



Standard Temperature Control System – RPCE100A-D-DT

The RPCE100A-D-DT offers cooling capacities of 10 kW (36,000 BTUH), over a temperature range of +5°C to +40°C, and flow rates of up to 4 gallons per minute.

The standard features include:

- Unit is charged with HFC refrigerants with an Ozone Depletion Potential (ODP) of 0.00
- Self-contained air-cooled refrigeration system engineered for round-the-clock operation
- Internally mounted filter housing
- Solid state temperature controller accurate to $\pm 0.5^{\circ}\text{C}$ with a digital readout to display set point / actual temperature
- Corrosion-resistant aluminum enclosure with removable panels and casters

Front panel controls ensure ease of use and include:

- *Standard temperature gauge, supply pressure gauge, coolant flow meter, power switch*

Panel indicator lights monitor:

- *Pumping and cooling modes, temperature, pressure flow*



Options available for this model are: (AA2), (AA4) and (AA6) Alarm Options, (RSCA) Serial Interface, (RSAA) Serial Interface, (RS232) Service Interface, (RAA) Remote Control, (RE) Remote Control, (RTS) Remote Temperature Sensor, (MPIO) Multi-channel I/O, (W) Water Cooled Condenser, (DI) DI System, (CD) Cont. Deionization, (RM) Resistivity Monitor, (MW) Automatic Fill System, (UV) Ultra Violet Unit, (SF) Special Fluids, (LT) Low Temperature, (ULT) Ultra Low Temp, (HE) Heater, (WTR) Wide Temp. Range, (EMO) Safety Interlock, (CE) Safety Interlock, (ENV) Water Resist Enc, (DMD) Magdrive Pump, (10GMD) Magdrive Pump, (20GMD) Magdrive Pump, (20GHP) Bronze Pump.

These are fully integrated into the system thus ensuring maximum efficiency and quality

Flowrite© Model	RPCE100A-D-DT
Coolant Temperature Range	+5°C to +40°C
Stability of Temperature	$\pm 0.5^{\circ}\text{C}$
Cooling Capacity in kW / hr (BTUH)	10.0 (36000)
Channels	One
Flow Rate	0 - 4 GPM
Pressure	20 - 100 PSI
Cooling Media	Water / Propylene Glycol
Reservoir Volume	17 Gallons
Dimensions O.D. (WxDxH)	26" x 28" x 59"
Power	208/230 VAC 60/50 Hz 1 Ph or 208/230 VAC 60/50 Hz 3 Ph

To submit a Request For Quotation (RFQ) online, please visit our website at www.flowrite.com.

For parts orders please call the factory direct (1-800-989-7008) or go to the **Parts & Supplies** page on our website.