

AIR AMPLIFIER AIRMASTERS125

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. We have 2 versions available: standard AIR AMPLIFIERS and adjustable AIR AMPLIFIERS



Air consumption at 5.5 Bar	305 Nm³/h
Air flow at outlet	4890 Nm³/h
Air Amplification	16:1
Sound level at 5 Bar	92 dB(A)
Material	Zinc
Shims	Stainless Steel
Longer life in difficult environments than competitive models	Yes
Internal diameter	125 mm
Connection type	Female 3/4"
Blowing pattern	Wide
Air velocity at outlet	44 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