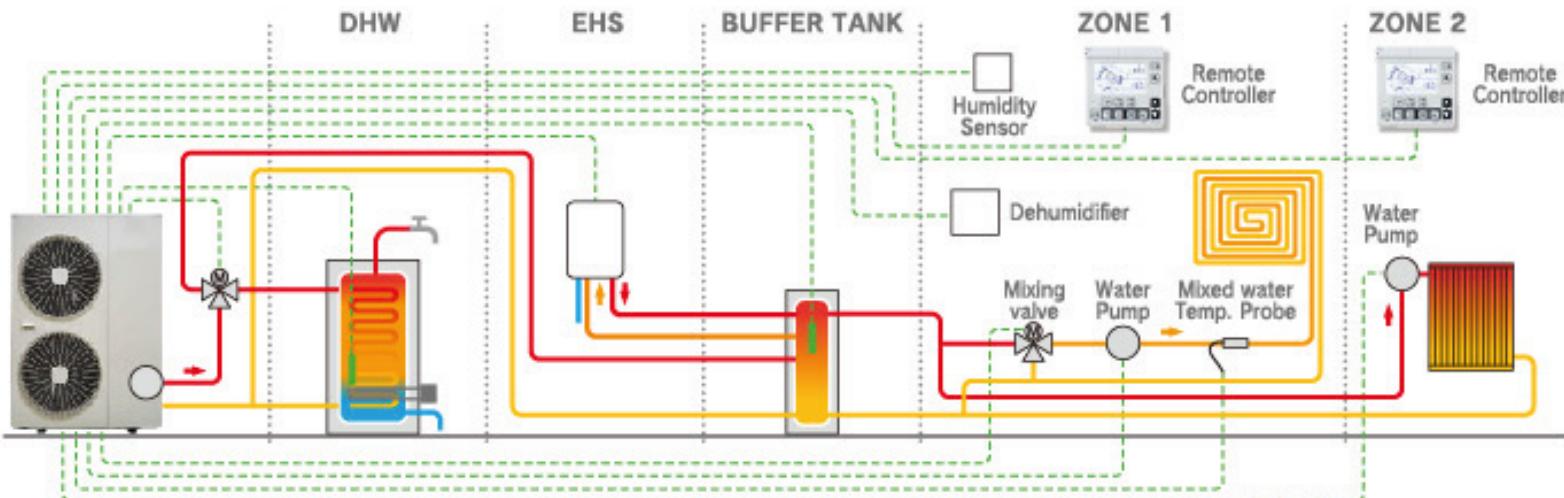
AEYC-0643XU

Low temperature 35°C	SCOP	4,7
	Energy efficiency class*	A+++
	Seasonal space heating energy efficiency class	185%
High temperature 55°C	SCOP	3,2
	Energy efficiency class*	A++
	Seasonal space heating energy efficiency class	125%
Heating (A7W35)	Capacity	6,0kW
	Power Factor	96,3%
	COP	4,20
Cooling (A35W18)	Capacity	5,0kW
	Power Factor	95,7%
	EER	3,91
Noise level	Heating	49 db(A)
Operating range	Heating	-20 to 43°C
	Cooling	8 to 43°C
Outgoing temperature	Heating	up to 60°C
	Cooling	up to 6,5°C

Simple and Compact Installation

A big advantage for the Chofu Monoblock heat pump is the simplicity in installation. The Outgoing hydraulics is filled with water or anti-freeze, there is no need to work with any refrigerant. Also integrating the Chofu unit into a existing system should be done easily due to it's compact assembly and integrated waterpump. In most cases there is no need for buffertanks, the unit can run directly into the heating system.

*ErP Energy Efficiency Label 2019



10kW Chofu

- > R32 refrigerant
- > Outgoing temperature up to 60°C
- > integrated waterpump
- > 230V power supply
- > 3 year heat pump warranty
- > 5 year compressor warranty
- > Remote controller with thermostat function included
- > EHPA certified

A+++* at 35°C
A++* at 55°C



AEYC-1043XU

Low temperature 35°C	SCOP	4,8
	Energy efficiency class*	A+++
	Seasonal space heating energy efficiency class	190%
High temperature 55°C	SCOP	3,2
	Energy efficiency class*	A++
	Seasonal space heating energy efficiency class	125%
Heating (A7W35)	Capacity	10kW
	Power Factor	99,0%
	COP	4,39
Cooling (A35W18)	Capacity	8,0kW
	Power Factor	98,7%
	EER	3,51
Noise level	Heating	53 db(A)
Operating range	Heating	-20 to 43°C
	Cooling	8 to 43°C
Outgoing temperature	Heating	up to 60°C
	Cooling	up to 6,5°C



*ErP Energy Efficiency Label 2019



The heat pump has the function to be set up for heating and cooling depending on the outgoing temperature or the buffer temperature. In addition to the two main functions there is also the Climatic Curve which allows the heat pump to operate depending on the outdoor temperature and the requirement in the house, which maximizes the energy efficiency of the heat pump.

12kW Chofu

- > R32 refrigerant
- > Outgoing temperature up to 60°C
- > integrated waterpump
- > 230V power supply
- > 3 year heat pump warranty
- > 5 year compressor warranty
- > Remote controller with thermostat function included
- > EHPA certified

A+++* at 35°C
A++* at 55°C



AEYC-1242XU-CH

Low temperature 35°C	SCOP	4,7
	Energy efficiency class*	A+++
	Seasonal space heating energy efficiency class	184%
High temperature 55°C	SCOP	3,2
	Energy efficiency class*	A++
	Seasonal space heating energy efficiency class	127%
Heating (A7W35)	Capacity	12kW
	Power Factor	99,0%
	COP	4,30
Cooling (A35W18)	Capacity	12kW
	Power Factor	99%
	EER	3,80
Noise level	Heating	51 db(A)
Operating range	Heating	-20 to 43°C
	Cooling	8 to 43°C
Outgoing temperature	Heating	up to 60°C
	Cooling	up to 6,5°C

Efficient heating and cooling

The new generation operates even more efficient.

