

AMPLIFIER AIR KNIFE AS02

Our **Amplifier Air knives** or **Cooling Air knives** "AS" are available with 2, 3 or 4 **air amplifiers**, hard anodized aluminum or stainless steel 304.

Our **Amplifier Air knives** or **Cooling Air knives** use the “coanda effect” which entrains a large amount of surrounding air using only a small amount of compressed air going into the **air amplifiers**. The effect is an amplification of up to 17 times the airflow or more (depending on the size of the **air amplifiers**) with reduced noise levels.

The **Amplifier Air knives** or **Cooling Air knives** model AS02 use only 30 Nm³/h of air but generates a volume of 474 Nm³/h at the exit.

The **air amplifiers** installed on the **Amplifier Air knives** or **Cooling Air knife** Mod. AS02 are the **air amplifiers** AM20



Air consumption at 5.5 Bar	30Nm³/h
Air flow at outlet	475Nm³/h
Sound level at 5 Bar	64dB(A)
Material	Hardened anodized aluminum
Shims	Stainless Steel
Dimensions	205 mm x 70 mm x 10 mm
Back connection	1/2" x 1
Side connections	1/2" x 2
Max operating pressure	7 Bar
Applications	Blow off and vacuum
Meets the OSHA directives	Yes
Meet the EU machine directives	Yes

AMPLIFIER AIR KNIFE AS02S

Our Amplifier Air knives or Cooling Air knives "AS" are available with 2, 3 or 4 air amplifiers, hard anodized aluminum or stainless steel 304. Our Amplifier Air knives or Cooling Air knives use the "coanda effect" which entrains a large amount of surrounding air using only a small amount of compressed air going into the air amplifiers. The effect is an amplification of up to 17 times the airflow or more (depending on the size of the air amplifiers) with reduced noise levels. The Amplifier Air knives or Cooling Air knives model AS02 use only 30 Nm³/h of air but generates a volume of 474 Nm³/h at the exit. The air amplifiers installed on the Amplifier Air knives or Cooling Air knife Mod. AS02 are the air amplifiers AM20



Air consumption at 5.5 Bar

30Nm³/h

Air flow at outlet

475Nm³/h

Sound level at 5 Bar

64dB(A)

Material

Stainless Steel 304

Shims

Stainless Steel

Dimensions

205 mm x 70 mm x 10 mm

Back connection

1/2" x 1

Side connections

1/2" x 2

Max operating pressure

7 Bar

Applications

Blow off and vacuum

Meets the OSHA directives

Yes

Meet the EU machine directives

Yes

AMPLIFIER AIR KNIFE AS03

Our **Amplifier Air knives** or **Cooling Air knives** "AS" are available with 2, 3 or 4 **air amplifiers**, hard anodized aluminum or stainless steel 304.

Our **Amplifier Air knives** or **Cooling Air knives** use the “coanda effect” which entrains a large amount of surrounding air using only a small amount of compressed air going into the **air amplifiers**. The effect is an amplification of up to 17 times the airflow or more (depending on the size of the **air amplifiers**) with reduced noise levels.

The **Amplifier Air knives** or **Cooling Air knives** model AS02 use only 30 Nm³/h of air but generates a volume of 474 Nm³/h at the exit.

The **air amplifiers** installed on the **Amplifier Air knives** or **Cooling Air knife** Mod. AS03 are the **air amplifiers** AM20



Air consumption at 5.5 Bar	45Nm³/h
Air flow at outlet	711Nm³/h
Sound level at 5 Bar	64dB(A)
Material	Hardened anodized aluminum
Shims	Stainless Steel
Dimensions	305 mm x 70 mm x 10 mm
Back connection	1/2" x 1
Side connections	1/2" x 2
Max operating pressure	7 Bar
Applications	Blow off and vacuum
Meets the OSHA directives	Yes
Meet the EU machine directives	Yes

AMPLIFIER AIR KNIFE AS03S

Our Amplifier Air knives or Cooling Air knives "AS" are available with 2, 3 or 4 air amplifiers, hard anodized aluminum or stainless steel 304. Our Amplifier Air knives or Cooling Air knives use the "coanda effect" which entrains a large amount of surrounding air using only a small amount of compressed air going into the air amplifiers. The effect is an amplification of up to 17 times the airflow or more (depending on the size of the air amplifiers) with reduced noise levels. The Amplifier Air knives or Cooling Air knives model AS02 use only 30 Nm³/h of air but generates a volume of 474 Nm³/h at the exit. The air amplifiers installed on the Amplifier Air knives or Cooling Air knife Mod. AS03 are the air amplifiers AM20



Air consumption at 5.5 Bar

45Nm³/h

Air flow at outlet

711Nm³/h

Sound level at 5 Bar

67dB(A)

Material

Stainless Steel 304

Shims

Stainless Steel

Dimensions

305 mm x 70 mm x 10 mm

Back connection

1/2" x 2

Side connections

1/2" x 2

Max operating pressure

7 Bar

Applications

Blow off and vacuum

Meets the OSHA directives

Yes

Meet the EU machine directives

Yes

AMPLIFIER AIR KNIFE AS04

Our **Amplifier Air knives** or **Cooling Air knives** "AS" are available with 2, 3 or 4 **air amplifiers**, hard anodized aluminum or stainless steel 304.

Our **Amplifier Air knives** or **Cooling Air knives** use the “coanda effect” which entrains a large amount of surrounding air using only a small amount of compressed air going into the **air amplifiers**. The effect is an amplification of up to 17 times the airflow or more (depending on the size of the **air amplifiers**) with reduced noise levels.

The **Amplifier Air knives** or **Cooling Air knives** model AS02 use only 30 Nm³/h of air but generates a volume of 474 Nm³/h at the exit.

The **air amplifiers** installed on the **Amplifier Air knives** or **Cooling Air knife** Mod. AS04 are the **air amplifiers** AM20



Air consumption at 5.5 Bar	60 Nm³/h
Air flow at outlet	948Nm³/
Sound level at 5 Bar	70dB(A)
Material	Hardened anodized aluminum
Shims	Stainless Steel
Dimensions	405 mm x 70 mm x 10 mm
Back connection	1/2" x 1
Side connections	1/2" x 2
Max operating pressure	7 Bar
Applications	Blow off and vacuum
Meets the OSHA directives	Yes
Meet the EU machine directives	Yes

AMPLIFIER AIR KNIFE AS04S

Our Amplifier Air knives or Cooling Air knives "AS" are available with 2, 3 or 4 air amplifiers, hard anodized aluminum or stainless steel 304. Our Amplifier Air knives or Cooling Air knives use the "coanda effect" which entrains a large amount of surrounding air using only a small amount of compressed air going into the air amplifiers. The effect is an amplification of up to 17 times the airflow or more (depending on the size of the air amplifiers) with reduced noise levels. The Amplifier Air knives or Cooling Air knives model AS02 use only 30 Nm³/h of air but generates a volume of 474 Nm³/h at the exit. The air amplifiers installed on the Amplifier Air knives or Cooling Air knife Mod. AS04 are the air amplifiers AM20



Air consumption at 5.5 Bar	60Nm³/h
Air flow at outlet	948Nm³/h
Sound level at 5 Bar	70dB(A)
Material	Stainless Steel 304
Shims	Stainless Steel
Dimensions	405 mm x 70 mm x 10 mm
Back connection	1/2" x 2
Side connections	1/2" x 2
Max operating pressure	7 Bar
Applications	Blow off and vacuum
Meets the OSHA directives	Yes
Meet the EU machine directives	Yes