

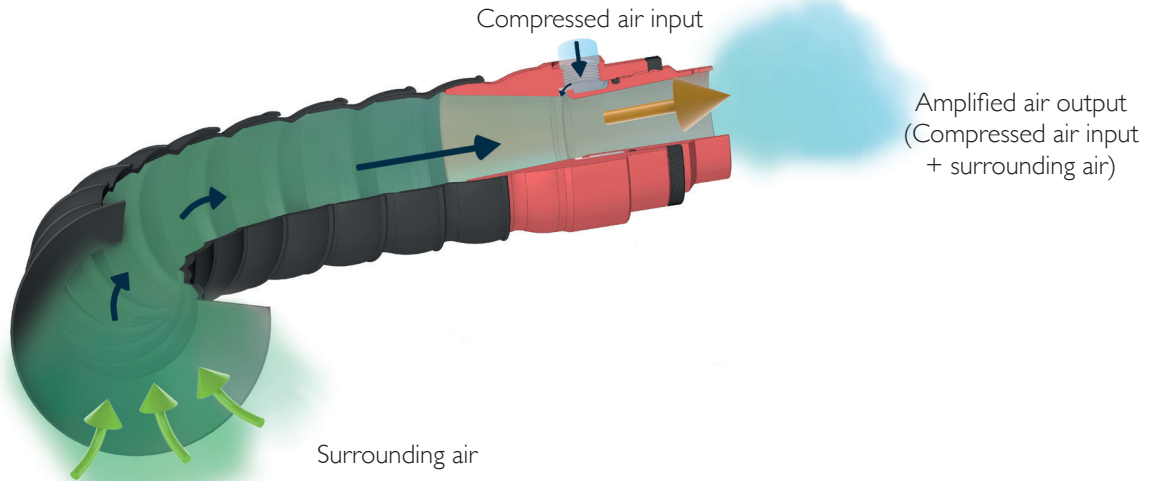
AA 015 TO

TECHNICAL SHEET

AIR AMPLIFIERS



OPERATING PRINCIPAL



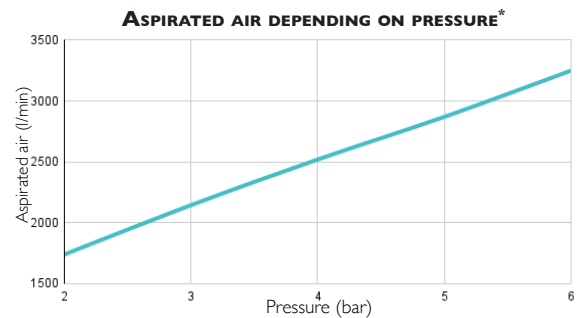
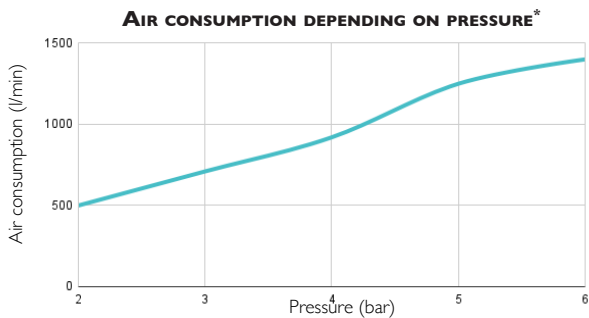
**RATIO
UP TO
15/1**

TECHNICAL INFORMATION*

BENEFITS OF USING AA 015 TO AIR AMPLIFIER*	Pressure (bar)	Air consumption (l/min)	Noise level (dB)	Aspirated surrounding air (l/min)	Amplified blowing (l/min)
		6	1400	87	3300

AA 015 TO AIR AMPLIFIERS FEATURES*

- **Connection** : Female G3/8" • **Inside Ø** : 41mm • **Weight** : Aluminium : 519g / Stainless steel 316 L : 1528g
- **Max. operating temperature** : Aluminium : 150°C / Stainless steel 316 L : 450°C • **Max pressure** : 10 bars



