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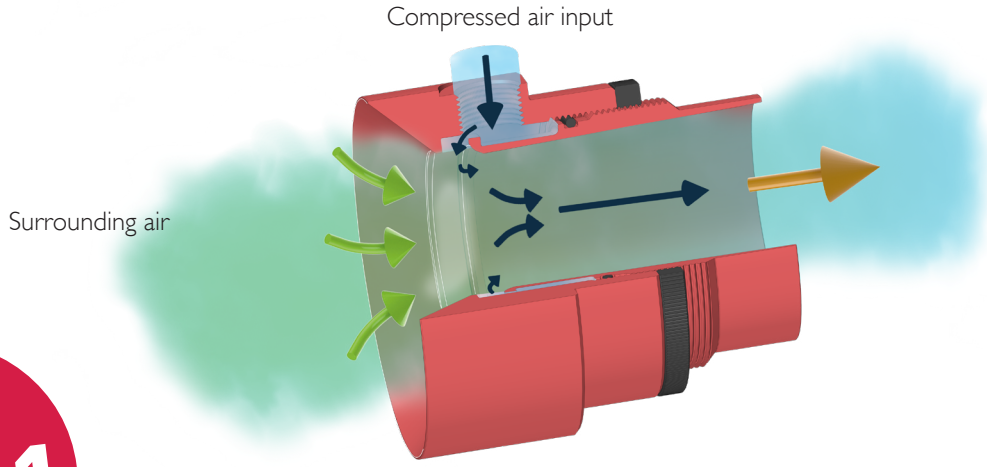
AA 025
TECHNICAL SHEET
AIR AMPLIFIERS

OPERATING PRINCIPAL



RATIO UP TO 15/1

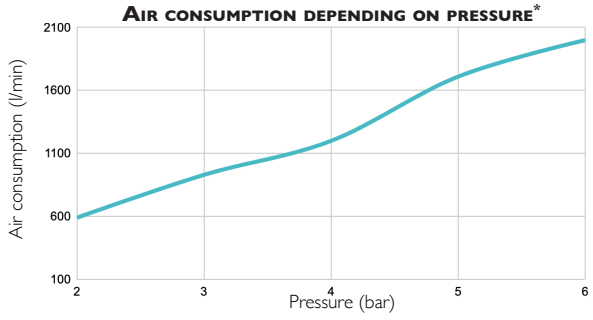
TECHNICAL INFORMATION*

BENEFITS OF USING AA 025 AIR AMPLIFIER*	Pressure (bar)	Air consumption (l/min)	Noise level (dB)	Aspirated surrounding air (l/min)	Amplified blowing (l/min)
	6	2000	90	**3350**	**28670**

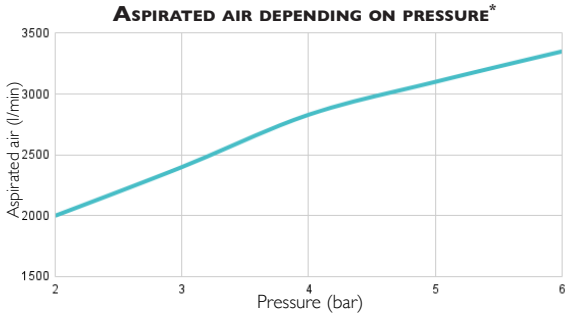
AA 025 AIR AMPLIFIERS FEATURES*

• **Connection :** 2x Female G3/8" • **Inside Ø :** 57mm • **Weight :** Aluminium : 550g / Stainless steel 316 L : 1615g
• **Max. operating temperature :** Aluminium : 150°C / Stainless steel 316 L : 450°C • **Max pressure :** 10 bars