With the Energy Efficiency Class A+++ Chofu puts itself on the top position on the heat pump market.

The new SCOP value of 4.7 means a up to 20% lower energy consumption.

*ErP Energy Efficiency Label 2019

Capacity on demand

Through the DC Inverter the heat pump regulates its capacity depending on the current requirement. The capacity of the heat pump can be reduced down to 30% of its maximal capacity.

16kW Chofu

- > R32 refrigerant
- > Outgoing temperature up to 60°C
- > integrated waterpump
- > 230V or 400V power supply
- > 3 year heat pump warranty
- > 5 year compressor warranty
- > Remote controller with thermostat function included
- > EHPA certified

A+++* at 35°C
A++* at 55°C



AEYC-1643XU-CH

Model		AEYC-1643XU-CH	AEYC-1642XU3
Power Supply		230V/50Hz	400V/ 50Hz
Low temperature 35°C	SCOP	4,5	4,1
	Energy efficiency class*	A+++*	A++
	Seasonal space heating energy efficiency class	176%	162%
High temperature 55°C	SCOP	3,2	
	Energy efficiency class*	A++	
	Seasonal space heating energy efficiency class	126%	127%
Heating (A7W35)	Capacity	16kW	
	Power Factor	99%	
	COP	4,30	4,10
Cooling (A35W18)	Capacity	16kW	
	Power Factor	99%	
	EER	3,90	
Noise level	Heating	51dB(A)	
Operating range	Heating	-20 bis 43°C	
	Cooling	8 bis 43°C	
Outgoing temperature	Heating	bis 60°C	
	Cooling	bis 6,5°C	

*ErP Energy Efficiency Label 2019

For the domestic hot water, Chofu offers three different standard modes that can be changed to your own requirement:

- >50°C DHW temparture in comfortmode
- >40°C DHW temperature in economymode
- >60°C DHW temperature in forcemode

Antilegionella: To prevent the growth of legionella Chofu offers the Antilegionellamode which heats up the DHW tank once a week to over 60°C.



Chofu Remote

- > One Remote Controller for all functions
- > Simple operation
- > Thermostat function
- > Silentmode reduces down to 50%
- > Compact design
- > Timer
- > Included with the heat pump



included with the heat pump

With the compact remote controller you have all heat pump functions in your living room:

The switch between comfort and economy mode for domestic hot water or the switch between heating and cooling is done by the push of a button.

The remote controller comes with a integrated roomthermostat if you choose to make the operation of the heat pump for heating or cooling dependent to the room temperature.

For a second heating zone with a different temperature setting (Ex. floorheating in the first floor, radiators in the second floor), there is the possibility to add a second remote controller, which controls the second heating zone.

For night times the rotation of the fan can be reduced down to 50% percent of its maximum capacity by the heat pump's Silentmode.



Silentmode



Antifreeze



Cooling



Heating



DHW

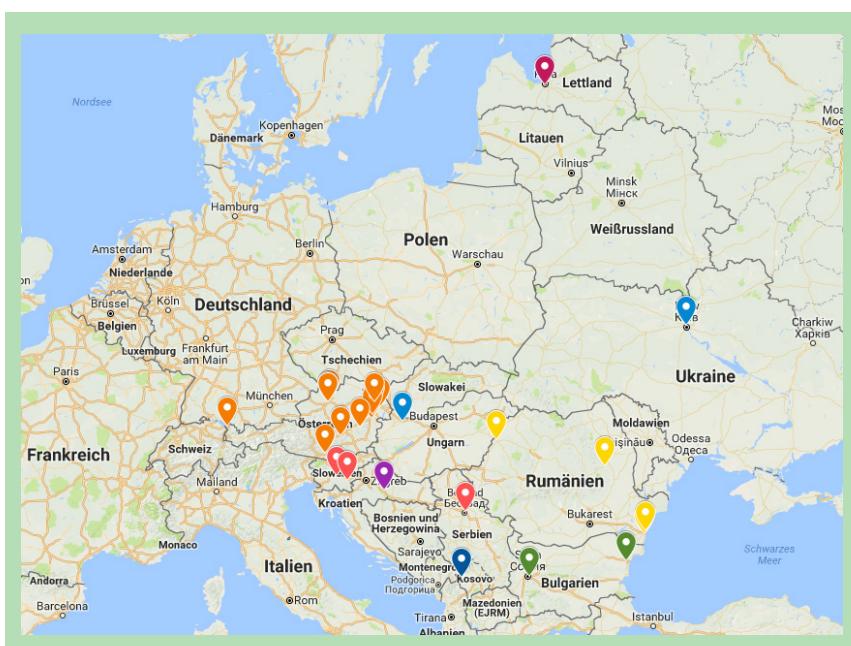


Low Tarrif



Timer

Our Distributionnetwork



We invite you to become our distribution partner for Chofu heatpumps.

Currently we distribute as an exclusive distributor to more than 10 countries in Europe.

Since we import directly from Japan to Europe we are able to offer best conditions. Also in regard to service and maintenance we look forward to support you in the best way possible.

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