

Thermo-cooler

(A cooling device using circulating water)

Controls circulating water at a constant temperature

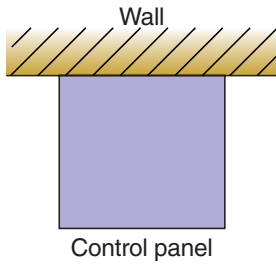
- Temperature stability **$\pm 0.5^{\circ}\text{C}$, $\pm 1.0^{\circ}\text{C}$**
(Selectable from 2 standards)
- Cooling capacity **1.1kW, 2.3kW, 4.8kW**
(At 60Hz)
- Set temperature **5~35 $^{\circ}\text{C}$**



**Useful for a wide variety of industries:
from General to Semiconductor.**

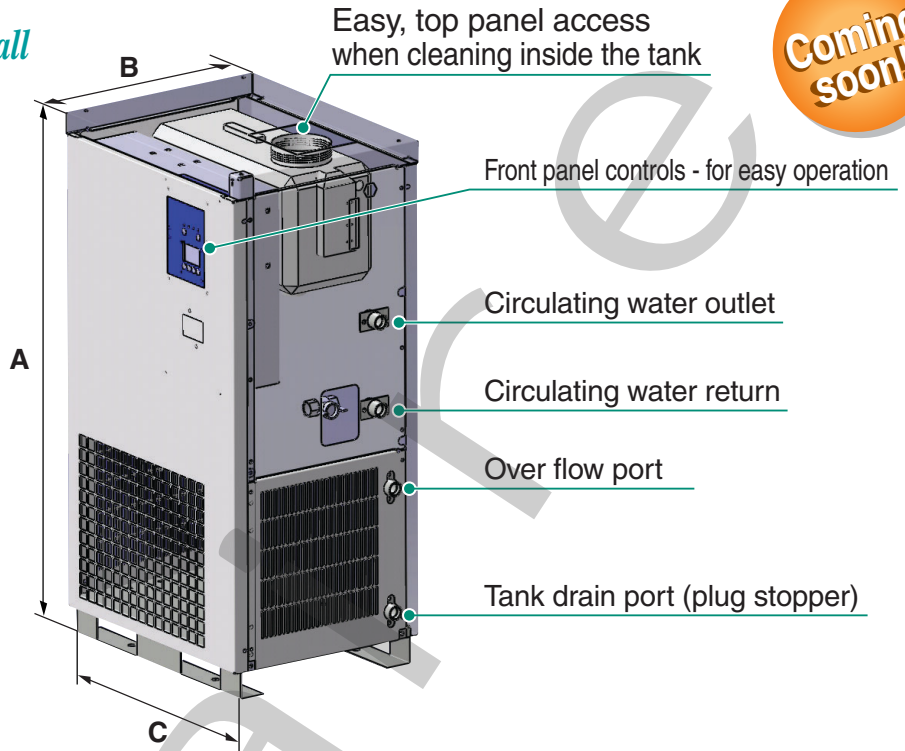
Coming soon!

Available for installation close to a wall



Available for installation close to a wall as there is no breather on the back. Enables to minimize the installation space.

Model	A	B	C	Weight
HRG001	950	500	400	65kg
HRG002				70kg
HRG005	1150	550	595	117kg



Refrigerant

Environmentally friendly HFC407 is used.

Optional

- Communication connector: RS485
- Caster
- Leak breaker

Accessories sold separately

Relief port

Prevents pressure rise at inlet/outlet of circulating water

Dustproof filter

Prevents cooling fin clogging of the air-cooled condenser

Flow meter on circulating water side.

Enables confirmation of the flow rate of circulating water

Filter on circulating water side

Catches and collects any solid foreign matter in the circulating water

*Retrofit units are also sold separately

Model	HRG001	HRG002	HRG005
Cooling method	Air-cooled, water-cooled		
Cooling capacity *1 (50/60Hz)	0.9/1.1kw	1.9/2.3kw	4.5/4.8kw
Operating temperature range	5 to 35°C		
Temperature stability *2	±0.5°C, ±1.0°C		
Pump capacity (50/60Hz)	29/37ℓ/min (pump head 10m)		33/42ℓ/min (pump head 10m)
Circulating water	Tap water		
Tank capacity	Approximately 10ℓ		Approximately 20ℓ
Port size	1/2	1/2	1/2
Power supply voltage (50/60Hz)	3 phase AC200/200-220V±10%		
Recommended breaker capacity	10A		20A

*1: At circulating water temperature 20°C, cooling water temperature 25°C, 30ℓ/min or less (water-cooled), and ambient temperature 32°C (air-cooled)

*2: Selectable from 2 standards of temperature stability (±0.5 or 1.0°C) when the load is stable.