



**Viair 200PSI DC Portable Compressor**



The Viair 200PSI DC Portable Compressor is a recent addition to our rental fleet. This is a 12V DC portable compressor designed to be powered from a vehicle’s battery or the 7-way socket, commonly known as the trailer hitch plug.

**Key Features**

<b>Main Uses</b>	The compressor can be used for tire inflation, blowing tasks, and to power air tools. The engine <b><u>MUST</u></b> be running while using this compressor.
<b>Pre-Installed Parts</b>	Pre-installed parts on the portable compressor include the tank pressure gauge, pressure switch, safety valve, power cord, outlet pressure gauge, pressure regulator, and the tank.

**Specifications**

38034/38035 - 380C Plug-N-Play On-Demand Portable: (CE Certified)

<b>Motor Voltage</b>	12-Volts
<b>Max. Current Consumption</b>	23-Amps
<b>Recommended Fuse</b>	30-Amps

<b>Motor Type</b>	Permanent Magnetic
<b>Horsepower</b>	1/4
<b>Max. Working Pressure</b>	200 PSI*
<b>Max. Duty Cycle (@ 72°F &amp; 200 PSI)</b>	55%
<b>Minutes On/Off (@ 72°F &amp; 100 PSI)</b>	Continuous
<b>Max. Ambient Temperature</b>	158°F
<b>Min. Ambient Temperature</b>	-40°F
<b>Auto. Reset Thermal Protection</b>	Yes
<b>Dimensions</b>	14"L x 14"W x 12"H
<b>Net Weight</b>	23.25lbs.

\*Do not exceed compressor’s max working pressure to prevent damage to the compressor

## About Compressor Duty Cycle

Duty cycle refers to the amount of time a compressor can be operated in a given time period at 100 PSI, and a standard ambient temperate of 72°F. It is commonly expressed in percentage format: Compressor on time ÷ (on time + off time) = Duty Cycle %

<b>One-Hour Duty Cycle (100 PSI @ 72°F)</b>	<b>Minutes On / Minutes Off</b>
9%	5 Min. On / 55 Min. Off
10%	6 Min. On / 54 Min. Off
15%	9 Min. On / 51 Min. Off
20%	12 Min. On / 48 Min. Off
25%	15 Min. On / 45 Min. Off

30%	18 Min. On / 42 Min. Off
33%	20 Min. On / 40 Min. Off
50%	30 Min. On / 30 Min. Off
100%	1 Hour Run Time

**Note:** All compressors, regardless of rated duty cycle, require sufficient rest time in between cycles to allow for partial or complete heat dissipation. Heat dissipation rates may vary depending on ambient temperatures and operating conditions.

**About Rated Working Pressure:** To ensure trouble free service life of your compressor, always operate compressor within rated working pressure of the compressor. Never use a pressure switch with a higher cut-off pressure than compressor's rated working pressure.

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