

AIRMASTERS

Innovative Compressed Air Solutions



AIR AMPLIFIER AIRMASTERS20

AIR AMPLIFIERS nozzle or air movers 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 AMPLIFIERS use the "coanda effect" which entrains a large amount of surrounding air using only a small amount of compressed air. The effect of the AIR AMPLIFIERS is an amplification of up to 30 times the airflow or more depending on the size of the AIR AMPLIFIERS, with reduced noise levels. Using only compressed air, the output flow and vacuum of the AIR AMPLIFIERS is easily controlled by adjusting or opening the air gap and/or inlet pressure. Either end of the AIR AMPLIFIERS may be ducted to address all kinds of applications from bringing in fresh air into an area. Be aware - If doesn't have "Made in Italy" cast into the body then it is not an original Airmasters product with the most advanced technology and performance!



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Air consumption at 5.5 Bar

15 Nm³/h

Air flow at outlet

322 Nm³/h

Air Amplification

22:1

Sound level at 5 Bar

64dB(A)

Material

Zinc

Shims

Stainless Steel

Longer life in difficult environments than competitive models

Yes

Internal diameter

20 mm

Connection type

Female 1/4" BSP

Blowing pattern

Concentrated

Air velocity at outlet

130 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