AIR CONSUMPTION DEPENDING ON PRESSURE*



ASPIRATED AIR DEPENDING ON PRESSURE*



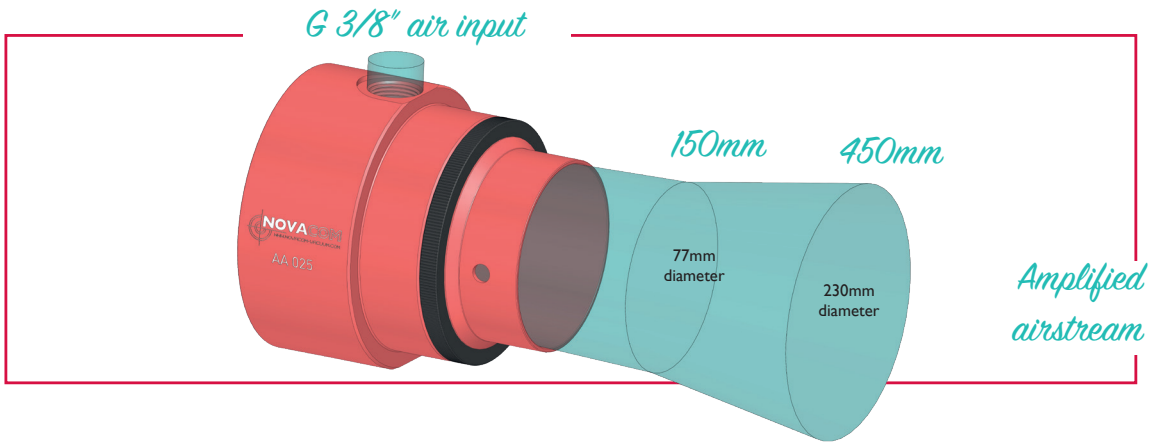
*** NOTE:** The measurements in this data sheet have been obtained in a laboratory **under strict control**. The varying conditions of a real industrial environment and the instability of pressure from an industrial compressor can create different values than the ones obtained in a laboratory. Those data are provided for information purposes only.

To achieve the best performance from the air amplifiers, we recommend using a compressed air supply tube with a minimum 12 mm inside diameter.

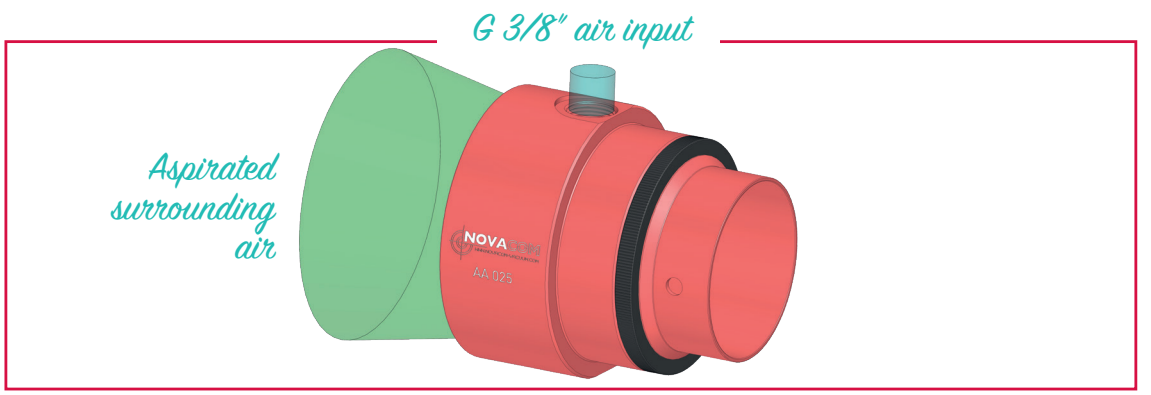
The amplificated air value uses the Boyle-Mariotte law. The pressurized air has a less important volume than the expanded air and is translated by the formula: P1xV1=P2xV2
In our case V1= consummed air + aspirated air