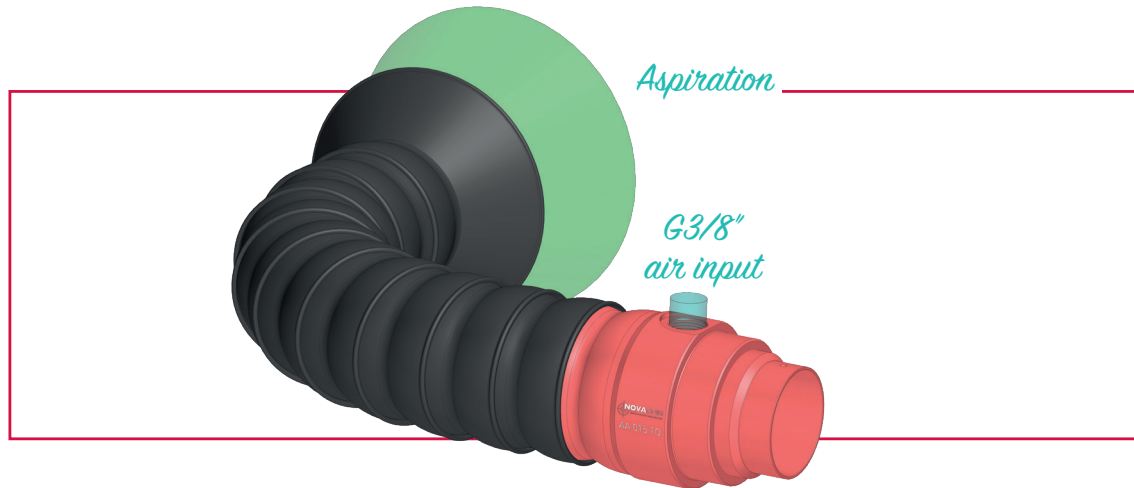
* **NOTE:** The measurements in this data sheet have been obtained in a laboratory under strict control. The varying conditions of a real industrial environment and the instability of pressure from an industrial compressor can create different values than the ones obtained in a laboratory. Those data 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 8 mm inside diameter.

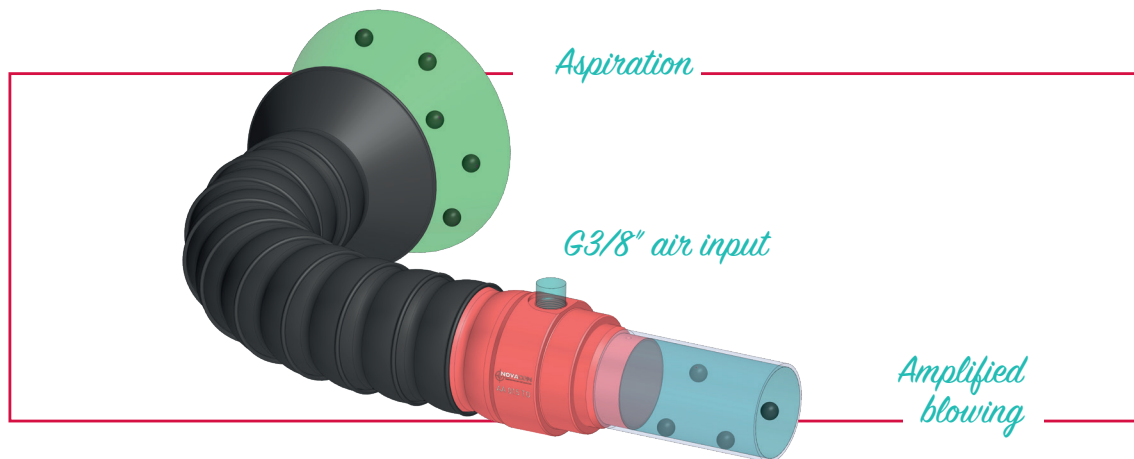
The amplified air value uses the Boyle-Mariotte law. The pressurized air has a less important volume than the expanded air and is translated by the formula: $P1 \times V1 = P2 \times V2$
In our case $V1 =$ consumed air + aspirated air

