



Heating System – RPHE300-1000

The Flowrite® Heating Systems RPHE300 through 1000 have heating capacities from 30 kW to 100 kW.

The standard features of each heating system include:

- EMO Safety interlock and shutdown system
- Solid state temperature controller with an accuracy of $\pm 1^{\circ}\text{C}$ 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 (0.5 - 5 GPM), and power switch*

Panel indicator lights monitor:

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

Our standard heating systems have a range up to $+95^{\circ}\text{C}$. Ultra High Temperature units (UHT) heat to $+250^{\circ}\text{C}$. And we can specially design systems for temperatures over $+250^{\circ}\text{C}$ (SF).



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, (RM) Resistively Monitor, (MW) Automatic Fill System, (UV) Ultra Violet Unit, (SF) Special Fluids, (HE) Heater, (UHT) Ultra High Temp, (EMO) Safety Interlock, (CE) Safety Interlock, (ENV) Water Resist Enc, (DMD), (10GMD), and (20GMD) Magdrive Pumps, (20GHP) Bronze Pump.

Flowrite® Model	RPHE300-1000
Heating Capacity	30 kW to 100 kW
Temperature Range: As Standard - (UHT) option - (SF) option -	Ambient to 90°C Ambient to 250°C Special Ranges (over 250°C)
Temperature Stability	$\pm 1^{\circ}\text{C}$
Channels	Single (other layouts on request)
Flow Rate	1 - 10 GPM
Pressure	0 - 50 PSI (other ranges on request)
Cooling Media	Ambient to 90°C : Water / Propylene Glycol Above 90°C : Heat Transfer Fluids such as Galden, Fluorinert, HFE, etc.
Reservoir Volume	As required by load
Dimensions O.D. (WxDxH)	35" x 52" x 46"
Power	208/230 VAC 60/50 Hz 1 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.

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