EXAMPLES OF DIFFERENT APPLICATIONS OF THE AIR AMPLIFIER

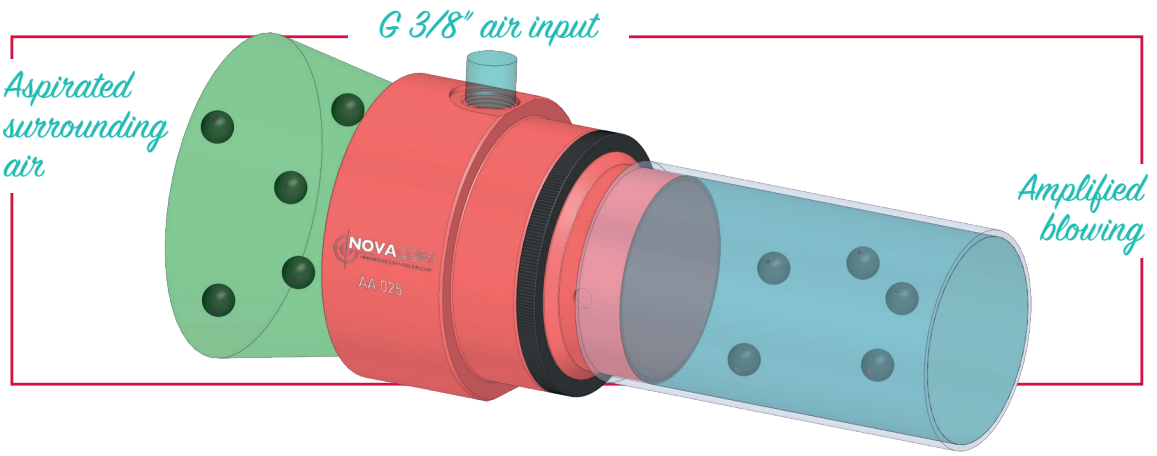
BLOWING



AIR EXTRACTION



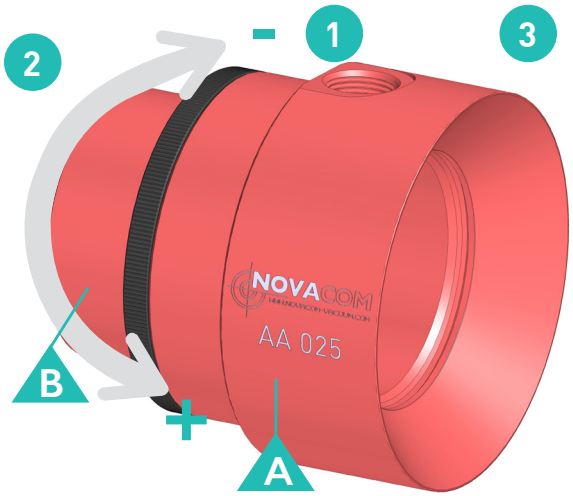
TRANSPORTATION SUCTION



SETTINGS OF AIR AMPLIFIER

STEPS: for a factory setting

A Unscrew the locknut 1
B Screw the counter-nozzle 2 inside the air amplifier's body 3 then unscrew the counter-nozzle 2 of approximately an eighth of a turn.
Once the required setting is obtained, screw back 1

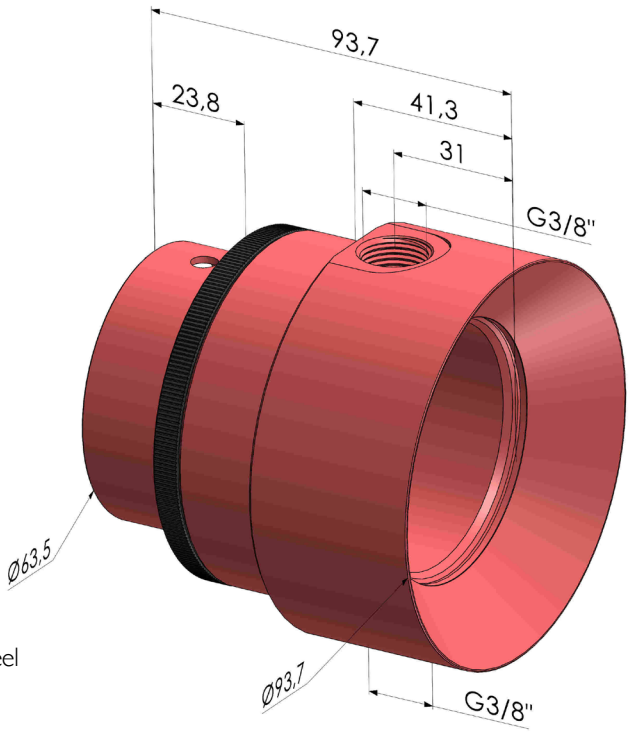


1 Locknut AA 025 CONTRE ECROU
2 Counter-nozzle AA 025 CON/BUSE
3 Body AA 025 CORPS

RECOMMENDATIONS

It is best not to use elbow fittings for the supply of compressed air on this product, as you may encounter power losses.

DIMENSIONS



AA 025 Anodized aluminium
AA 025 ACI 316L Stainless steel

The values are given in millimeters