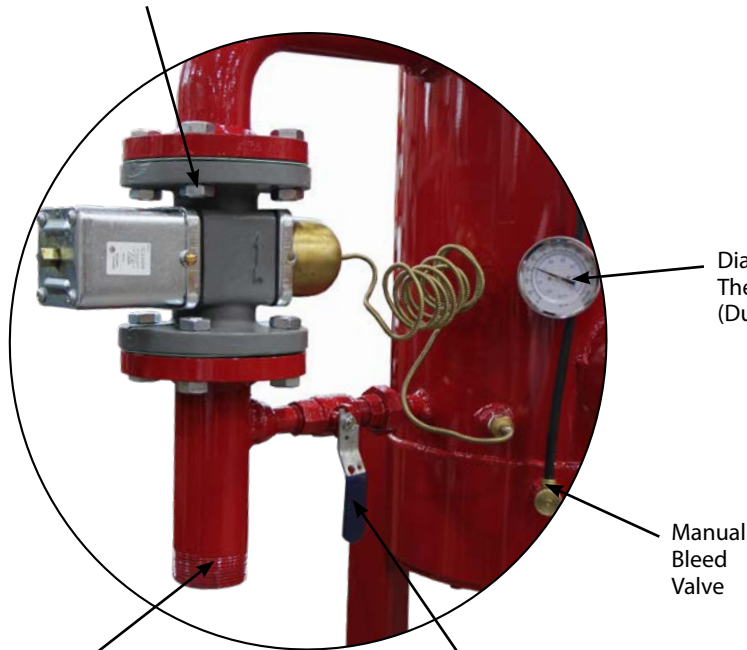


## Low Temperature Aftercooler / Engine Dynamometer

Dyne Systems' Low Temperature Aftercooler (LTA) is designed to regulate the secondary water circuit temperature on engines that use an onboard liquid-to-liquid heat exchanger (other than jacket water) to cool charge air. Analog gauges allow you to monitor temperature and pressure levels during testing.

- Weight is approximately 550 lb (250 kg) with legs
- Water Use Rate is 3.5 gpm per 100 hp (19 lpm per 100 kW)
- Stainless steel internal components to prevent rust
- Available as mobile unit (with casters) or as wall-mounted unit

Automatic Temperature Control Valve adjustable for tempered water to engine.  
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**



**Graduated Sight Glass for determining engine exhaust gas leak rate**

**Dial Thermometer (Dual-scaled)**

**Pressure Gauge (Dual-scaled)**

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

**Steel Swivel Caster Wheels**

*Everything you need to succeed*