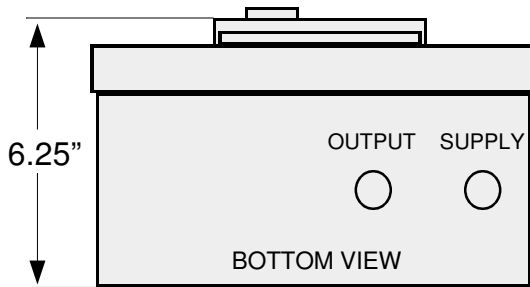
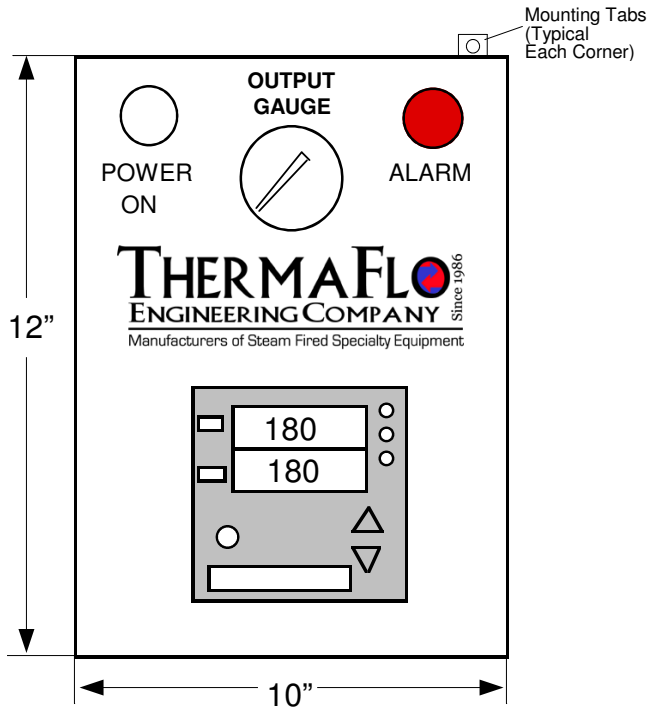


Specifications and Dimensions



MODELS

- EC-800IP** Pneumatic Output Version
 - EC-800E-1** 4-20 ma Output Non Pneumatic Version
 - EC-800E-2** 0-10v Output Version
 - EC-800-IP-R** Pneumatic Output/ Remote Set Point Version
 - EC-800-E-R** Electronic Output/ Remote Set Point Version
- Specify Outputs, Inputs, and Setpoints when ordering for complete factory setting.

SPECIFICATIONS

Front Panel Selectable Inputs: Thermcouple, RTD, DC Voltage, or DC Current, 4-20 ma ect.

Outputs: 3-15 psig, 0-60 psig, 4-20 ma. 0-10 volt, others outputs upon request.

Display: 1/4 DIN Setpoint and Process Actual

Accuracy: +or - 1.0% of span

Repeatability: + or - 0.5% of Span

Power Requirements: 110 volt AC Standard, single phase 60 (Standard) or (50 hz upon request) 2 amp circuit/60hz. Single Point Connection.

Enclosure Temperature Limits: 15F to 140F ambient.

Maximum Air Supply: 120 psig (15 min) 0-1 SCFM air consumption.

Enclosure: NEMA 4 UL Listed

Pressure Connections: 1/4" Npt tube

Electrical and Mounting: Two (2) Conduit Holes, and four (4) back wall or enclosure mounting holes.

RTD Standard Length Cable: 6', 6" insertion length, w/ 1/2" npt process connection. 316 stainless steel wells furnished upon request. RTD Furnished as an Option. Wiring Diaphragm furnished with each shipment.

DESCRIPTION

The Thermaflo Engineering EC-800 Electronic Controller combines full PID electronic controls, with indication, safety shutdowns, and alarms in one compact enclosure that is simple to install and can be used to control temperature, level, or pressure. The baked enamel finish NEMA 4 UL enclosure provides easy access, mounting, and protection for the instruments. Standard models feature either pneumatic or electronic proportional control outputs (See models). Inputs include RTD, and thermocouple for temperature, and 4-20 ma for pressure and or level. All Thermaflo EC800 controllers can be factory preset for your application so onsite startup is simple and easy with no long instruction manuals to take hours calibrating and setting up. Standard features include full Self Tune, fully adjustable PID, fuzzy logic, auto/manual control, remote reset of set point and remote out puts to EMS systems. Use the EC 800 to retrofit your existing control system and enjoy the simple high performance from *Thermaflo Engineering!*

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