

# Cooling pump CH-1500ASO~7500ASO

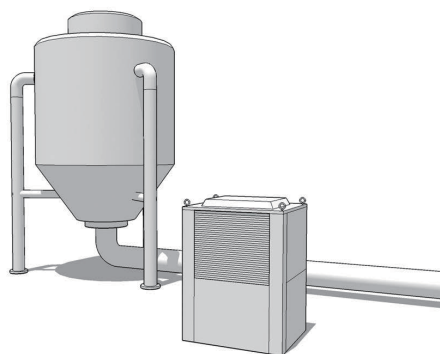
*The air-cooled integrated type for outdoor, more than compressor output 7.5 kW is available as an option. Ideal for the case it cannot placed indoor.*

## Features

- The all-weather unit for outdoor.
- Customizable to upon request.
- Can be operated by the remote control panel indoor.

## Main Applications

- Temperature control for installed outdoors raw material tank, etc.



Ideal for the case it cannot placed indoor, can be used for temperature control for installed outdoors equipment.



CH-7500ASO

### Can be customized upon request.

This model can be most widely customized among Large CH series. Customized based on the following specifications upon request such as Temperature range, Temperature control accuracy, Pump capacity, etc., also more than compressor output 7.5 kW is available as an option. Please feel free to ask us.

Model	CH-1500ASO	CH-2200ASO	CH-3750ASO	CH-5500ASO	CH-7500ASO
Temperature range	+5°C to +25°C				
Control accuracy (*1)	±2.0 to 3.0°C, Compressor On-Off control				
Cooling capacity [kW] (50/60kHz) (*2)	Circulation temp:+10	3.7/4.1	5.2/6.4	9.7/10.3	14.9/15.3
	Circulation temp:+20	4.0/4.7	5.8/7.3	11.2/12.6	17.5/18.5
Compressor output, Refrigerant		1.5kW, R407C	2.2kW, R407C	3.75kW, R407C	5.5kW, R407C
Pumping capacity (50/60kHz) (*3)	Max.discharge pressure [MPa]	0.22		0.25	
	Flow rate [L/min]	60		180	
	Motor output [kW]	0.4		0.75	
Safety device/function	Short/Over current breaker, Overload protector, High and Low temperature, Refrigerant high and low pressure, Overheat protector for Compressor, Low water cut off, Phase-reversal relay, Overheat protector for Compressor (CH-1500ASO/2200ASO), Warning indicator lamp				
Water bath capacity (at 80% water level)	40L	61L	66L	91L	103L
Connecting pipe diameter (Circulating fluid in/out)	Rp1		Rp1¼		Rp1½
Dimensions	530×900×1310Hmm	530×1090×1310Hmm	880×1260×1310Hmm	1046×1150×1905Hmm	1200×1410×1852Hmm
Weight	215kg	240kg	290kg	495kg	590kg
Power Supply (three phase AC200V, 50/60Hz)	30A		50A	75A	
Operation current (50/60Hz)	8/9A	10/12A	20/22A	26/29A	37/42A
Standard Accessory	Remote control panel				

(\*1)Performance may not be maintained due to environmental temperature, heat load, circulation pipe distance, etc.

(\*2)Capacity when the ambient temperature at below +30°C.

(\*3)Capacity when using tap water. Flow rate when the discharge pressure at 0.1MPa.

- The cooling capacity may not be maintained if the unit is placed with direct sunlight and hindrance of exhausting.
- Pure water is available as an option.
- Please ask us when mixing chemicals for water treatment to circulating fluid.
- The fee for Delivery, Installing, Piping work and Wiring work are quoted separately.