

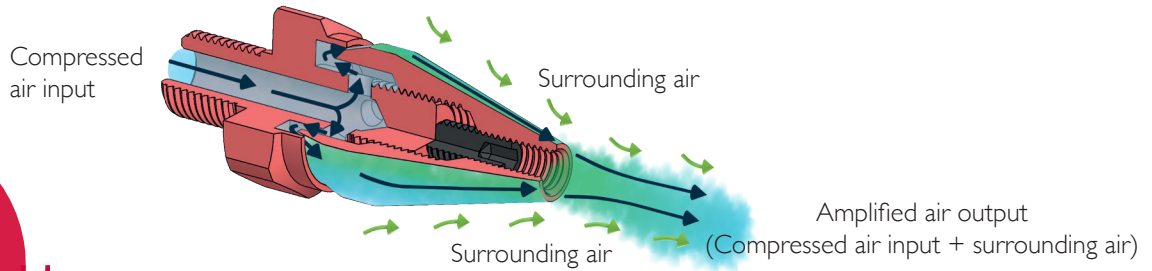
BS 12

TECHNICAL SHEET

AIR NOZZLES WITH INDIRECT ROUND AIRSTREAM



OPERATING PRINCIPAL



Economical

UP TO **71%** SAVINGS IN AIR CONSUMPTION

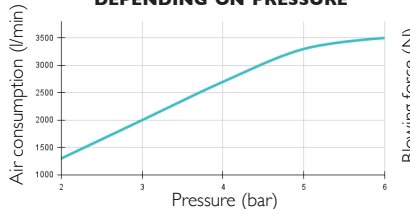
TECHNICAL INFORMATION*

BENEFITS OF USING A BS12 AIR NOZZLE *		Reduction in air consumption (%)		Noise reduction (%)		
(Compared to an open pipe Ø12)		Up to 71%		Up to 20%		
BLOWING PERFORMANCE BS12 NOZZLE*	Pressure (bar)	Air consumption (l/min)	Blowing force (N)		Noise level (dB)	Amplified air (l/min)
			at 150mm	at 450mm		
	2	1300	13	10	87,5	4650
6	3500	31,3	25,5	95	7360	
VS OPEN PIPE Ø12*	Pressure (bar)	Air consumption (l/min)	Noise level (dB)		Amplified air (l/min)	
	6	4450	110		4450	

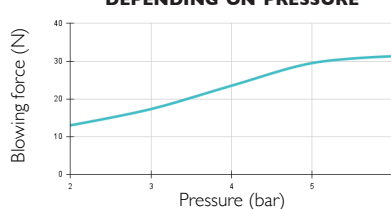
BS 12 NOZZLE FEATURES

- **Connection :** Male G1/2" • **Weight :** Aluminium : 130g / 316L Stainless steel : 390g
- **Max. operating temperature :** Aluminium : 150 °C / 316L Stainless steel : 450 °C • **Max pressure :** 10 bars

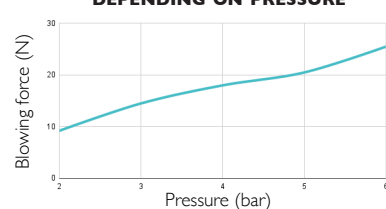
AIR CONSUMPTION DEPENDING ON PRESSURE*



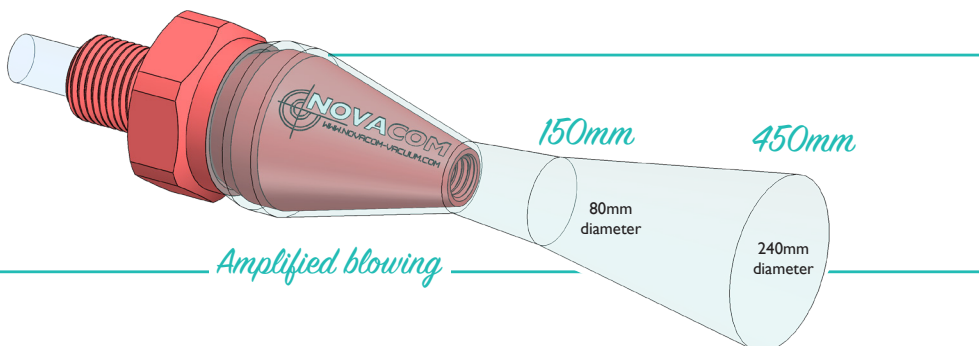
BLOWING FORCE AT 150 MM DEPENDING ON PRESSURE*



BLOWING FORCE AT 450 MM DEPENDING ON PRESSURE*



G 1/2" air input



* **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.

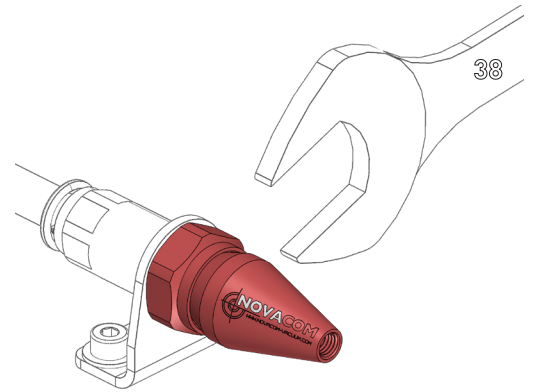
To achieve the best performance from the air nozzle, we recommend using a compressed air supply tube with a minimum 12 mm inside diameter.

ADJUSTMENT OF THE AIRFLOW

Warning: If the nozzle is too loosened (REP 2), the airflow will be inefficient.

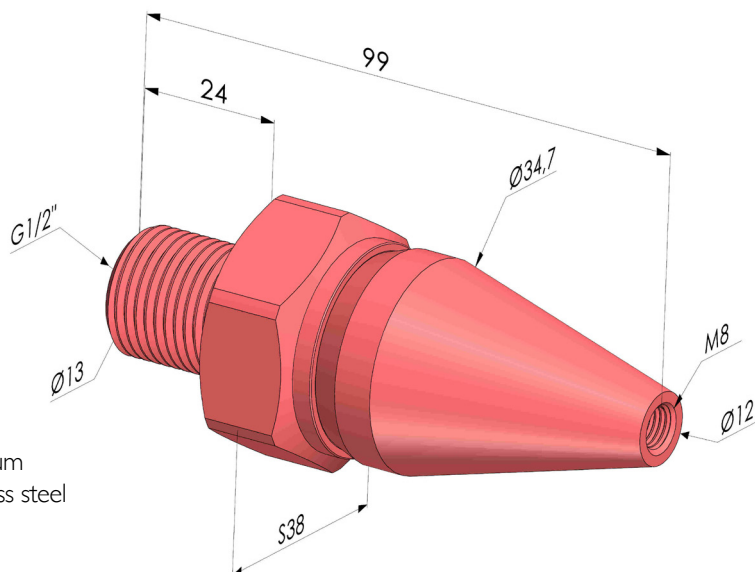
STEPS

- A** Unscrew the M5 screw (REP 3) with a 2.5mm hex wrench.
- B** Turn the nozzle anticlockwise (REP 2) with a maximum of 4 turns. The advised minimum adjustment is 1 turn. Once the airflow is adapted to your requirements, screw back in the M5 screw (REP 3).



- 1 Body
- 2 Nozzle
- 3 M5 screw

DIMENSIONS



BS 12 ■ Anodized aluminium
BS 12 ACI ■ 316L Stainless steel

Values are given in millimeters.