Charge Air Cooler 5,244 SCFM / Engine Dynamometer

Charge Air Cooler 5,244 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. (9mm) 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 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 2,500 hp (1,864 kW) that use air to air charge coolers
Cooling: 15°F (8°C) over water inlet temperature
Air Flow: Up to 394 lb/min mass air flow and 30,170 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 @ 5,244 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

Product may differ from image shown.

Everything you need to succeed