

It's time to put  
a BULLET in the  
competition...



**MAC** VALVES THAT DON'T STICK  
**VACCON** PUMPS THAT DON'T CLOG

...with Bullet Valve® integrated  
**VACCON** Venturi Vacuum Pumps.



**VACCON**  
VACUUM PRODUCTS  
[www.vaccon.com](http://www.vaccon.com)



## DESIGN FLEXIBILITY

Cartridge Valve



Cartridge Venturi

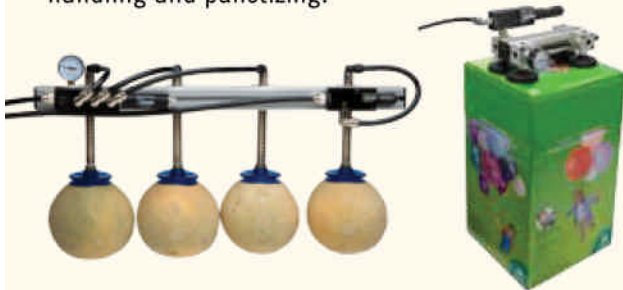


Limitless Solutions



### LARGE SELECTION OF STANDARD PRODUCTS

For packaging, food handling, material handling and palletizing.



### CUSTOM DESIGNS AND MANIFOLDS

Reduced number of components minimizes leak points, saves space, and reduces assembly time.

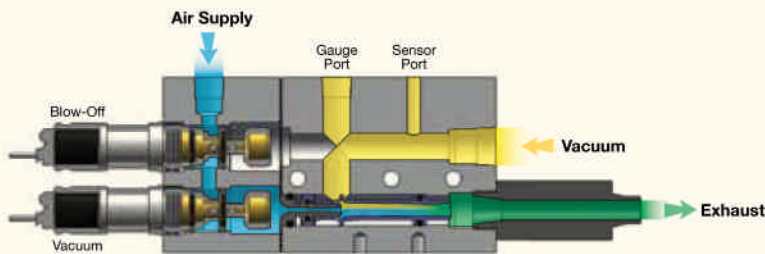


## HIGH SPEED VACUUM GENERATION

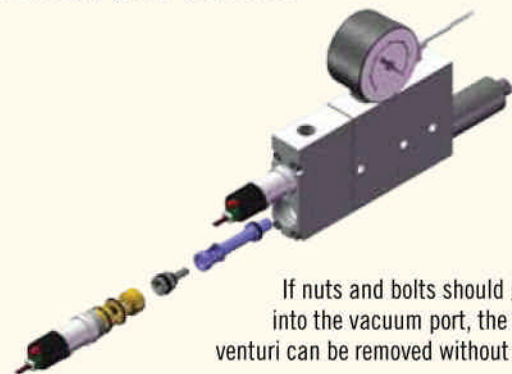
Reach working vacuum level in under 12 ms. Close coupled, direct acting valve feeding air to Vaccon's high flow venturi means near instantaneous vacuum generation. Increases production because of its high speed and saves air by not having to "lead" the cycle.

## RELIABLE IN CONDITIONS THAT CAUSE OTHERS TO FAIL

Simplicity in design is the key to reliability. Vaccon pumps have no flap valves to malfunction and no filters to clog or maintain. There is not a less complicated, more reliable, solenoid controlled venturi vacuum pump than this.



The combination of an integral valve with few moving parts, high shifting forces and a venturi with large unobstructed vacuum flow paths means dirt passes right through ensuring long life with no maintenance and no need for filters.



If nuts and bolts should get drawn into the vacuum port, the valve and venturi can be removed without any tools.



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## VACCON VENTURI VACUUM PUMPS with INTEGRATED MAC® BULLET VALVE®

### Miniature Modular Vacuum Pumps with Slip-In Cartridge Venturi



Vacuum Control  
Model# **VP01BV-**



Vacuum Control with Blow-off  
Model# **VP01QRBV-**



Slip-In Cartridge

**2 Performance levels to choose from:**

- Vacuum levels up to 28" Hg [948 mbar]
- Vacuum flows up to 0.5 SCFM [14 lpm]

### Mid Series Modular Vacuum pumps with Slip-In Cartridges



Vacuum Control  
Model# **VP20BV-**



Pneumatic Blow-off  
Model# **VP2XBV-**



Integral Vacuum Manifold  
Model# **VP20BV-MP-**

**11 Performance levels to choose from:**

- Vacuum levels up to 28" Hg [948 mbar]
- Vacuum flows up to 3.5 SCFM [99 lpm]



Vacuum & Blow-off  
Model# **VP35-**



Vacuum & Blow-off Manifold  
Model# **VMBV-**



Slip-In Cartridges

### Max Series Venturi – High Flow, Fast Evacuation



Vacuum Control  
Model# **VP80BV-**



Pneumatic Vacuum & Blow-off  
Model# **VP8XBV-**



Integral Vacuum Manifold  
Model# **VP80BV-MP-**

**5 Performance levels to choose from:**

- Vacuum levels up to 28" Hg [948 mbar]
- Vacuum flows up to 9.5 SCFM [269 lpm]

