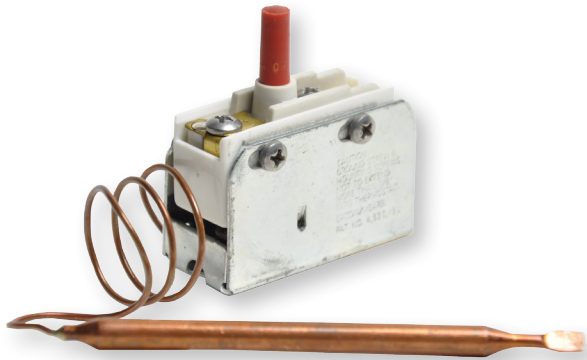


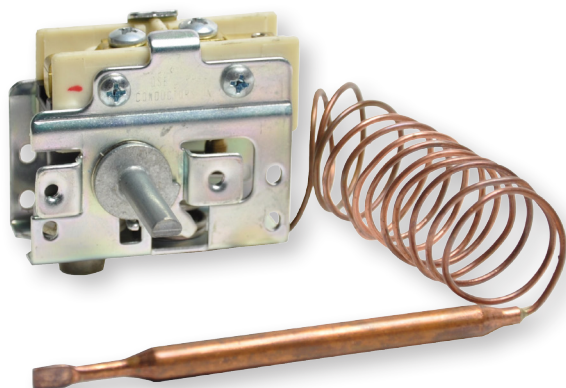


## C1-SERIES

## THERMOSTATS AND HIGH LIMIT CONTROLS



C1-22RX



C1-25

The Robertshaw® C1 Series Thermostats and High Limit Controls are standard hydraulic sensing thermostats and manual reset high limit controls for applications that require precise temperature. The C1 Series is designed for applications such as pool and spa heaters, coffee brewers, hot water boosters, bain marie's, pasta cookers, re-thermalizers, space heaters, and heated display units.

The C1 Series use a single pole or double pole, snap-acting switch for breaking heavy resistive or inductive loads. An optional gold flash contact switch is offered to handle millivolt or pilot duty applications.

The standard model offers popular bulb diameters, capillary lengths, and temperature ranges to fit most applications. These thermostats also are ambient compensated to maintain accurate temperature control over a wide range of environmental conditions.

The C1-RX model also features a manual reset M1 type switch that functions as an automatic reset device.



File LR10499F



File E 16835

### Specifications

Model	Thermostat shaft size	Shaft rotation	Termination	Max Ambient Temperature	Temperature Range	Electrical Ratings
Model 22	.25" diameter x .156", .187" or .199" flat. Multiple shaft lengths and configurations available up to 1.5"	270 angular degrees from low to maximum, clockwise or counterclockwise	.25" male copper quick connects per NEMA DC-2 specifications. Optional No. 12 AWG, 105°C wire leads or 8-32UNC threaded terminals available.	180°F (82°C)	Minimum 30°F Maximum 250°F (higher temperature ranges available)	22A @125/250V AC Resistive ¼ HP @125V AC, ½ HP @250V AC Pilot Duty: 125VA Pilot Duty
Model 22RX	Manual Reset	Manual Reset	25" male copper quick connects per NEMA DC-2 specifications. Optional No. 12 AWG, 105°C wire leads or 8-32UNC threaded terminals available.	180°F (82°C)	Minimum 30°F Maximum 250°F (higher temperature ranges available)	22A @125/250V AC Resistive 1 HP @125V AC, 2 HP @ 250V AC Pilot Duty: 125VA Pilot Duty
Model 25	.25" diameter x .156", .187" or .199" flat. Multiple shaft lengths and configurations available up to 1.5"	270 angular degrees from low to maximum, clockwise or counterclockwise	25" male copper quick connects per NEMA DC-2 specifications. Optional No. 12 AWG, 105°C wire leads or 8-32UNC threaded terminals available.	180°F (82°C)	Maximum 600°F	30A @125/250V AC Resistive 20A, 277/480V AC 50/60Hz ¾ HP, 125 V AC, 1 ½ HP, 250V AC Pilot Duty: 125 VA pilot duty - 24/120/480V, 360 VA pilot duty - 240V

### Product Drawings

