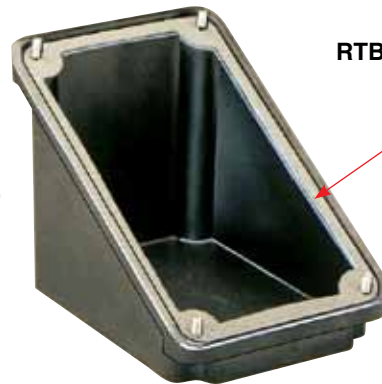


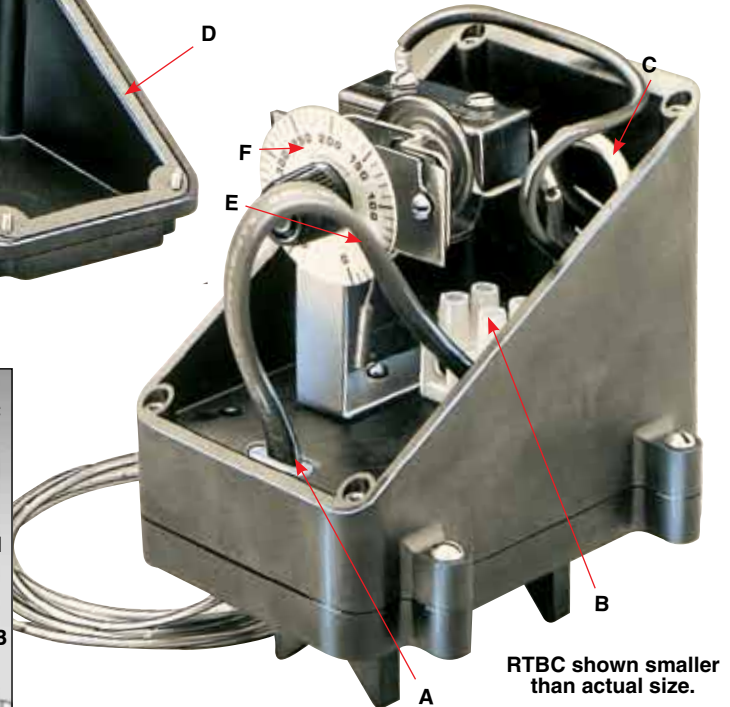
## PIPE-WALL SENSING BULB AND CAPILLARY THERMOSTATS FOR HEATING CABLES

### RTBC Series

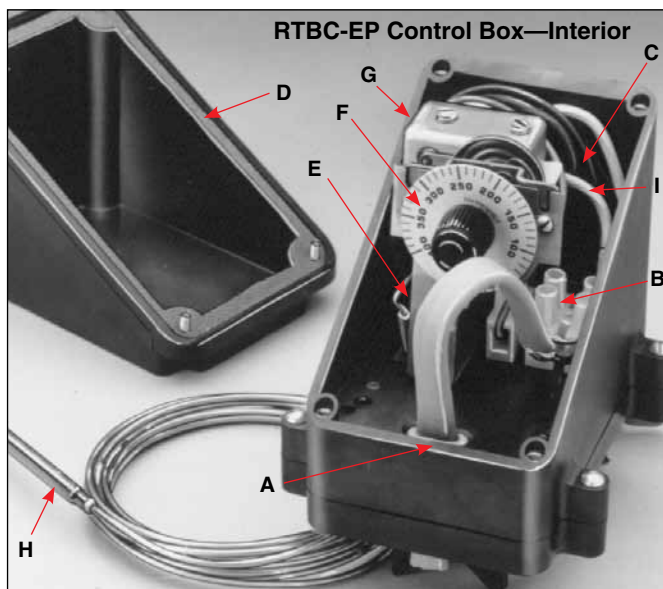
- ✓ Pipe Line or Tank Wall Sensing
- ✓ Complete with Integral Bulb and Capillary Thermostat
- ✓ Setpoint Range 18 to 204°C (0 to 400°F)
- ✓ For Process Temperature Maintenance
- ✓ Type RTBC-EP for Division II Hazardous Locations



RTBC Control Box—Interior View



RTBC shown smaller than actual size.



RTBC-EP Control Box—Interior

- A. Cable grommet provides watertight seal between base and box (one supplied)
- B. Three position terminal block for easy wiring
- C. Power wiring entry
- D. Gasket provides watertight seal between box and lid. It's affixed to the lid and captures the mounting hardware
- E. Thermostat mounting bracket
- F. Setpoint adjustment knob
- G. Thermostat switch (hermetically sealed in RTBC-EP)
- H. Stainless steel sensing bulb, ¼" OD, 7¼" L with 10' capillary
- I. Ground wire connection (RTBC-EP only)

### SPECIFICATIONS

**Temperature Setpoint Range:** -18 to 204°C (0 to 400°F)

**Ambient Temperature Range:** -40 to 71°C (-40 to 160°F)

**Minor Scale Divisions:** 5.6°C (10°F)

#### Switch Rating:

**Type RTBC:** 22 AMPS @ 120 to 480 Vac, SPDT

**Type RTBC-EP:** 11 AMPS @ 120 to 250 Vac, SPDT

**Maximum Sensor Exposure Temperature:** 230°C (450°F)

#### Dimensions:

**Length:** 13.3 cm (5.25")

**Width:** 10.8 cm (4.25")

**Height (When Mounted on Pipe):** 15.9 cm (6.25")

**Type RTBC for regular (non-hazardous) applications**

### To Order

Model No.	Description
RTBC	Bulb and capillary thermostat
RTBC-EP	Bulb and capillary thermostat for Division II Areas

**Ordering Example:** RTBC-EP, thermostat for heating cable, rated for Division II hazardous areas.