

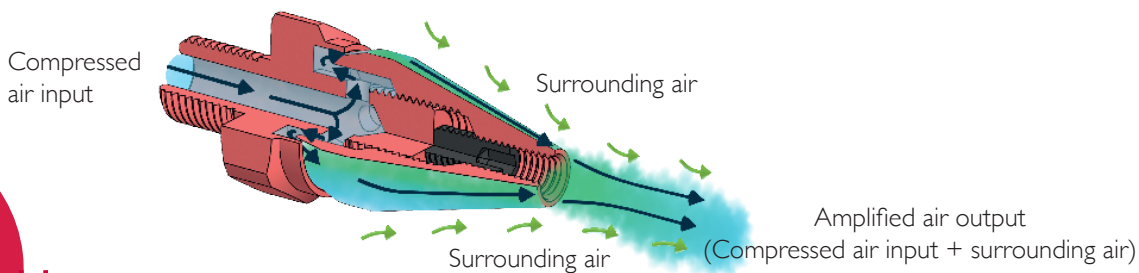
BS 18

TECHNICAL SHEET

AIR NOZZLES WITH INDIRECT ROUND AIRSTREAM



OPERATING PRINCIPAL



Economical

UP TO **80%** SAVINGS IN AIR CONSUMPTION

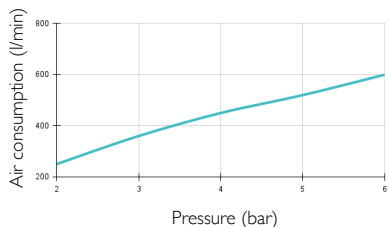
TECHNICAL INFORMATION*

BENEFITS OF USING A BS 18 AIR NOZZLE* (Compared to an open pipe)		Reduction in air consumption (%)		Noise reduction (%)		
		Up to 80%		Up to 40%		
BLOWING PERFORMANCE BS 18 NOZZLE*	Pressure (bar)	Air consumption (l/min)	Blowing force (N)		Noise level (dB)	Amplified air (l/min)
			at 150mm	at 450mm		
VS OPEN PIPE Ø5,5*	2	250	2,1	2,1	68	2190
	6	600	7,5	6,9	88	4080
	Pressure (bar)	Air consumption (l/min)	Noise level (dB)		Amplified blowing (l/min)	
	6	1200	110		1200	

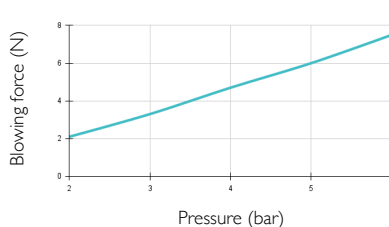
BS 18 NOZZLE FEATURES

- **Connection** : Male G1/8" • **Weight** : Aluminium : 15g / 316L Stainless steel : 45g
- **Max. operating temperature** : Aluminium : 150°C / Stainless steel : 450°C • **Max pressure** : 10 bars

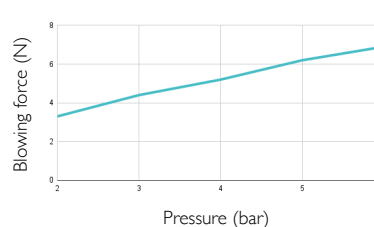
AIR CONSUMPTION
DEPENDING ON PRESSURE*



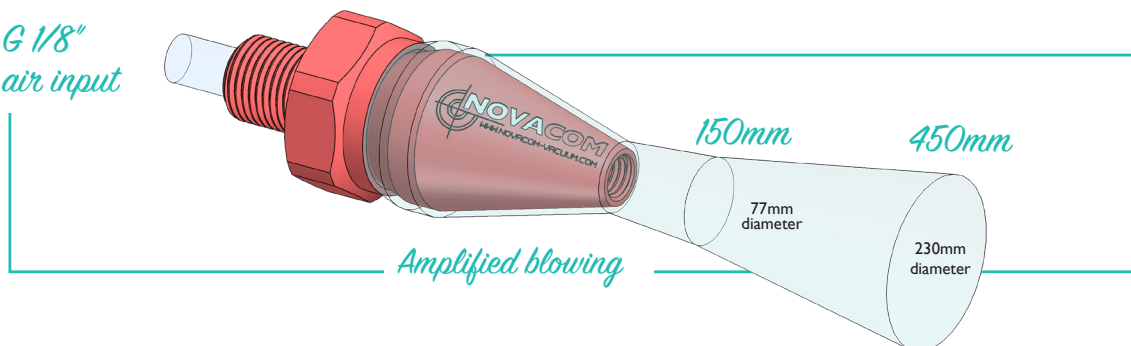
BLOWING FORCE AT 150 MM
DEPENDING ON PRESSURE*



BLOWING FORCE AT 450 MM
DEPENDING ON PRESSURE*



G 1/8" 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.

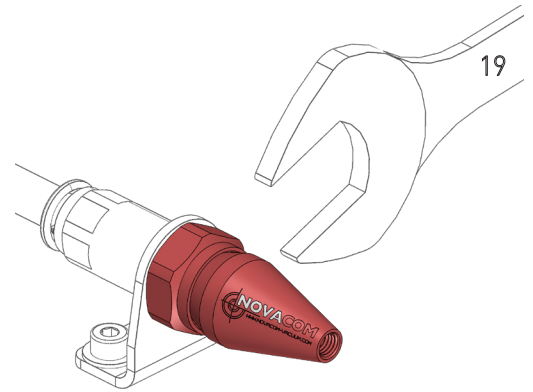
To achieve the best performance from the air nozzle, we recommend using a compressed air supply tube with a minimum 5,5 mm inside diameter.

ADJUSTMENT OF THE AIRFLOW

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

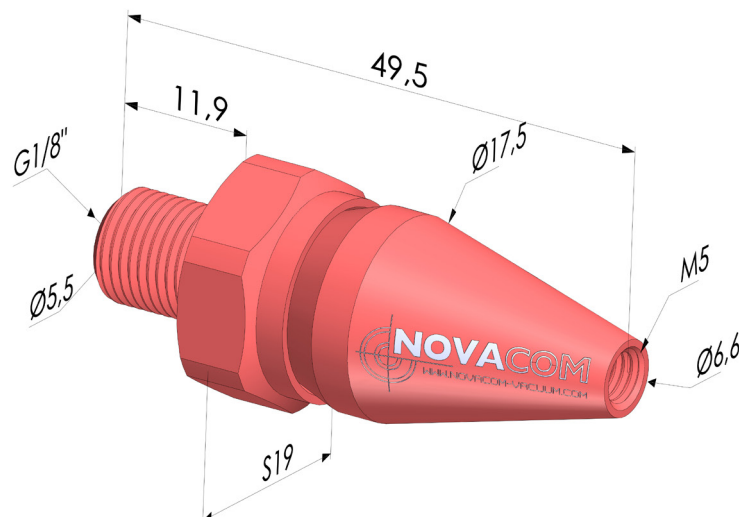
STEPS

- A** Unscrew the M5 screw **3** with a 2.5mm hex wrench.
- B** Turn the nozzle anticlockwise **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 **3**.



- 1** Body
- 2** Nozzle
- 3** M5 screw

DIMENSIONS



- BS 18** ■ Anodized aluminium
BS 18 ACI ■ 316L Stainless steel

Values are given in millimeters.