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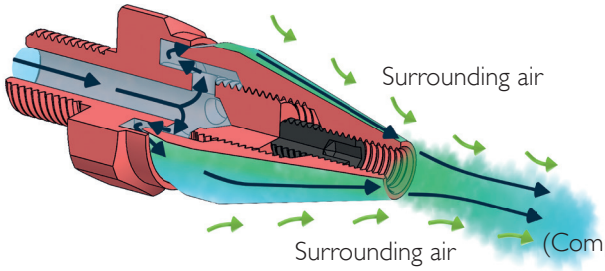
BS 14
TECHNICAL SHEET
AIR NOZZLES WITH
INDIRECT ROUND AIRSTREAM

OPERATING PRINCIPAL

Economical

UP TO **79%** SAVINGS IN AIR CONSUMPTION



TECHNICAL INFORMATION*

BENEFITS OF USING A BS 14 AIR NOZZLE*
(Compared to an open pipe)

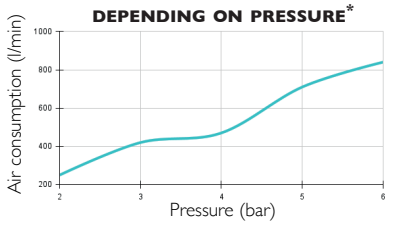
Reduction in air consumption (%)	Noise reduction (%)
Up to **79%**	Up to **31%**

BLOWING PERFORMANCE BS14 NOZZLE*	Pressure (bar)	Air consumption (l/mn)	Blowing force (N) at 150mm	Blowing force (N) at 450mm	Noise level (dB)	Amplified air (l/min)
	2	250	3,1	2,3	76	**2200**
	6	840	7,5	6,6	90	**4070**
VS						
OPEN PIPE Ø5,5*	**Pressure (bar)**	**Air consumption (l/mn)**			**Noise level (dB)**	**Amplified air (l/min)**
	6	1200			110	**1200**

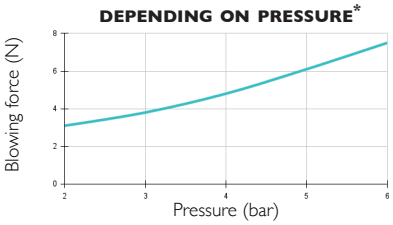
BS 14 NOZZLE FEATURES

• **Connection :** Male G1/4" • **Weight :** Aluminium : 19g / 316L Stainless steel : 50g
• **Max. operating temperature :** Aluminium : 150°C / 316L Stainless steel : 450°C • **Max pressure :** 10 bars

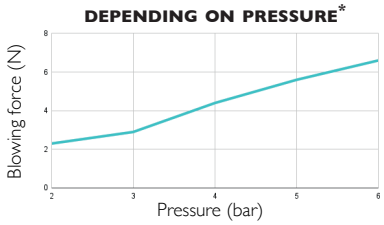
AIR CONSUMPTION DEPENDING ON PRESSURE*

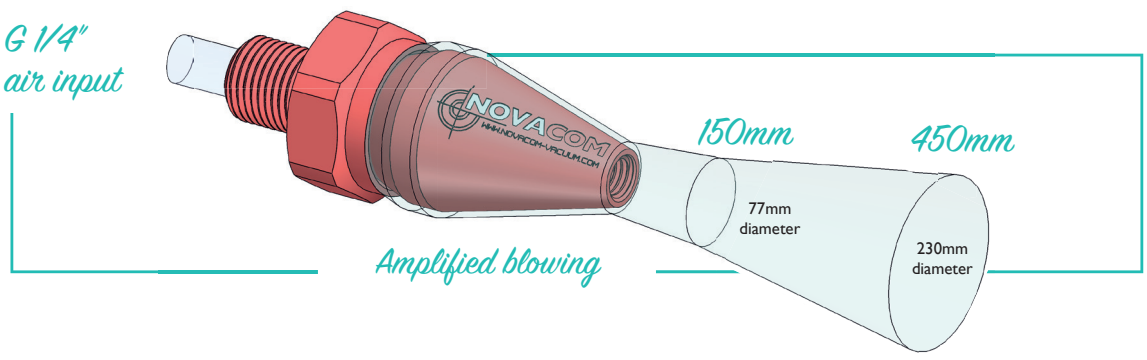


BLOWING FORCE AT 150 MM DEPENDING ON PRESSURE*



BLOWING FORCE AT 450 MM DEPENDING ON PRESSURE*





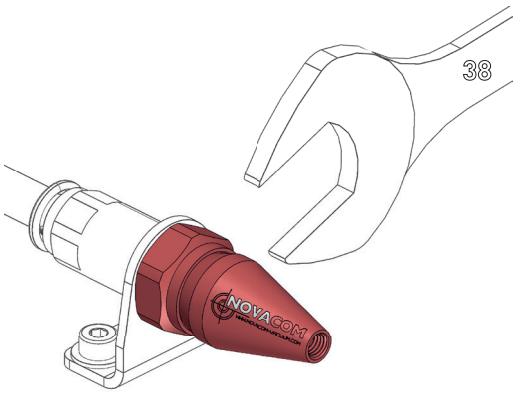
*** NOTE:** The measurements in this data sheet have been obtained in a laboratory **under strict control**. The varying conditions of a real industrial environment and the instability of pressure from an industrial compressor can create different values than the ones obtained in a laboratory. Those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

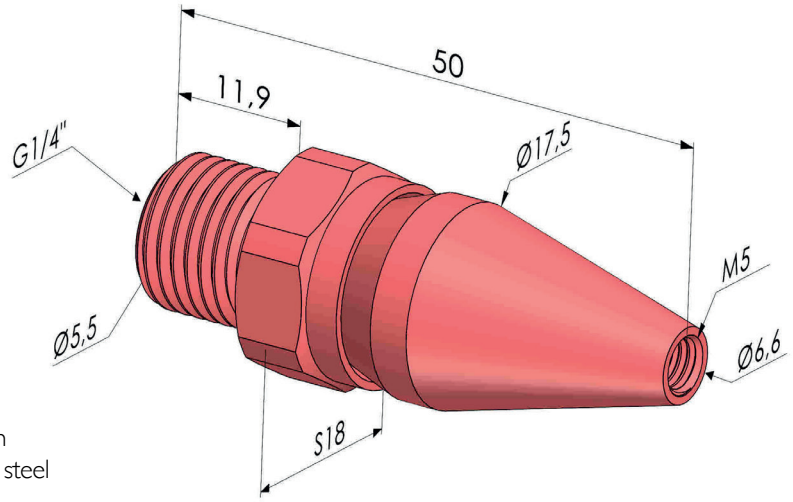
STEPS

A Unscrew the M5 screw (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 14 Anodized aluminium
BS 14 ACI 316L Stainless steel

Values are given in millimeters.