

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