

# Controls

## WCRT

### Corrosion Resistant Wall Mounted Industrial Room Thermostat



- 25-Amps, 120 - 240 Vac  
22 - Amps, 277 Vac
- Positive Snap-Action Switch
- Heating or Cooling Control, SPDT Contacts
- NEMA 4X Weatherproof Enclosure
- 40 - 100°F Temperature Range
- 2.5°F Differential



#### Description

The WCRT Room Thermostat is designed to directly control an individual heater. Using an external contactor, it can control several heaters. The WCRT provides high level accuracy and sensitivity with 2.5°F differential. The control has a SPDT output and can be used for heating or cooling.

**WARNING: Hazard of Fire.** The WCRT thermostat is designed for temperature control service only. Because it is not fail-safe, it should not be used for temperature limiting duty.

#### Applications

- Can be used to control room temperature in harsh environments regardless of whether heating or cooling is required.
- Tolerates continuous spraying with water, high humidity, airborne contamination and moderately corrosive conditions.

#### Ratings for Other Electrical Applications

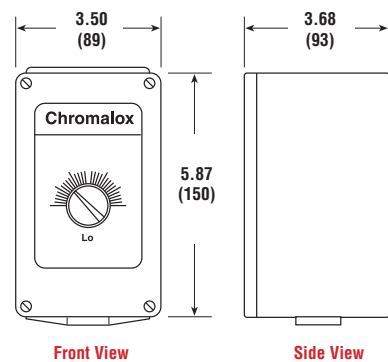
Type of Service	Maximum Rating (Amps AC)		
	120V	240V	277V
Locked Rotor	80	60	50
Inductive	16	12	10
Pilot Duty	125VA	125VA	125VA

Suitable for 24 Vac Operation @ 100mA Minimum

#### Features

- Shielded sensing bulb is nickel-plated and attached directly to bottom of enclosure where it is shielded from damage and accumulation of insulating particles.
- Sealed Noryl case with neoprene gasket to seal out dust and moisture. Knob opening is closed with lubricated "O" ring.
- Adjustable Knob setting is accurate to  $\pm 2.5^\circ\text{F}$  with large easily-read numerical dial.
- Positive OFF for heating is provided by setting unit to LO position. (At LO Position, heat circuit is open and cool circuit is closed at any temperature.)

#### Dimensions



All Dimensions in Inches (mm)

ELECTROMECHANICAL  
& THERMOSTATS

#### Specifications and Ordering Information

Model	Type	Temp. Range (°F)	Voltage/Current, Resistive			Voltage/Current, Inductive			Stock	PCN	Wt. (Lbs.)
			120V	240V	277V	120V	240V	277V			
WCRT-100	SPDT	40-100	22A	22A	18A	16A	12A	10A	S	223589	1

Stock Status: S = stock NS = non-stock

