

Recirculating Coolers – Model 4100 Liquid-to-Liquid Cooler

Key Specifications

Working Temperature Range:	Facility water +10° to 60°C
Maximum Process Temperature:	60°C
Temperature Stability:	±0.4°C
Cooling Capacity:	10,000 W based on 10°C ΔT^1
Reservoir Capacity:	1.1 gallons/4.2 liters
Overall Dimensions (L x W x H):	27.6 x 14.5 x 22.6" 70.2 x 36.8 x 57.5 cm



Features:

- Protects precision equipment from facility water contaminants
- Quiet, energy efficient liquid-to-liquid heat removal
- Displays temperature and pressure or flow rate information
- Built-in temperature and low flow alarms

Liquid-to-liquid cooling uses your facility's water, pumped through the 4100, to remove heat from your application without risk of contamination. Heat removal capacity is dependent on the facility water temperature.

Larger capacities are available. Contact PolyScience Customer Service Department for more information.



Extra large digital readouts provide at a glance access to temperature as well as process pressure or flow rate information.



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Temperature Range	Facility water +10° to 60°C
Cooling Capacity (W/BTU)	15,000/52,855 based on 15°C ΔT^1 10,000/34,100 based on 10°C ΔT^1 4,500/5,345 based on 5°C ΔT^1
Power Requirements (VAC/Hz)	200-240/ 50/60 (plug for 230V)
Standard Pump	Turbine Pump
Maximum Pressure psi (bar)	100 (6.9)
Maximum Flow gpm (l/min)	3.5 (13.2)
Part Number 200-240 VAC/50/60 Hz	4150T21A330D

1. ΔT = Process water temperature – facility water air temperature

Electrical plug for the part number listed is standard U.S. type. See page 128 for additional plug types and part numbers.

Specifications listed are for 60 Hz models. For specifications on 50 Hz models see Technical Specification pages 150 and 151.