


16kW Chofu

- > integrated waterpump
- > 3 year heat pump warranty
- > 5 year compressor warranty
- > EHPA certified
- > Outgoing temperature up to 60°C
- > 400V model available soon
- > Remote controller included with delivery



Model		AEYC-1639U-CH	AEYC-1642XU3-CH
Power Supply		230V / 50Hz	400V / 50Hz
Refrigerant		R410A	R32
SCOP	Low Temperature	4,2	
	High Temperature	3,2	
Heating (A7W35)	Capacity	16kW	
	Power Factor	99,7%	
	COP	4,10	
	Water Circulation	45,9l/min	
Cooling (A35W18)	Capacity	16kW	
	Power Factor	100%	
	EER	3,90	
	Water Circulation	22,9l/min	
Noise Level		50 db(A)	
Operating Range	Heating	-20 up to 43°C	
	Kühlen	15 up to 43°C	8 up to 43°C

Efficient heating and cooling with one unit
 Chofu heat pumps are A+/A++ which makes them one of the most efficient Monoblock Units on the market. With a SCOP of up to 4,4 and EER of 3,91 Chofu heat pumps mark a strong statement for Energy Efficiency.

 For Domestic Hot Water Heating, Chofu offers three different operating modes that can be changed via the remote controller:
 >50°C DHW tank temperature in comfortmode
 >40°C DHW tank temperature in economymode
 >60°C DHW tank temperature in forcemode
 For moderate Domestic Hot Water consumption, Chofu has also a Anti-Legionella function which boosts the temperature at 60°C. After reaching 60°C there isn't any risk of Legionella in the DHW tank.

Remote Controller

With the remote controller you take all Chofu functions right into your living room: The right temperature setting, the switch between Comfort- and Economymode for DHW or choosing between cooling and heating can be done by the push of a button. Furthermore has the remote controller a thermostat function which allows to operate the heat pump based on the current room temperature.

For managing a second heating zone with a different temperature setting, it is possible to add a second Remote Controller to the system. (For example Heating Zone1 on the first floor= 19°C; Heating Zone2 in second floor= 21°C)



included with delivery

Chofu Heat Pumps Distributed By:



Made in Japan
est. 1954



Chofu
Comfort
Style



Monoblock Inverter Heat Pump

- Air to Water Heat Pump
- Domestic Hot Water
- Heating in Wintertime
- Cooling in Summertime
- Efficiency Class A++



Chofu is Made in Japan

As one of the market leaders on the Japanese market Chofu manufactures all heat pump models in Japan. Superb technology coupled with state-of-the-art production equipment has ensured excellent quality. You will be more than satisfied with quality with precision and craftsmanship you can expect only from Chofu.

For the Environment and EHPA certified

Chofu committed in 2018 to switch all Monoblock- models step-by-step to the refrigerant R32. Compared to Refrigerant R410A, R32 reduces the Greenhouse effect by 66%. All current Chofu heat pump 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

- > R410A Refrigerant (2019: R32)
- > Outgoing temperature up to 60°C
- > integrated waterpump
- > 230V power supply
- > 3 year heat pump warranty
- > 5 year compressor warranty
- > Remote controller included with delivery
- > EHPA certified

A++ at 35°C
A+ at 55°C



10kW Chofu

- > R410A Refrigerant (R32 ab 2019)
- > Outgoing temperature up to 60°C
- > integrated waterpump
- > 230V power supply
- > 3 year heat pump warranty
- > 5 year compressor warranty
- > Remote controller included with delivery
- > EHPA certified

