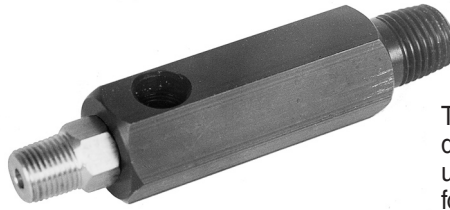


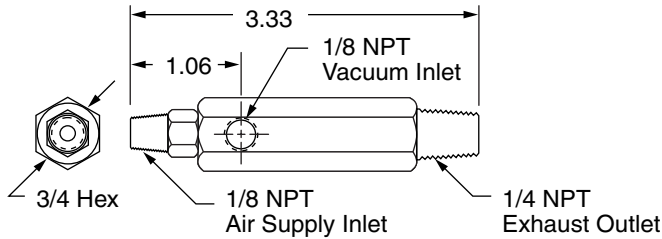
## Model VTR-1

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.).

