

## Charge Air Cooler 660 SCFM / Engine Dynamometer



Wall mount option



Portable option

### Charge Air Cooler 660 SCFM

#### Features

**Temperature Controller:** Full PID autotuning

**Display:** Upper - 4 digits, high brightness green LED 0.4 in. (10 mm) high (Process temperature)

Lower - 4 digits, orange LED. 0.35 in. (9 mm) high (Set point temperature)

User selectable controls allow operator to choose charge air temperature or use remote setpoint (0 - 10 vdc)

**LED Output Indicator:** Flashing square, green

**Keypad:** 3 elastomeric buttons

#### Specifications

**Power:** 120 or 220/240 VAC

**Humidity:** Maximum 80%

**Altitude:** Up to 6,562 ft (2,000 m)

**Digital Range:** 199 to 9999

**Hi-res Mode:** 199.9 to 999.9

**Operating Ambient Range:** 32 - 130°F (0 - 50°C)

**Typical Application:** includes engines rated up to 1,000 hp (746 kW) that use air to air charge coolers

**Cooling:** 15°F (8°C) over water inlet temperature

**Air Flow:** Up to 50 lb/min mass air flow and 4,021 btu/min with a turbo outlet temperature of 450°F (232°C) and a turbo outlet pressure of 70 psig (142 in Hg)

**Pressure Drop:** Stated conditions result in an internal pressure drop of less than 1.0 psi @ 660 SCFM [SCFM is defined as the volume of air flow into the engine with an air temperature of 68°F (20°C) at 14.7 psia (1 atmosphere)]

#### Other:

- Customer supplies piping to engine and final connections to engines; two, 4 ft (1.2 m) stainless steel, flexible connections provided
- User selectable controls allow operator to choose charge air temperature or use remote setpoint (0-10 vdc) capability
- Requires cool supply water

*Everything you need to succeed*