

**BLOWOFF JETS TO REDUCE
COMPRESSED AIR USAGE AND
NOISE LEVELS
BRASS CONSTRUCTION
Amplification of 25:1**

Arizona Vortex—High Thrust Jets



Arizona Vortex High Thrust Jets will amplify your compressed air by as much as 25 times. The high thrust jet enables the user to complete heavy blowoff jobs and heavy air conveying jobs without over-loading the air compressor. Using the High Thrust Jet you may increase the life of your air compressor. A 1/4" diameter copper tube uses the entire amount of compressed air produced by a 10 HP compressor. The Arizona Vortex High Thrust Jet uses only a fraction of that amount and will produce the same results, saving money in compressed air consumption. Noise is also reduced by as much as 20 dBa. Arizona Vortex High Thrust Jets release a small amount of compressed air through an annular orifice. The high speed air creates a sonic velocity tube of air. The high speed tube of sonic velocity air creates a low pressure area or vacuum area at the rear of the jet body and entrains surrounding air into the sonic velocity air stream providing a high thrust stream of air that can be used to provide high pressure blowoff.

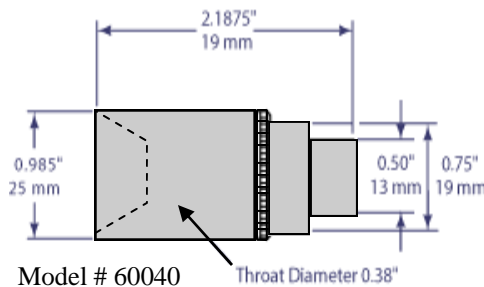
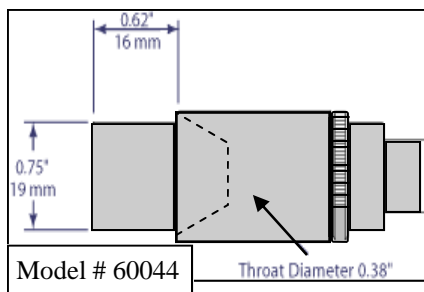
**USE OF ARIZONA VORTEX
HIGH THRUST JETS**

- Heavy Blowoff
- Ejecting Parts
- Air Conveying
- Part Cleaning
- Air Cooling
- Drying Off Surfaces
- Blowoff Of Chips, Trims, and Scrap
- Replaces Pipes and Tubes

The outlet and inlet can be ducted for remote positioning. Flow reverses if one end becomes blocked at below OSHA static pressure.

BENEFITS

- Return on Investment in Weeks
- Instant
- Meets OSHA Requirements
- Quiet
- High Thrust
- Low Air Consumption
- Controllable



Distance From Target	20 psi	30psi	40 psi	50 psi	60 psi	70 psi	80 psi	90 psi	100 psi
6"	3	5	7.5	9.5	11.8	14.5	16.5	20	22.2
12"	2.9	4.9	6.9	8.8	11.5	13.4	16.2	18.9	21.4
18"	2.3	3.9	5.6	7.1	9.3	11.1	13.7	15.7	17.4

Arizona High Thrust Nozzle set at 20 cfm at 80psi. Blow off force in ounces of thrust.

Save Energy—Save Cost—Save Your Air Compressor!