EXAMPLES OF DIFFERENT APPLICATIONS OF THE AIR AMPLIFIER

SUCTION



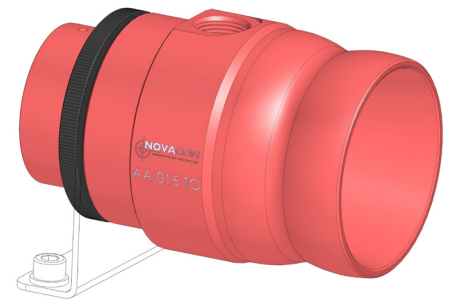
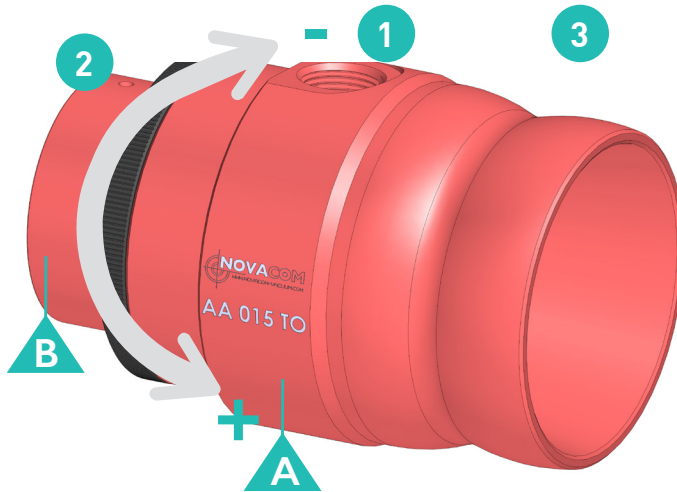
SUCTION WITH HOSE



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 the locknut **1**



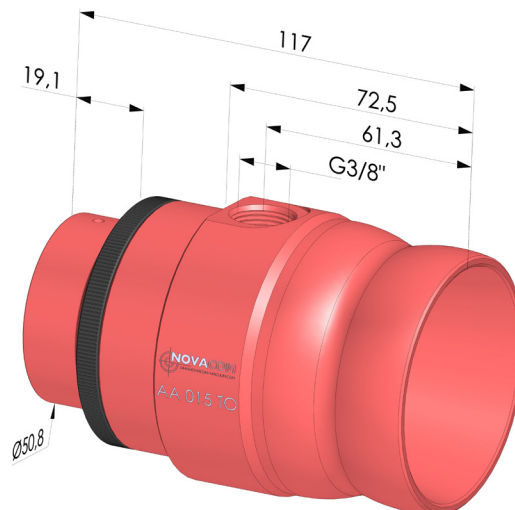
- 1** Locknut AA 015 TO CONTRE ECROU
- 2** Counter-nozzle AA 015 TO CON/BUSE
- 3** Body AA 015 TO CORPS

