



## Wide Temperature Control System – RPCE175-WTR

The RPC175-WTR is a heavy duty refrigeration unit over temperatures ranging from -20°C to +100°C and flow rates of up to 10 gallons per minute.

The standard features include:

- Self-contained water-cooled refrigeration system
- Unit is charged with HFC refrigerants with an Ozone Depletion Potential (ODP) of 0.00
- Stainless Steel Magdrive recirculating pump handles up to 80 PSI
- Solid state temperature controller accurate to  $\pm 0.5^{\circ}\text{C}$  with a digital readout to display setpoint / actual temperature
- Internally mounted filter housing
- 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) Resistively Monitor, (MW) Automatic Fill System, (UV) Ultra Violet Unit, (SF) Special Fluids, (WTR) Wide Temperature Range, (EMO) Safety Interlock, (CE) Safety Interlock, (ENV) Water Resist Enc, (DMD), (10GMD), and (20GMD) Magdrive Pumps, (20GHP), and (40GHP) Bronze Pumps.

Flowrite© Model	RPC175-WTR
Heating Capacity in kW / hr	6 - 20
Temperature Range Options	-20°C to +80°C or -30°C to +100°C
Temperature Stability	$\pm 0.5^{\circ}\text{C}$
Cooling Capacity in kW / hr	
@ +60°C	18.4
@ +20°C	17.5
@ -20°C	4
Channels	Single or Dual
Flow Rate	10 GPM
Pressure	0 - 80 PSI
Cooling Media	Water / Propylene Glycol
Reservoir Volume	30 Gallons
Dimensions O.D. (WxDxH)	35" x 54" x 60"
Power	208/230 VAC 60/50 Hz 1 Ph or 208/230 VAC 60/50 Hz 3 Ph or 440/480 VAC 60/50 Hz 3 Ph

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