### VP92 Series – Vacuum Manifold Station for MAC® 92 Series sub base with Threaded Cartridge



Vacuum & Blow-off—  
Utilizes Sub-Base Port & Wiring  
Model# **VP92-**



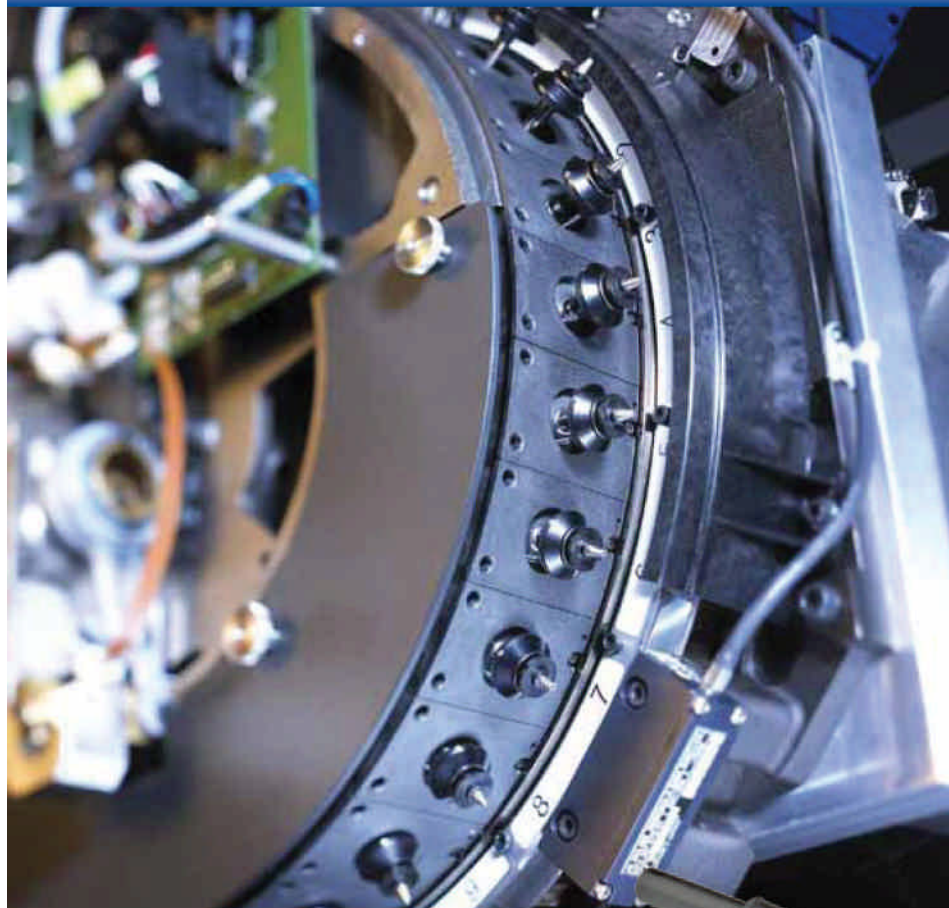
Threaded Cartridge  
Model# **C-250M-92**

**5 Performance levels to choose from:**

- Vacuum levels up to 28" Hg [948 mbar]
- Vacuum flows up to 9.5 SCFM [269 lpm]



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Universal Instruments™, a manufacturer of surface mount equipment, combines a Vaccon venturi vacuum cartridge with the precursor to the Bullet Valve® in this "Lightning Head" spindle assembly. Each head has 30 of these spindles for high speed board stuffing. See the head in operation at <http://www.youtube.com/watch?v=oEz4L34ipYA>



## About Vaccon:

40 innovative years of proven problem solving, proven vacuum expertise, proven design, proven performance – work with Vaccon and we'll prove it to you.

Vaccon products are installed in thousands of industrial vacuum applications around the world. From packaging to robotics to semiconductors, Vaccon's innovative solutions have increased productivity and lowered costs everywhere they are used.

Save valuable design time by taking advantage of our application experience and in-house test facility. Customers are invited to send their products to us where we will develop an efficient, cost effective vacuum solution.

We offer an extensive line of air powered vacuum pumps, air amplifiers, material conveying pumps, vacuum cups, gauges, sensors, switches, silencers, filters and our newest line of End-of-Arm Tooling for the industrial automation and robotic industries. And no matter what the size of the order, we will modify any standard product or provide a custom design if an off-the-shelf product does not meet your requirements.

All Vaccon pumps are designed to operate in adverse conditions without filters and never lose suction. Their simple, no-moving-parts design means they never wear out, never clog, and their completely maintenance-free operation provides high productivity.

Design robust vacuum systems faster by tapping into our 40 years of vacuum application experience and vacuum pump innovation.



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# It's Easier than Ever to Work with Vaccon...

*Use our catalog and website to find, configure and purchase products faster and easier than ever.*

## Find It!

- Expanded product offering
- Comprehensive print catalog and website
- Integrated digital online catalog



## Configure It! Buy It!

- 2D/3D online configurator for CAD models, images, part numbers and pricing
- Two stocking locations - the United States and the Netherlands
- Ship same day for in-stock products



## Support It!

- Our team of vacuum experts are proven problem solvers with years of practical, hands-on experience
- To ensure proper pump selection for your application, take advantage of Vaccon's **Free 30 Day Test & Evaluation program**



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