



# Compressed air conversion chart

This PDF is generated from: <https://www.mhlengwesecurityservices.co.za/13-04-23-16933.html>

Title: Compressed air conversion chart

Generated on: 2026-05-13 16:06:23

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What is an air compressor calculator?

An air compressor calculator helps users convert pressure units (PSI, Bar, kPa), air flow units (CFM, m<sup>3</sup>/min), motor power (HP to kW), and determine the correct CFM requirement for pneumatic tools. It is essential for selecting the right compressor size, understanding performance differences, and comparing machines across international standards.

What units are used to measure air compressor pressure?

About pressure conversion: Air compressor pressure is measured in various units worldwide. PSI (Pounds per Square Inch) is common in the US, while Bar and kPa are used internationally. Use this calculator to convert between all major pressure units.

What is compressor source's air compressor unit converter?

We are not responsible for any damages or issues arising from use of this information. Use Compressor Source's Air Compressor Unit Converter to instantly convert pressure, flow, temperature, and volume across multiple units--imperial or metric.

How do you size an air compressor?

How to size your air compressor: To determine the proper compressor size, calculate the total CFM needed by all tools that will run simultaneously. Add their individual CFM requirements and multiply by 1.5 (50% safety factor) to account for system losses and ensure optimal performance. Formula: (Tool 1 CFM + Tool 2 CFM + ...

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## untitled COMPRESSED AIR CONVERSION FACTORS

Air Compressor Unit Converter: Instantly Convert Between Pressure, Flow, Temperature & Volume This unit converter is a versatile tool designed to help you convert between commonly used units in ...

Kaeser's unit conversion tool helps you convert all international standard unit systems such as pressure, volume, flow rate, and output quickly and easily.

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Compressed Air Resources Calculators / Toolbox Units conversion Units conversion Please use a decimal point as separator! (Thousands separators are not used.)

A free unit conversion calculator for all your compressor related calculations. Use the calculator tool to work out the units of measures for your applications.

Conversion of units of measurement of compressed air technology: Pressure: bar, psig, temperature: Celsius, Fahrenheit Volume flow: m<sup>3</sup>/h etc.

Browse our converters and calculators like our Flow Converter, Pressure Converter, Compressed air system storage calculator, pump up calculator and more!

Compressed Air Conversion Formulas Compressed Air Conversion Formulas Flow rates - CFM / l/min / M3/hr  
1 CFM = 28.328 l / min 1 CFM = 1.699 M3 / hr 1 M3 / hr = 0.58857 CFM 1 M3 / hr = 16.667 l / ...

Cu ft/min l/min PSI bar kPa 28.32 0.69 Multiply PSI PSI Kg/cm<sup>2</sup> cu ft/min kW Conversion Tables  
Compressed Air Conversion Factors Volume 850 620 Obtain PSI bar 1133 100 689 689 70.8 ...

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