**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.).

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.