



Product News

For Immediate Release

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New Energy Saving Mini Vacuum Pump System Creates, Monitors, and Controls Vacuum in Pick & Place, Clamping, and Evacuation Applications

New Vaccon Mini Air Saver Pump Line constantly monitors and controls vacuum level, minimizing energy consumption in pneumatic systems.



Medway, MA – Vaccon Vacuum Products announces the introduction of its new Mini Air Saver line of venturi vacuum pumps featuring a unique energy saving monitoring and control capability and Vaccon's proprietary "Designed for Dirt" construction. Incorporating a venturi vacuum pump, vacuum check valve, air piloted air valve, and an all-pneumatic vacuum switch, Mini Air Saver Pumps allow for the design and refitting of more energy efficient Pick & Place, material handling, and manufacturing systems.

Energy savings, reliability, and simplicity are the most prominent features of Vaccon's Mini Air Saver Pumps. Designed without convoluted air flow paths, Mini Air Saver Pumps have no place for dirt or debris to accumulate and clog. "These pumps are designed so dirt just blows through them," says Brian Ferri, President of Vaccon. "In fact, they don't need filters!" A pneumatic vacuum switch is the brain in Vaccon's Air Saver system. It constantly monitors and controls the vacuum level maximizing air savings.

Lightweight and compact, Mini Air Saver pumps are easily mounted close to the vacuum point for fast response. Designed for use in small part Pick & Place applications or for small vessel evacuations, Mini Air Saver Pumps are ideal for handling non-porous materials where the object is held for an extended period of time. Mini Air Saver pumps deliver a strong holding force, holding a part even if the compressed air supply is interrupted, providing an extra level of safety when handling delicate parts.

Mini Air Saver Vacuum Pump features include:

- Powerful vacuum up to 26"Hg [881mbar] – rapid evacuation
- Energy efficient – compressed air on only when needed, automatic shut-off
- Compact, lightweight – installs close to vacuum point

- Intrinsically safe to operate – all pneumatic – no electricity required
- High vacuum flows provide dependable vacuum holding force
- Choice of 80 PSI [5.5 BAR] standard or 60 PSI [4.0 BAR] optional operating pressures
- Reliable – operates trouble free:
 - ~ No moving parts to wear or clog
 - ~ Exclusive straight-through, non-clogging design – Vaccon “Designed for Dirt”
 - ~ No maintenance
 - ~ No downtime
 - ~ Quiet

Vaccon Company Inc., founded in 1972, is the leading U.S. manufacturer of air powered venturi vacuum pumps. Vaccon supplies the robotics, packaging, manufacturing, and process industries with reliable vacuum products characterized by efficient operation, rugged construction, and low cost. The Vaccon vacuum pump product line includes Modular Venturi, Dirt Tolerant and Material Conveying Pumps, Silencers, Blowers, Check Valves, Vacuum Cups and Switches, End-of-Arm Tooling components and more. No matter what the size of the order, Vaccon will modify any standard product or provide a custom design if an off-the-shelf product does not meet your requirements.

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