

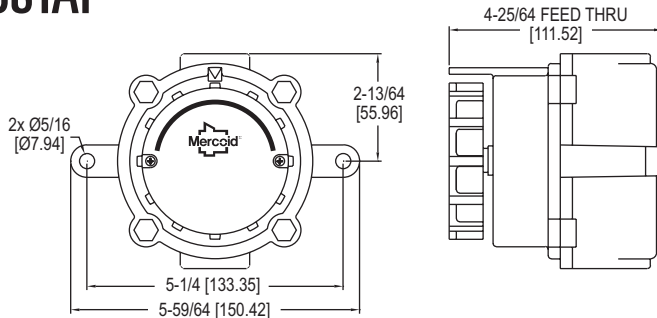


MODEL 862E | MERCROID® BY DWYER



# EXPLOSION-PROOF, HEAVY-DUTY THERMOSTAT

Line or Low Voltage, Heating or Cooling



Explosion-proof, heavy duty, the **MODEL 862E** Thermostat is designed for hazardous-location temperature control of heating, cooling, or ventilation systems and features an adjustable set point knob for easy and convenient setpoint adjustment.

## FEATURES/BENEFITS

- Explosion-proof construction
- Lightweight and durable

## APPLICATIONS

- Oil rigs or refineries
- Petrochemical plants
- Grain processing and storage facilities
- HVAC control

## MODEL CHART

Model	Description
862E	Explosion-proof, heavy-duty thermostat

## SPECIFICATIONS

**Service:** Compatible gases.

**Temperature Limit:** -49 to 176°F (-45 to 80°C).

**Enclosure Rating:** Explosion-proof NEMA 7 & 9, Class I, Divisions 1 & 2, Groups C & D; Class II, Division 1, Groups E, F & G; Class II, Division 2, Groups F & G; Class III; Class I, Zones 1 & 2, Groups IIA & IIB.

**Switch Type:** SPDT snap action switch.

**Electrical Rating:** 22 A @ 480 VAC (res.), 1/2 HP @ 125 VAC, 1 HP @ 250 VAC.

**Electrical Connection:** Screw terminal.

**Conduit Connection:** 3/4" female NPT.

**Set Point Adjustment:** External knob.

**Adjustable Range:** 36 to 82°F (2 to 28°C).

**Deadband:** 2.5°F (1.5°C).

**Weight:** 2.1 lb (0.95 kg).

**Agency Approvals:** CSA, UL.

USA: California Proposition 65

⚠ WARNING: Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

TEMPERATURE