



## High Capacity Control System – RPC520A

The RPC-520A offers cooling capacities of 52 kW (180,000 BTUH), over a temperature range of +5°C to +40°C, and flow rates of up to 20 gallons per minute.

The standard features include:

- Unit is charged with Non-CFC refrigerants
- Automatic Alarm monitoring high temperatures, low reservoir level, flow rate, and compressor
- Internally mounted filter housing
- Water, electrical and other interface connections located on back panel for easy access
- Solid state temperature controller accurate to  $\pm 1^{\circ}\text{C}$  with a digital readout to display set point / 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) Resistively 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), (10GMD), and (20GMD) Magdrive Pumps, (20GHP), (40GHP) Bronze Pump and (60GHP) Bronze Pumps.

| Flowrite© Model                         | RPC-520A  |
|---|---|
| Horsepower                              | 15  |
| Coolant Temperature Range               | +5°C to +40°C   |
| Stability of Temperature                | $\pm 1^{\circ}\text{C}$                                   |
| Cooling Capacity in kW / hr (1000 BTUH) | 52 (180)  |
| Channels                                | Single <b>or</b> Multiple                                 |
| Flow Rate                               | 20 GPM  |
| Pressure                                | 20 - 80 PSI   |
| Cooling Media                           | Water / Propylene Glycol                                  |
| Reservoir Volume                        | 60 Gallons  |
| Dimensions O.D. (WxDxH)                 | 45" x 124" x 96" (Air) <b>or</b> 45" x 124" x 66" (Water) |
| Power                                   | 208/230 VAC 60 Hz 3 Ph <b>or</b> 440/480 VAC 60 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.