

1600 CFM Air Compressor

Sullair™ 1600H AF



Standard Features

■ **COMPASS Controller** - Monitors every aspect of the compressor and engine.

- Discharge pressure
- Discharge temperature
- Ambient air temperature
- Separator restriction
- Aftercooler air temperature and louver activation if equipped
- Engine speed
- Hours of operation
- Voltage
- Engine coolant temperature
- Engine coolant level
- Fuel level
- Fuel usage rate
- Fuel pressure
- Fuel temperature
- Percent engine load
- Engine air temperature
- Engine oil pressure
- Compressor and engine status
- An engine diagnostic service port, displayed diagnostic messages and retrievable shutdown history includes all monitored system parameters at time of shutdown
- Rocker type start switch is also provided
- Back lit switches and gauges for night use
- E-stop, and auto and remote start capability

■ **AF Option provides Instrument Quality Air**

- Produce instrument quality air per ISO 8573.1:Class 1.7.1.
- Aftercooler and moisture separator.
- Primary and secondary filters remove particulate to 0.01 micron and aerosols to 0.01 ppm.

■ **0 to 100% Capacity Control** - Automatic inlet valve and unloaded starting.

■ **Engine is EPA Tier 3 and CARB** (California Air Resources Board) compliant.

■ **Air End Warranty** – 5-year or 10,000-hour warranty when continuously serviced at the recommended intervals with Sullair AWF Compressor Fluid and filters.

■ **Durable Powder Coat Finish**

Compressor

Actual Delivery	1600 cfm (45.3 m ³ /min, 755 L/sec)
Rated Pressure	150 psig (10.3 bar)
Pressure Range-min/max	85 / 150 psig (5.8 / 10.3 bar)
Air Outlets	Two – 3" NPT
Compressor Oil Capacity	45 gal (170.3 L)
Receiver Tank Volume	20 ft ³ (0.57 m ³)

Engine

Engine	CAT C-15ATAAC (T3)
Operating Speed	1800 rpm
Available Power-BHP	540 (403 kW)
Displacement	928 cu. in. (15.207 L)
Cooling System Cap.	32 gal. (121.1 L)
Engine Oil Capacity	36 qt. (34.1 L)
Fuel Tank Capacity	190 gal. (719.2 L)
Electrical Sys. Voltage	24 volts
Battery Rating - CCA	1125 / ea.

Dimensions

Wet weight - triple axle	16,620 lbs. (7539 kg)
Dry weight - triple axle	14,710 lbs. (6672 kg)
Length	240 in. (6.096 m)
Width	88 in. (2.235 m)
Height *	93 in. (2.362 m)
Track Width	77 in. (1.956 m)
Max. Towing Speed	55 MPH (89 km/h)
Axle Rating (each)	6000 lbs. (2722 kg)
Tire Size	9.5 x 16.5 LT (E)

* Add 8 inches (203 mm) for overall clearance height.

Performance

Fuel consumption 100% load	24.8 gal. (93.9 L)
Max. Operating Altitude	10,500 ft. (3,200 m)