AIR AMPLIFIER AIR-AMP00

Air amplifier 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 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 of the Air amplifier, 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 amplifier 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	10 Nm³/h
Air flow at outlet	150 Nm³/h
Air Amplification	15:1
Sound level at 5 Bar	73 dB(A)
Material	Aluminum or Stainless steel
Shims	Stainless Steel
Longer life in difficult environments than competitive models	Yes
Internal diameter	19 mm
Connection type	Female 1/8"
Blowing pattern	Wide
Air velocity at outlet	115 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