



Peltier-Type Chiller

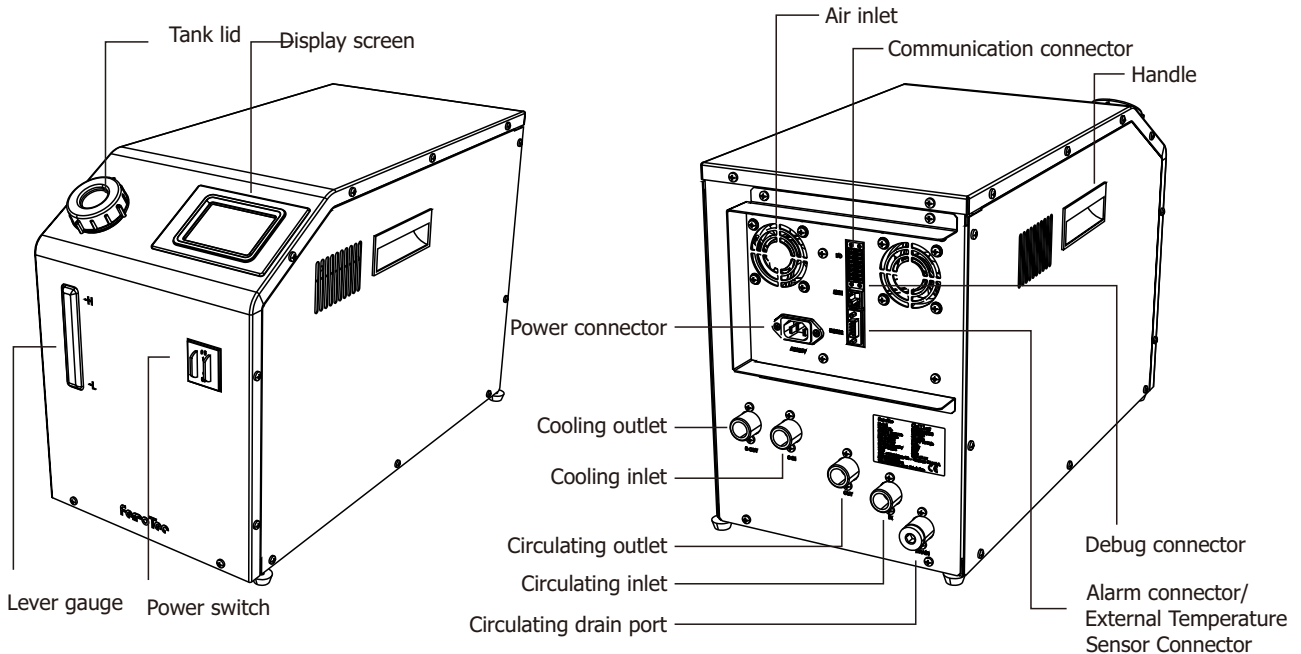
Model		FCTW90101	
Cooling method		Thermoelectric device (Thermo-module)	
Radiating method		Forced water cooling	
Control method		Cooling/Heating automatic shift PID control	
Ambient temperature/humidity		10~35°C, 35~80%RH	
Circulating Fluid System	Circulating fluid		DI Water
	Operating temperature range		10.0~60.0°C
	Cooling capacity		900W(25°C) ※ 1
	Heating capacity		1200W(25°C) ※ 1
	Temperature stability		±0.05°C ※ 2
	Pump		Magnetic drive pump 19L/min, 30m lift
	Tank capacity		Approx. 3.0L
	Port size	IN/OUT	G3/8
		Drain	G3/8(with plug)
Wetted parts material		Stainless steel 304, EPDM, PE,ABS	
Facility water system	Temperature range		10-35°C
	Pressure range		≤1MPa
	Required flow rate		7-15L/min
	Port size		S-IN/S-OUT G3/8
	Wetted parts material		Aluminum, stainless steel 304, EPDM, PE
Electrical System	Power supply		Single-phase 200 to 240 VAC ±10%, 50/60 Hz
	Overcurrent protector		13.5A
	Current consumption		5.5A(100V)~4.6A(240V)
	Communications		I/O,ETH,RS232,RS485
Weight		Approx 27kg	
Accessories		Power cable	
Safety standards			

※ 1 Ambient temperature 25°C, Facility water temperature 25°C, Circulating fluid Set temperature 25°C, Circulating fluid flow rate 7L/min

※ 2 Under stable load without turbulence

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Parts Description



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