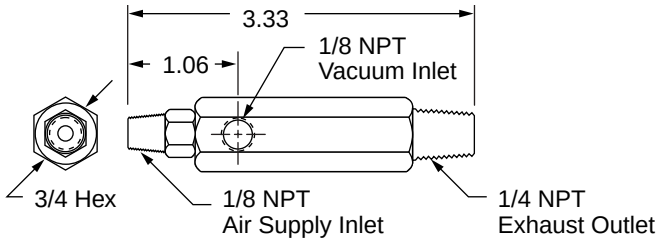
## Model VTR-1

Materials: Aluminum, black anodized and Brass

Weight: 2.1 oz.

The VTR Vacuum Generator produces high quality vacuum, from shop air, that can be used for applications such as suction cups for parts handling, chamber evacuation, and countless others.

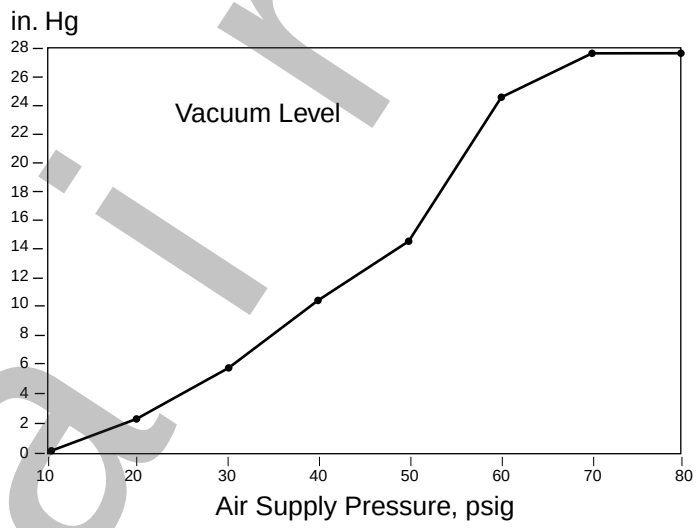


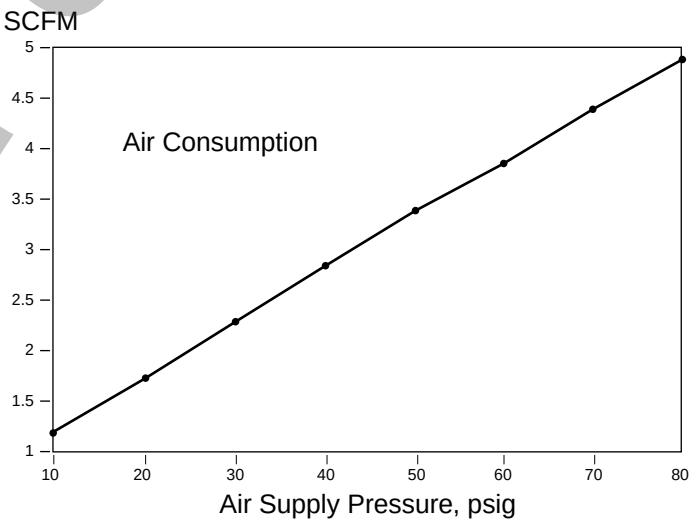

## Features & Benefits

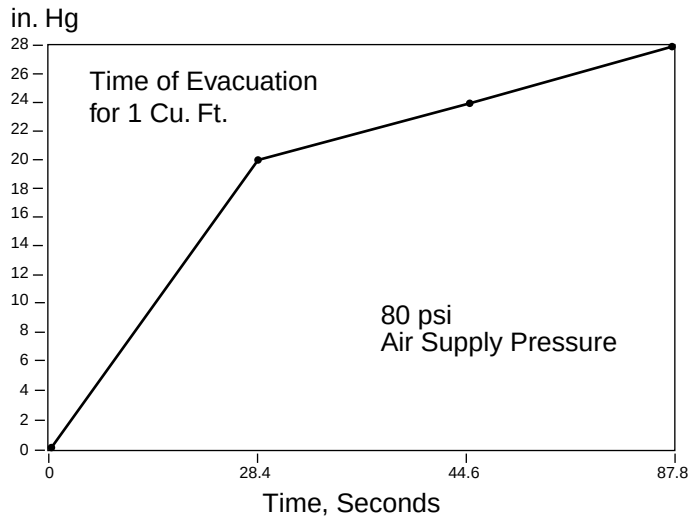
- ***Low Cost***
  Simple design results in low cost.
  No moving parts to wear means no maintenance costs.
  No maintenance means no down time costs.
- ***Adjustable***
  Control vacuum level by adjusting air supply pressure.
- ***Compact***
  Allows you to locate the vacuum generator at the point of application for highest efficiency.
- ***Quiet***
  No vanes, pistons or motors.
- ***Safe***
  No moving parts, safe in hazardous atmospheres.
- ***Efficient***
  Air consumption: 4.8 SCFM @ 80 psi inlet.
  Vacuum level: 28 in. Hg @ 80 psi inlet.

## Glossary of Terms

- ***Air Consumption***
  The volume of compressed air, per unit time, required to operate the vacuum generator; measured in standard cubic per minute (SCFM).
- ***Air Supply Pressure***
  Pressure of the compressed air at the supply inlet of the vacuum generator; measured in pounds per square inch (psi).
- ***Time of Evacuation***
  The time required to evacuate a given system from atmospheric pressure to a specified negative pressure (vacuum level).
- ***Vacuum***
  Vacuum exists when atmospheric air is removed from a system, resulting in less pressure within the system than the atmospheric pressure outside the system.
- ***Vacuum Flow***
  The rate at which atmospheric air moves out of a system is defined as the vacuum flow rate and is expressed in standard cubic feet per minute (SCFM).
- ***Vacuum Level***
  The level of negative pressure is defined as vacuum level and expressed in inches of Mercury (in. Hg.).



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