



Piston Displacement

Piston displacement is expressed in cubic feet per minute and is the product of the [swept volume](#) and compressor speed in revolutions per minute. The following formula would be used to calculate the displacement of a cylinder;

$$\text{Piston Displacement (CFM)} = \frac{\text{Swept Volume (in}^3\text{)} \times \text{RPM}}{1728}$$