

ADJUSTABLE AIR SAVER NOZZLE



Cut operating cost with the Air Saver Nozzle

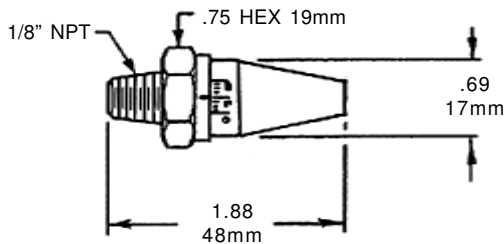
One 1/4" (6mm) open air line, operating 80 PSI (5BAR) on an eight-hour schedule, will cost \$1100/year. The adjustable Air Saver Nozzle would use 70 percent less air – only \$1500/year, and produce 372 SCFM (10,600 SLPM) of air, compared to 36 SCFM (1020 SLPM) from the open line.

Advantage of the Air Saver Nozzle:

- Generates highest thrust with lowest air consumption
- Adjustability makes it easy to adapt to existing applications and immediately cut air-use to a minimum for the job
- Greatly reduces demand on the compressor
- Low initial and operating costs
- Meets OSHA and dead-end pressure requirements
- Easy to control flow/force

Use Air Saver Nozzles for:

- Ejecting parts from molding machine and stamping presses
- Blow-off of chips, trim scrap, dust
- Part cleaning before painting
- Plant air conservation and noise reduction
- Cleaning/cooling of plastic parts
- Cleaning/cooling of conveyORIZED parts



| PART # | PRICE |
|--------------|----------------|
| 48009 | \$20.40 |

Cuts compressed air use an average of 70%. Increases output times. The Air Saver Nozzle harnesses the power of compressed air to do BIG blow-off, cooling and parts ejection jobs, without spewing raw compressed air and noise all over your plant. It's ideal for anything from a hand-held blow-off gun to multi-unit nozzle manifolds for conveyORIZED product or transfer lines.

Even small air-usage applications can show major cost reductions. The Air Saver Nozzle gives you cost and performance advantages with air amplification. **It amplifies your compressed air flow 25 times**, delivering high thrust with just a fraction of the compressed air wasted by open air lines.

A system-wide changeover to Air Saver Nozzles can be like adding compressor capacity. They'll:

- cut your energy bill
- increase air flow with reduced noise levels
- reduce demand on your compressor
- give you a return on investment in days

And because you cannot block off the opening in the nozzle, it's completely safe for workers, and meets OSHA dead-end pressure limits.

How does the Air Saver Nozzle work?

The Air Saver releases a tiny amount of compressed air at near-sonic velocity through a fine, ring-shaped nozzle. As the high-speed "tub" of air emerges from the nozzle, it creates a strong vacuum along its sides, pulling a much larger volume of surrounding air into the stream. At 12" (300mm) in front of the nozzle, the airstream is 3-1/2" (88mm) diameter and capable of producing force levels of 10.8 to 27 ozs. (300-65 g), depending on the setting.

Adjustable force level simplifies set-up

The Air Saver Nozzle simplifies setup or system change because you can alter the flow and thrust with a twist of the micrometer dial. You can adjust the nozzle opening from full closed to a 0.010" (0.25mm) orifice without shims or gauges. The micrometer dial makes it quick and easy to install the nozzle in an existing application and set it for minimum air to do the job. Then lock in the setting with tamper-proof set screw. Adjustability also makes it easy to calibrate multi-unit blow-off banks or control air by workers.

Stainless steel or aluminum construction

Low-cost aluminum Air Saver are ideal for most industrial applications. Stainless steel units are ideal for:

- food processing applications
- hot corrosive environments
- maximum durability in harsh services

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