



## Wide Temperature Control System – RPCE52-WTR

The RPCE52-WTR is a heavy duty refrigeration unit over temperatures from -20°C to +100°C and flow rates of up to 4 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  $\pm 0.25^{\circ}\text{C}$  with a digital readout to display setpoint / actual temperature
- Internally mounted filter housing
- Corrosion-resistant aluminum enclosure with removable panels

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, (W) Water Cooled Condenser, (DI) DI System, (CD) Cont. Deionization, (RM) Resistivity 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) Magdrive Pump.

Flowrite© Model	RPCE52-WTR
Heating Capacity in kW / hr	3 - 6
Temperature Range Options	-20°C to +80°C or -30°C to +100°C
Temperature Stability	$\pm 0.25^{\circ}\text{C}$
Cooling Capacity in kW / hr	
@ +60°C	5.5
@ +20°C	5.2
@ -20°C	1
Channels	Single or Dual
Flow Rate	4 GPM
Pressure	0 - 80 PSI
Cooling Media	Water / Propylene Glycol
Reservoir Volume	11 Gallons
Dimensions O.D. (WxDxH)	20" x 28" x 45"
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.