



JV Series Advanced Mini Vacuum Pumps

ANVER JV Series Mini Vacuum Generators are ideal for use as vacuum pumps where space is limited or for use as a lightweight stand alone vacuum pump such as in robotic applications. Their small size permits mounting close to the load pick-up point, decreasing response time and minimizing air consumption. Thermoplastic construction insures excellent performance characteristics while providing an economical vacuum solution for many design applications.

The JV Series are mini venturi vacuum generators. The vacuum control of these vacuum pumps is served through a separate manual or automatic control valve situated on the compressed air supply line. Available with 5 mm female threads (which 10/32 fits right in) or with 5/32" (4 mm) O.D. Tube Connection Ports.

JV Series pumps are suggested for use anywhere vacuum is required and where a simple, low maintenance and weight design is desired.

Ordering Information:

The JV Series Mini Vacuum Generators are available in two model sizes each available with a standard M5 female thread port connection (which 10/32 fits right in) or an optional push-to-connect vacuum and pressure port connection (T designation) for 5/32" (4 mm) O.D. Tubing. The Models JV07 and JV09 denote the basic vacuum generator only. Adding a control valve for the air supply can transform the basic generator into a compact vacuum system (JV07CE&D and JV09CE&D designations) with built-in 24VDC vacuum control. The control valve is mounted directly to the vacuum generator body, and all air passages are internal to the system.

Features:

- High speed, high 26" hg. vacuum and excellent flow for the size of the pump
- Minimum Space Requirements. They are only 1 3/4" (45mm) long!
- Available with or without valves or silencers, installation is straightforward
- Can be Manifold Mounted or used individually - one per vacuum cup, inline fashion
- Economical, Lightweight, Quiet Operation - The JV pump weighs only 16 grams!
- Low Air Consumption and no moving parts to wear out.
- Thermoplastic bodies handle temperature and moisture variances well
- A proven design Made in the USA by ANVER Corp



Vacuum Cups and Suction Cups

Anver Small Compressed Air Venturi Vacuum Pumps

Model Number	Description
JV Series Vacuum Generators with Single Valve to Control Vacuum	
JV07CE	JV07 Mini Vacuum Generator with 24vdc Vacuum Control Valve, with M5 - 10/32 Ports
JV07CET	JV07T Mini Vacuum Generator with 24vdc Vacuum Control Valve, 5/32" (4 mm) O.D. Tubing
JV09CE	JV09 Mini Vacuum Generator with 24vdc Vacuum Control Valve, with M5 - 10/32 Ports
JV09CET	JV09T Mini Vacuum Generator with 24vdc Vacuum Control Valve, 5/32" (4 mm) O.D. Tubing
JV Series Vacuum Generators with Double Valves to Control Vacuum and Blow-Off	
JV07CED	JV07 Mini Vacuum Generator with 24vdc Vacuum & Blow Off Control Valves, with M5 - 10/32 Ports
JV09CED	JV09 Mini Vacuum Generator with 24vdc Vacuum & Blow Off Control Valves, with M5 - 10/32 Ports
JV07TCED	JV07T Mini Vacuum Generator with 24vdc Vacuum & Blow Off Control Valves, 5/32" (4 mm) O.D. Tubing
JV09TCED	JV09T Mini Vacuum Generator with 24vdc Vacuum & Blow Off Control Valves, 5/32" (4 mm) O.D. Tubing



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Model Number	Description
Accessories for JV Series Mini Vacuum Generators	
JVM-2	Two Station Manifold for JV Series Mini Vacuum Generators
JVM-4	Four Station Manifold for JV Series Mini Vacuum Generators
JVEM	Optional Exhaust Muffler for JV Series Mini-Vacuum Generators (for use with JV Series Generators in stand-alone applications only). The muffler presses on to the body and locks in place.
JVSF	Optional Sensor Fitting, allows for the addition of a Remote Mounted Vacuum Sensor for precision control or system monitoring (for use with M5 10/32 thread port models).