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

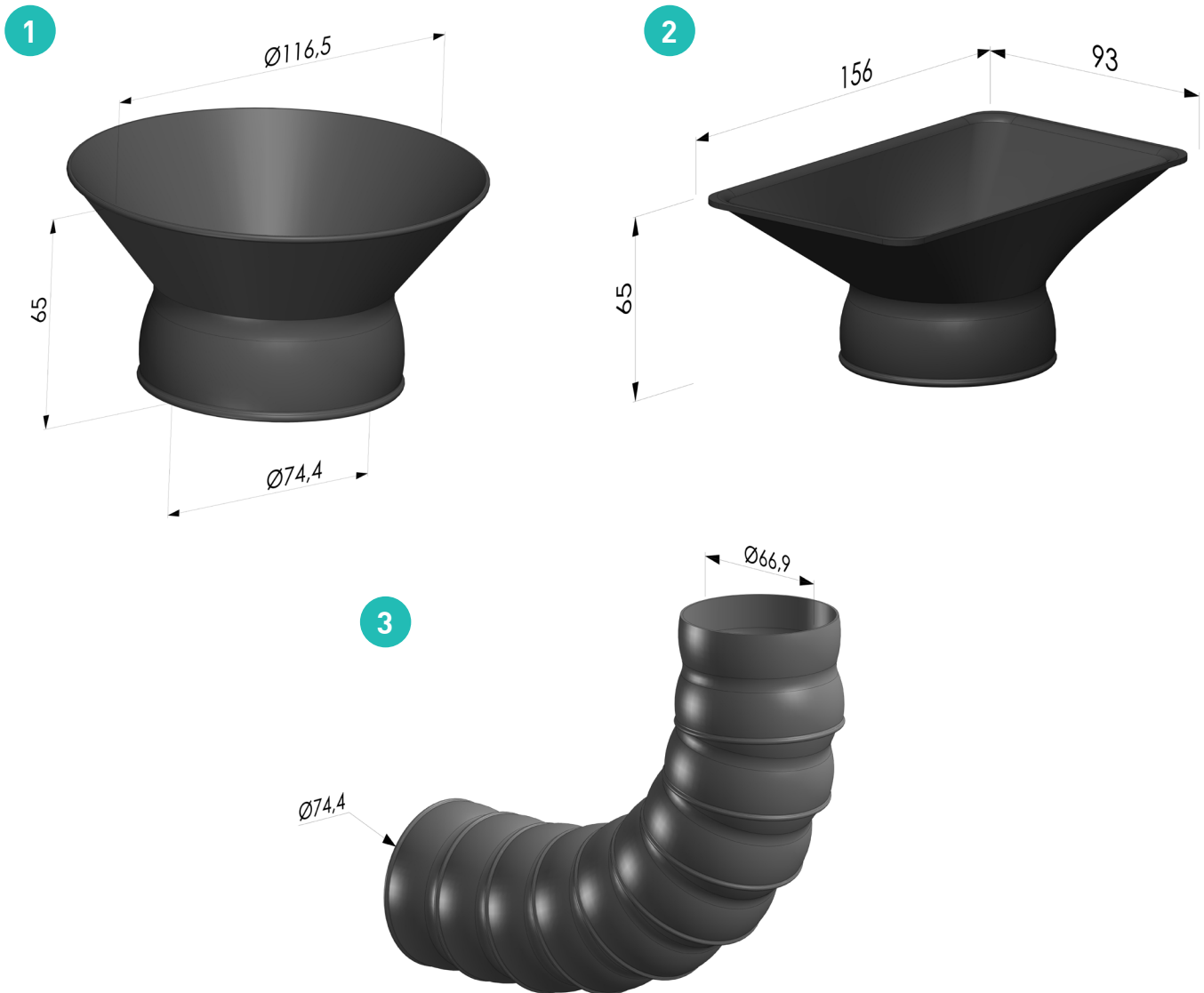


AA 015 TO ■ Anodized aluminium
AA 015 TO ACI ■ 316L Stainless steel

The values are given in millimeters

NOZZLE OPTIONS

It is possible to choose between a round nozzle **AA 015 TUB BRON** or a rectangular nozzle **AA 015 TUB BREC** to put at the end of the flexible tube.



The flexible tubes are made of black POM, a polyoxymethylene based thermoplastic material. This material is highly flammable and must be kept away from fire.

- 1 Round nozzle AA 015 TUB BRON
- 2 Rectangular nozzle AA 015 TUB BREC
- 3 Flexible tube