



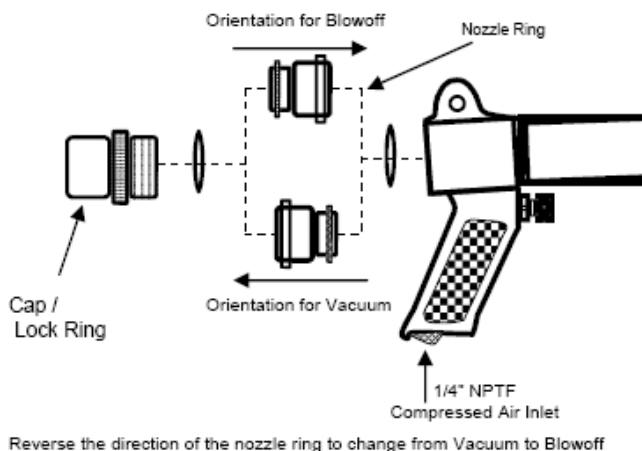
Vac-n-Blast Gun Installation and Maintenance

Compressed Air Supply Line Sizes:

To obtain maximum performance from the Arizona Vortex products, measurements of pressure (psig) and volume (scfm) of air must be obtained. Pressure drops in the compressed air lines should be held at a minimum. Quick connects can “starve” the Vac-n-Blast by causing excessive line pressure drops. Do not use plastic tubing. For best performance use line pressure 80 - 100 psig (5.5 to 6.9 BAR). The chart below is suggested lines sizes for hoses. A 5-micron air filter part # 90000 used in close proximity to the Vac-n-Blast will separate 99% of the foreign matter from the air supply, allowing virtually maintenance free operation. The Oil Coalescing filter part # 90020 can be used along with the air filter. Pipe thread sealant or tape must be carefully applied to avoid clogging product orifices.

Warning: DO NOT use any material that could cause an explosive situation!

<i>Line Sizes for Runs Up To:</i>	0-10 Ft (3m)	10 - 25 Ft (3m-7.6m)
	Hose	Hose
	1/4"	3/8"



Using The Vac-n-Blast:

Before use become familiar with the Vac-n-Blast by taking it apart and inspecting the internal nozzle ring. The nozzle ring's orientation determines whether you will get suction or a blast of air at the end of the gun. To change the direction of flow unscrew the lock ring located at the back of the gun and remove the nozzle ring. Direct the nozzle ring to where the holes are pointed in the direction to where you want to exhaust the air. For conveying material a hose can be installed on one or both ends of the gun. When using the Vac-n-Blast for suction make sure there is a hose or cloth bag on the lock nut side to avoid possible injury.

<input checked="" type="checkbox"/> Safe Operating Checklist	
	Inspect the Vac-n-Blast; making sure there is nothing attached that may become a flying projectile.
	Wear Safety Glasses with side shields when working with the Vac-n-Blast.
	Consider the direction of blowoff and exhaust making sure that debris will fly in a safe direction.
	Do not use compressed air to clean clothing or dislodge parts. Serious or fatal injuries can occur.
	Do not engage in horseplay or point the Vac-n-Blast at someone.

Trouble-Shooting Vac-n-Blast	Action to Take:
Incoming Air Pressure	Low pressure will cause poor performance. Take a measurement of pressure just before the Vac-n-Blast. Extended lengths of air hose can cause pressure drops and lower performance.
Performance	The Vac-n-Blast may be become clogged with contaminates. If this happens simply disassemble and clean the parts. The Vac-n-Blast is made up of 3 parts: The gun body, nozzle ring and a lock ring. Check all parts for dirt or oil and clean. Lubricate "O" ring for ease of future adjusting, there should be an "O" ring on each end of the nozzle ring. Re-assemble the Vac-n-Blast making sure to note the direction of the nozzle holes since they will determine the suction end (Silicone based products should not be used in paint environments). Always clean the bag, hoses, and other attachments after every use.