



**Product Data: CPS 375**

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**Effective: 11/1/08**

## CPS 375

### Portable Air Compressor

<b>Compressor Data</b>	
Free Air Delivery @ Normal Working Pressure	375 CFM
Normal Working Pressure	100 PSI
Maximum Unloading Pressure	125 PSI
Minimum Working Pressure	58 PSI
Compression Stages	1
Compressor Cooling System	Air / Oil
Air Receiver Capacity	1.5 ft <sup>3</sup>
Approximate Air Outlet Temperature	100° F Above Ambient
Outlet Valve Configuration	2 x ¾" & 1 x 1 ½" with Claw Couplings
<b>Wheel Mounted Dimensions:</b>	
Length	145 Inches
Width	72 Inches
Height	71 Inches
Weight (dry)	3510 Pounds
Weight (wet)	3860 Pounds
Tire Size	ST225/75R15
Tire Pressure	65 PSI
Maximum Towing Speed	50 MPH
<b>Skid Mounted Dimensions:</b>	
Length	104 Inches
Width	55 Inches
Height	68 Inches
Weight (dry)	3570 Pounds
Weight (wet)	3920 Pounds
Maximum Ambient Temperature	125° F *
Maximum Relative Humidity	85% *
Maximum Altitude	n/a
Minimum Starting Temperature (w/o assist)	tbd



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<b>Diesel Engine Data</b>	
Engine Manufacturer	Perkins
Model Number	1104D-44TA
Horsepower Developed @ Rated Speed	111 HP @ 2300 RPM
Engine Type	Inline Four Cycle Diesel w/ Direct Fuel Injection
Number of Cylinders	4
Aspiration	Turbocharged
Bore x Stroke	4.13 in. x 5 in.
Displacement	4.4 Liters
Compression Ratio	18 : 1
Cooling System	Liquid
Maximum Loaded Speed	2300 RPM
Unloaded Speed	1600 RPM
Fuel Consumption @ 0% Load	1.5 Gallons per Hour
Fuel Consumption @ 100% Load	4.6 Gallons per Hour
Electrical System	12V Negative Ground
Battery Capacity	1 x 110 Ah
Cold Cranking Current (Per DIN 72311)	725 CCA
<b>Capacities</b>	
Engine Oil Capacity	2.3 Gallons
Engine Coolant Capacity	3.6 Gallons
Compressor Oil Capacity	8.0 Gallons
Fuel Tank Capacity	38 Gallons

*\* Consult Atlas Copco for proper de-rating instructions for operation beyond ambient limitations  
Design and specifications are subject to change without notice or obligation*