

VORTEC Air Nozzles

Drastically Reduce Compressed Air Consumption

Vortec engineered blow off nozzles significantly reduce compressed air consumption and noise, compared to open nozzle jets. Using proven amplification technology, Vortec nozzles entrain and accelerate free surrounding air, resulting in air flow volume up to 25 times more than the volume of compressed air, giving 25 times the blow off capacity at a significantly reduced energy usage and lower operating cost. Vortec nozzles also reduce noise levels by as much as 60%.

Vortec nozzles are available in a full range of designs, materials of construction, sizes and force/thrust levels compatible with most installations; capable of replacing open copper tubes, flex-line, drilled pipe and other nozzles that are not designed to save air. Worker safety standards are met as well, as Vortec safety air nozzles are compliant with OSHA 1910.242(b) dead-end pressure regulations.



Features

- Meet OSHA noise guidelines; reduce noise compared to open copper tubes or drilled pipe
- Meet OSHA 1910.242(b) dead-end pressure guidelines.
- Power/thrust levels ranging from 3 – 72 oz-force
- Air stream sizes at nozzle ranging from 3/16" to 1"

Benefits

- Up to 25 times more blow off power
- Reduce operating costs by up to 80%
- Reduce noise levels by as much as 60%
- Reach tight spaces with effective blow off
- Blow off multiple or changing locations with flexible nozzles
- Save time with better blow off capability

Air Nozzle Applications:

- Blow off cleaning
- Cooling
- Parts drying
- Air-assist in moving or orienting position of parts or product
- Replacing open copper tubes and pipes for blow-off
- Energy conservation programs
- OSHA compliance programs
- Ejection parts or cut-outs from dies and molds





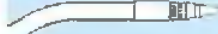


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Vortec Nozzles are an excellent replacement for open copper tubes, flex-line and other nozzles not designed to save air. A full range of styles, with designs compatible to most applications, is available.

Nozzles

Model No.	Description	Thrust (Power) Oz at 12"	Air Consumption SCFM (SLPM)	Features
1200 Nozzle 1200 SS Nozzle 	Adjustable output flow and thrust, 1/8"NPT(M) inlet "Durablast" Nozzle	3 to 21	8 (226) to 26 (736)	Threaded connection is ideal for installing on blow guns and manifolds. Adjustable micrometer dial sets airflow and thrust. Available in aluminum(1200) or stainless steel(120055).
9401 Blow Gun 	Blow Gun with adjustable output model 1200 nozzle, 1/4" NPT(F) inlet	3 to 21	8 (226) to 26 (736)	Thumb lever operated blowgun with model 1200 adjustable output "Durablast" nozzle.
1201 Nozzle 	1/4" OD, copper tubing	6	9 (255)	Compact size. Permanently mounted on copper tubing which can be bent, flared, used with compression fittings or soldered.
1201F-12 	3/8" OD, flexible rubber hose, 1/8" NPT(M) inlet	6	9 (255)	Compact size. Permanently mounted on flexible hose. Holds position under full line pressure. Ideal for areas with limited space.
1202 Nozzle 	1/4" OD, copper tubing, high thrust	20	23 (651)	Compact size. Permanently mounted on copper tubing which can be bent, flared, used with compression fittings or soldered.
1203 Nozzle 	3/8" OD, copper tubing	9	13 (368)	Permanently mounted on copper tubing which can be bent, flared, used with compression fittings or soldered.
1204 Nozzle 	1/2" OD, flexible rubber hose, 1/8" NPT(M) inlet	9	13 (368)	Permanently mounted on flexible hose. Holds position under full line pressure. Ideal for areas with limited space. Efficient replacement for flex-line used for blowoff.
1205 Nozzle 	3/8" OD, copper tubing, high thrust	28	31 (877)	Permanently mounted on copper tubing which can be bent, flared, used with compression fittings or soldered.
1206 Nozzle 	11/16" OD, high thrust, flexible rubber hose, 1/4" NPT(M) inlet	28	31 (877)	Permanently mounted on flexible hose. Holds position under full line pressure. Ideal for areas with limited space. Efficient replacement for flex-line used for blowoff.
1220 Nozzle 	3/4" NPT(M) inlet, maximum thrust	72	120 (3396)	Threaded connection. Ideal for maximum thrust applications such as large surface blowoff. Perfect for paving, roofing and construction uses.

Specifications are at 100 psig (6.9 bar) except 1220 nozzle is at 40 psig (2.7 bar).

Airstream Size

Model No.	At Nozzle		12" From Nozzle	
1200, 1200 SS	5/8"	16 mm	3-1/2"	89 mm
1201, 1202, 1201F-12	3/16"	5 mm	3-1/4"	82 mm
1203, 1204, 1205, 1206	1/4"	6 mm	3-1/4"	82 mm
1220	1"	25.4 mm	5"	127mm

