



Low Temperature Control System – RPC700A-D

The RPC700A-D has cooling capacities of 30 kW at +20°C, 17kW at -20°C (LT option), and 10 kW at -40°C (with ULT option).

The standard features include:

- Unit is charged with HFC refrigerants with an Ozone Depletion Potential (ODP) of 0.00
- Stainless Steel Recirculating pump
- Polypropylene plastic reservoir (LT option)
- Stainless Steel reservoir (ULT option)
- Solid state temperature controller accurate to $\pm 1^{\circ}\text{C}$ with a digital readout to display setpoint / actual temperature
- Corrosion-resistant steel frame 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) and (RSAA) Serial Interfaces, (RS232) Service Interface, (RAA) Remote Control, (RE) Remote Control, (RTS) Remote Temperature Sensor, (MPIO) Multi-channel I/O, (RC) Split Package, (W) Water Cooled Condenser, (XRC) High Cap. Condenser, (DI) DI System, (CD) Cont. Deionization, (RM) Resistivity Monitor, (MW) Automatic Fill System, (UV) Ultra Violet Unit, (SF) Special Fluids, (LT) Low Temperature, (EMO) Safety Interlock, (CE) Safety Interlock, (ENV) Water Resist Enc, (DMD), (10GMD), and (20GMD) Magdrive Pumps, (20GHP), (40GHP) and (60GHP) Bronze Pumps.

Flowrite© Model	RPC700A-D
LT Temperature Range	-20°C to +40°C
(Option) ULT Temperature Range	-40°C to +20°C
Stability of Temperature	$\pm 1^{\circ}\text{C}$
Cooling Capacity in kW / hr (BTUH)	
@ +20°C	30 (100000)
@ -20°C (LT option)	17 (58000)
@ -40°C (ULT option)	10 (36000)
Channels	One or Multiple
Flow Rate	Available Upon Request
Pressure	Available Upon Request
Cooling Media	Water / Propylene Glycol
Reservoir Volume	50 Gallons
Dimensions O.D. (WxDxH)	45" x 125" x 98" (Air) 45" x 72" x 64" (Water)
Power	208/230 VAC 60/50 Hz 3 Ph or 460/480 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.