

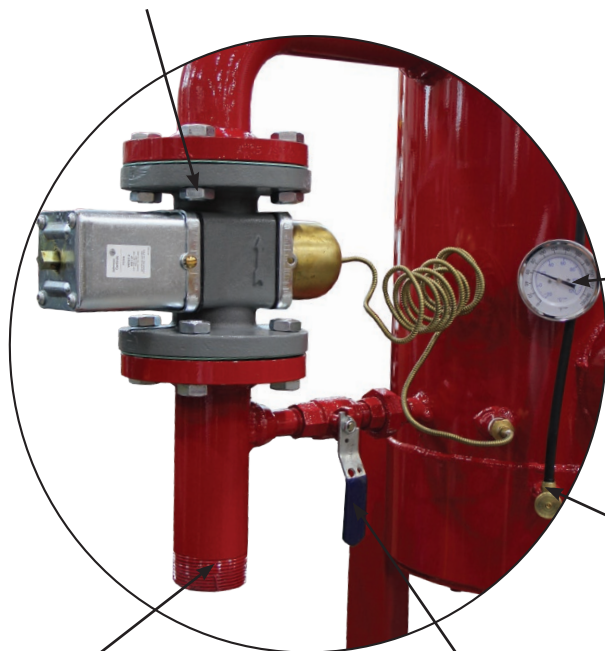
Large Cooling Column / Engine Dynamometer

Specifications

Dyne Systems' pressurized cooling columns regulate the temperature and coolant pressure of the engines being tested. Analog gauges allow you to monitor temperature and pressure levels during testing. The Large Cooling Column is for use in applications up to 4,250 hp (3,169 kW).

- Stainless steel internal components to inhibit rust
- Automatic temperature control valve
- Manual fill and drain valves
- Pressure adjusting handle
- Mobile unit with casters is standard, wall-mount option available
- Exhaust gas bleed line
- Weight is approximately 550 lb (250 kg) with legs
- Water Use Rate is 3.5 gpm per 100 hp (19 lpm per 100 kW)

Automatic Temperature Control Valve adjustable for tempered water to engine.
Standard: 160 - 205°F (71 - 96°C)
Optional: 115 - 160°F (46 - 71°C)



Cold Water Makeup Inlet
45 psig (310 kPa), 80°F (27°C)
Maximum for full rated power:
2 in. NPT up to 2,500 hp (1,863 kW)
2.5 in. NPT up to 4,250 hp (3,169 kW)

Manual Drain Valve

Dial Thermometer (Dual-scaled)

Manual Bleed Valve



Dial Thermometer (Dual-scaled)

Pressure Gauge (Dual-scaled)

Graduated Sight Glass for determining engine exhaust gas leak rate

Pressure Adjust
0-15 psig
(0-103 kPa)

Steel Swivel Caster Wheels

Everything you need to succeed