

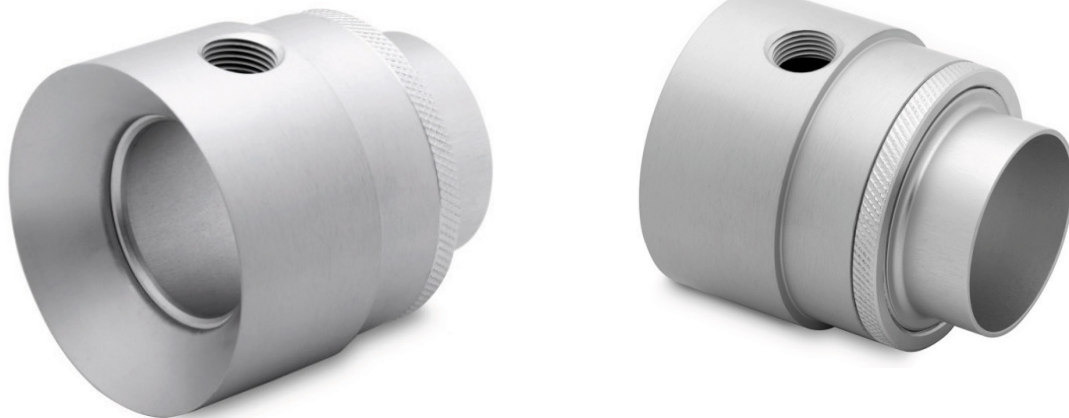
# AIRMASTERS

Innovative Compressed Air Solutions



## AIR AMPLIFIER AIR-AMP02

Air amplifier nozzle or "air movers" from Air Products Corp., are a simple, inexpensive devices with virtually no maintenance that can convey fumes, smoke, lightweight materials and move a high volume of air for cooling, blowoff and drying applications. Air amplifier nozzles are use the "coanda effect" which entrains a large amount of surrounding air using only a small amount of compressed air. The effect is an amplification of up to 17 times the airflow or more (depending on the size) with reduced noise levels. Using only compressed air, the output flow and vacuum is easily controlled by adjusting or opening the air gap and/or inlet pressure. Either end of the air amplifier may be ducted to address all kinds of applications from bringing in fresh air into an area to removing nasty fumes. Be wary of unrealistic or unsubstantiated amplification ratios claimed by some companies.



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Air consumption at 5.5 Bar

37 Nm<sup>3</sup>/h

Air flow at outlet

592 Nm<sup>3</sup>/h

Air Amplification

16:1

Sound level at 5 Bar

74 dB(A)

Material

Aluminum or Stainless steel

Shims

Stainless Steel

Longer life in difficult environments than competitive models

Yes

Internal diameter

51 mm

Connection type

Female 3/8" BSP

Blowing pattern

Wide

Air velocity at outlet

85 m/s

Maintenance free with output easily controlled

Yes

Max operating pressure

7 Bar

Applications

Blow off and vacuum

Meets the OSHA directives

Yes

Meet the EU machine directives

Yes