

CAC-1065 / Engine Dynamometer



The CAC -1065 Charge Air Cooler is a portable solution for controlling the intake temperature of forced induction engines within a test environment. It is available in multiple power size ratings to match almost any requirements.

Features

- Available for CI (Compression Ignition) and SI (Spark Ignition) engines
- 40CFR1065 compliant – capable of full compliance test support
- Adjustable Charge Output Temperature Control
- Closed Loop Cooling System - (Maintains cooling water and Charge air out within the 1065 requirements.)
- Monitors Closed Loop Coolant Temperature In / Out
- Monitors Closed Loop Coolant Flow Rate
- Provides Closed loop Low Coolant Level Indication
- Closed Loop Coolant Heater
- Monitors Air Pressure Outlet / Inlet
- Monitors Inlet Air Temperature
- Monitors Differential Air Pressure – Inlet to Outlet
- Monitors Process Water Inlet Temperature
- Automatic Condensate Drain Control
- Available with either remote or local control panel

Specifications

- Standard size ratings
 - 50 - 250 hp (37 - 186 kW)
 - 250 - 500 hp (186 - 373 kW)
 - 500 - 750 hp (373 - 559 kW)
- Custom sizes/configurations available
- Air Flow Capabilities: 1,500 CFM (2,550 m³/hr) (Based on 750 hp / 559 kW)
- Max Turbo Outlet Temperature: 500°F (260°C)
- Max Turbo Outlet Pressure: 70 psig (483 kPa)
- Pressure Drop: < 1 psid (7 kPa)
- Water Temperature: < 82°F (28°C)

Dimensions (W x H x D)

- 36.5 x 57.75 x 36.5 in. (927 x 1,467 x 927 mm)

Main Controller Power

- 208 V , 240 V, or 480 V available

Environmental Limits

- Air Temperature: 0° to 104°F (40°C)
- Relative Humidity: 0 to 95%
- No Condensation Allowed

Everything you need to succeed



Dyne Systems is a division of Taylor Dynamometer
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DS2700v002