AIRMASTERS

Innovative Compressed Air Solutions

AIR KNIFE AIRMASTERS+ 12-305MM

The compressed air knives AIRMASTERS+ have been developed for use in any situation requiring an extremely high blowing strength while at the same time guaranteeing a significant reduction in energy costs as well as in noise levels. Manufactured in Italy with precision machinery and all the know how needed, the air knives AIRMASTERS+ guarantee a uniform flow and a force that is perfectly distributed along the whole length of the knife.Lot of the air that is used is drawn from the environment with the Coanda effect with a small quantity of compressed air. We are able to generate a flow that is the equivalent of 50 times the compressed air used. This means that our air knife offers a ratio of 1:50. In fact, our exclusive and patented design enables an effective transport of surrounding air that is superior to the capacity offered by traditional air knives. AIRMASTERS+ compressed air knives are manufactured in anodised aluminium to ensure a longer durability. Our air knives integrate only stainless steel shims.AIRMASTERS+ compressed air knives are easy to assemble and maintain.Stainless steel models are available for high temperature and corrosive applications.The pieces can easily be joined to each other, thus ensuring uniformity of flow. Patented.

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Blowing force at 5 Bar	10 N
Air consumption at 5 Bar	54 Nm³/h
Air Amplification	50:1
Sound level at 5 Bar	67dB(A)
Material	Aluminum coated
Shims	Stainless Steel
Dimensions	305 mm x 44.5 mm x 27.6 mm
Connection type	Female
Back connection	1/4" x 2
Side connections	1/4" x 2
Blowing pattern	Flat
Velocity at 152mm	71 m/s
Max operating pressure	10 Bar