

D950PVHCA-CU, D1150PVHCA-CU



HIGH PRESSURE, TWO STAGE

FEATURES

- Automatic 0 to 100% Capacity
- One 2" Service Connection
- Oil Level Sight Gauge
- Caterpillar C-15 ACERT or Cummins
- Steel Fuel Tanks
- Ether Starting Aid
- Single Point Lifting Bail
- Tri-Axle Running Gear for Towing Up to 55 MPH
- Noise Level Limited to Maximum of 76 dBA at 7 Meters
- Automatic Shutdown and Protection System
- Automatic Blowdown Valve
- Dual Pressure Regulators
- Adjustable 3" Lunette Eye
- Six Large Service Doors for Ease of Maintenance

STANDARD INSTRUMENTATION

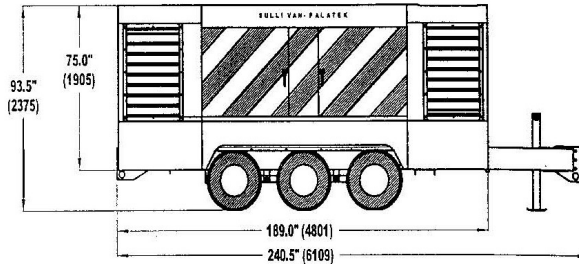
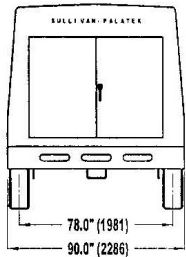
- Air Filter Maintenance Indicator*
- Air/Oil Separator Maintenance Indicator*
- Tachometer/Hourmeter*
- Engine Oil Pressure Gauge*
- Engine Water Temperature Gauge*
- Fuel Level Gauge*
- Voltmeter*
- Compressor Discharge Temperature Gauge*
- Compressor Discharge Air Pressure Gauge*
- Low Coolant Warning Light*

OPTIONS

- Aftercooler with Separator Trap & Filter

DIMENSIONS

(Metric in Parentheses)



SPECIFICATIONS

(Metric in Parentheses)

COMPRESSOR

	D950PVHCA	D950PVHCU	D1150PVHCA	D1150PVHCU
Type	Two Stage, oil flooded rotary screw	Two Stage, oil flooded rotary screw	Two Stage, oil flooded rotary screw	Two Stage, oil flooded rotary screw
Ambient Oper. Temp. Range	-20° to +125°F (-29° to +52°C)	-20° to +125°F (-29° to +52°C)	-20° to +125°F (-29° to +52°C)	-20° to +125°F (-29° to +52°C)
Oil Capacity	55 gal. (208 L)	55 gal. (208 L)	55 gal. (208 L)	55 gal. (208 L)
Total Receiver Volume	21 ft. ³ (595 L)	21 ft. ³ (595 L)	21 ft. ³ (595 L)	21 ft. ³ (595 L)
Air Service Connections	One 2" NPT	One 2" NPT	One 2" NPT	One 2" NPT
Type Cooling System	Oil to Air	Oil to Air	Oil to Air	Oil to Air
Type Air Intake System	Two Stage Dry	Two Stage Dry	Two Stage Dry	Two Stage Dry
Type of Control	0-100% Demand	0-100% Demand	0-100% Demand	0-100% Demand
Tire Size	8-14.5	8-14.5	8-14.5	8-14.5
Rated Delivery	950 cfm (26.9 m ³ /min)	950 cfm (26.9 m ³ /min)	1150 cfm (32.6 m ³ /min)	1150 cfm (32.6 m ³ /min)
Rated Operating Pressure	350 psig (24.13 BAR)	350 psig (24.13 BAR)	350 psig (24.13 BAR)	350 psig (24.13 BAR)
Operating Pressure Range	250-350 psig (17-24.1 BAR)	250-350 psig (17-24.1 BAR)	250-350 psig (17-24.1 BAR)	250-350 psig (17-24.1 BAR)
Estimated Weight, Serviced	17500 lbs (7938 kg)	17500 lbs (7938 kg)	17500 lbs (7938 kg)	17500 lbs (7938 kg)

ENGINE

	D950PVHCA	D950PVHCU	D1150PVHCA	D1150PVHCU
Type	Diesel	Diesel	Diesel	Diesel
Make	CATERPILLAR	CUMMINS	CATERPILLAR	CUMMINS
Model	C15 ACERT	QSX15	C15 ACERT	QSX15
Number of Cylinders	6	6	6	6
Bore and Stroke	5.4" x 6.75" (137 x 171mm)	5.4" X 6.7" (137mm x 169mm)	5.4" x 6.75" (137 x 171mm)	5.4" X 6.7" (137mm x 169mm)
Displacement	928 cu. In. (15.2 L)	915 cu. In. (15L)	928 cu. In. (15.2 L)	915 cu. In. (15 L)
Total Oil Capacity	8.75 gal. (33 L)	12 gal. (45.41L)	8.75 gal. (33 L)	12 gal. (45.41L)
Cooling System Capacity	18.5 gal (70 L)	18.5 gal (70L)	18.5 gal (70 L)	18.5 gal (70L)
Battery Rating	24 Volts	24 Volts	24 Volts	24 Volts
CCA @ 0°F	1400 Amps per Battery (2)	1400 Amps per Battery (2)	1400 Amps per Battery (2)	1400 Amps per Battery (2)
Idle Speed	1400 RPM	1400 RPM	1400 RPM	1400 RPM
Fuel Tank Capacity	200 gal (757 L)	200 gal (757 L)	200 gal (757 L)	200 gal (757 L)
Horsepower @ rated RPM	475 HP	485 HP	540 HP (403 kw)	535 HP
Full Load Speed	2100RPM	2100 RPM	2100 RPM	2100 RPM