

AIR KNIFE AIRMASTERS+ 02-51MM

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.



Blowing force at 5 Bar	1.7 N
Air consumption at 5 Bar	9.0 Nm ³ /h
Air Amplification	50:1
Sound level at 5 Bar	67dB(A)
Material	Aluminum coated
Shims	Stainless Steel
Dimensions	51 mm x 44.5 mm x 27.6 mm
Connection type	Female
Back connection	1/4" x 1
Blowing pattern	Flat
Velocity at 152mm	57 m/s
Max operating pressure	10 Bar

www.air-masters.eu info@air-masters.eu Tel. +44 8006893125

AIR KNIFE AIRMASTERS+ 03-75MM

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Blowing force at 5 Bar	2.5 N
Air consumption at 5 Bar	13.4 Nm ³ /h
Air Amplification	50:1
Sound level at 5 Bar	67dB(A)
Material	Aluminum coated
Shims	Stainless Steel
Dimensions	75 mm x 44.5 mm x 27.6 mm
Connection type	Female
Back connection	1/4" x 1
Blowing pattern	Flat
Velocity at 152mm	71 m/s
Max operating pressure	10 Bar

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AIR KNIFE AIRMASTERS+ 06-152MM

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Blowing force at 5 Bar

5 N

Air consumption at 5 Bar

27 Nm³/h

Air Amplification

50:1

Sound level at 5 Bar

67dB(A)

Material

Aluminum coated

Shims

Stainless Steel

Dimensions

152 mm x 44.5 mm x 27.6 mm

Connection type

Female

Back connection

1/4" x 1

Blowing pattern

Flat

Velocity at 152mm

71 m/s

Max operating pressure

10 Bar

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AIR KNIFE AIRMASTERS+ 09-229MM

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Blowing force at 5 Bar	7.5 N
Air consumption at 5 Bar	40 Nm ³ /h
Air Amplification	50:1
Sound level at 5 Bar	67dB(A)
Material	Aluminum coated
Shims	Stainless Steel
Dimensions	229 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

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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.



Blowing force at 5 Bar	10 N
Air consumption at 5 Bar	54 Nm ³ /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

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AIR KNIFE AIRMASTERS+ 15-381MM

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.



Blowing force at 5 Bar	12.6 N
Air consumption at 5 Bar	66 Nm ³ /h
Air Amplification	50:1
Sound level at 5 Bar	67dB(A)
Material	Aluminum coated
Shims	Stainless Steel
Dimensions	381 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

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AIR KNIFE AIRMASTERS+ 18-457MM

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Blowing force at 5 Bar

15 N

Air consumption at 5 Bar

80 Nm³/h

Air Amplification

50:1

Sound level at 5 Bar

67dB(A)

Material

Aluminum coated

Shims

Stainless Steel

Dimensions

457 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

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AIR KNIFE AIRMASTERS+ 24-610MM

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Blowing force at 5 Bar

20 N

Air consumption at 5 Bar

106 Nm³/h

Air Amplification

50:1

Sound level at 5 Bar

67dB(A)

Material

Aluminum coated

Shims

Stainless Steel

Dimensions

610 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

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AIR KNIFE AIRMASTERS+ 30-762MM

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Blowing force at 5 Bar

28 N

Air consumption at 5 Bar

133 Nm³/h

Air Amplification

50:1

Sound level at 5 Bar

67dB(A)

Material

Aluminum coated

Shims

Stainless Steel

Dimensions

762 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

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AIR KNIFE AIRMASTERS+ 36-914MM

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Blowing force at 5 Bar

30 N

Air consumption at 5 Bar

152 Nm³/h

Air Amplification

50:1

Sound level at 5 Bar

67dB(A)

Material

Aluminum coated

Shims

Stainless Steel

Dimensions

914 mm x 44.5 mm x 27.6 mm

Connection type

Female

Back connection

1/4" x 3

Side connections

1/4" x 2

Blowing pattern

Flat

Velocity at 152mm

71 m/s

Max operating pressure

10 Bar

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AIR KNIFE AIRMASTERS+ 42-1067MM

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Blowing force at 5 Bar

35 N

Air consumption at 5 Bar

187 Nm³/h

Air Amplification

50:1

Sound level at 5 Bar

67dB(A)

Material

Aluminum coated

Shims

Stainless Steel

Dimensions

1067 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

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AIR KNIFE AIRMASTERS+ 48-1219MM

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Blowing force at 5 Bar

39.5 N

Air consumption at 5 Bar

213 Nm³/h

Air Amplification

50:1

Sound level at 5 Bar

67dB(A)

Material

Aluminum coated

Shims

Stainless Steel

Dimensions

1219 mm x 44.5 mm x 27.6 mm

Connection type

Female

Back connection

1/4" x 3

Side connections

1/4" x 2

Blowing pattern

Flat

Velocity at 152mm

71 m/s

Max operating pressure

10 Bar

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AIR KNIFE AIRMASTERS+ 54-1372MM

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Blowing force at 5 Bar

45.5 N

Air consumption at 5 Bar

240 Nm³/h

Air Amplification

50:1

Sound level at 5 Bar

67dB(A)

Material

Aluminum coated

Shims

Stainless Steel

Dimensions

1372 mm x 44.5 mm x 27.6 mm

Connection type

Female

Back connection

1/4" x 3

Side connections

1/4" x 2

Blowing pattern

Flat

Velocity at 152mm

71 m/s

Max operating pressure

10 Bar

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