

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