A++ at 35°C
A+ at 55°C



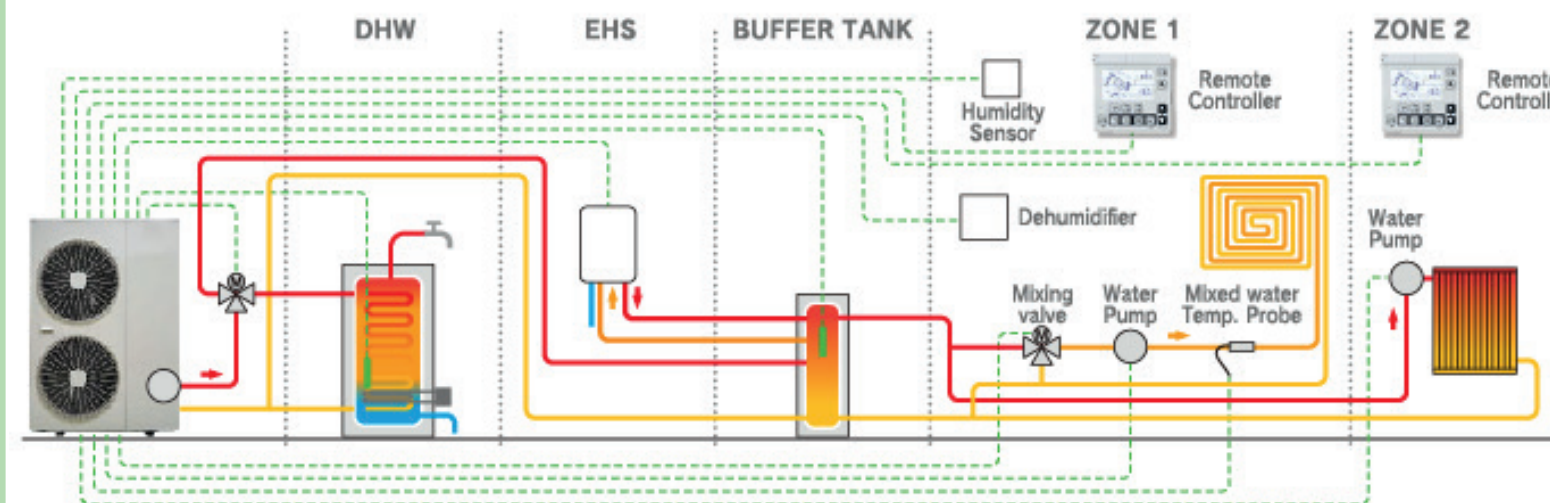
SCOP	Low Temperature	4,4
	High Temperature	3,0
Heating (A7W35)	Capacity	6,0kW
	Power Factor	99,0%
	COP	4,11
	Water Circulation	17,2l/min
Cooling (A35W18)	Capacity	5,0kW
	Power Factor	99,4%
	EER	3,91
	Water Circulation	14,3l/min
Noise Level		48 db(A)
Operating Range	Heating	-20 to 43°C
	Cooling	18 to 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 installment. The Outgoing hydraulics is filled with water or antifreeze, 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 buffer-tanks, the unit can run directly into the heating system.

SCOP	Low Temperature	4,4
	High Temperature	3,0
Heating (A7W35)	Capacity	10kW
	Power Factor	98,0%
	COP	4,35
	Water Circulation	28,7l/min
Cooling (A35W18)	Capacity	8,0kW
	Power Factor	99,9%
	EER	3,45
	Water Circulation	22,9l/min
Noise Level		51 db(A)
Operating Range	Heating	-20 bis 43°C
	Cooling	18 bis 43°C
Outgoing Temperature	Heating	up to 60°C
	Cooling	up to 6,5°C



DC Inverter Technology

The DC Inverter Control responds promptly and provides most appropriate capacity load according to the heating or cooling demands. With the DC Inverter the heat pump is able to reduce its capacity down to 30% which results in a very efficient operation mode.



The temperature control for heating and cooling can be managed by setting up a fixed outgoing or a buffertank temperature. In addition to the traditional way of temperature control there is also the option to set up a Climatic Curve for heating and cooling mode. With this method the outgoing temperature is calculated by the current demand.

