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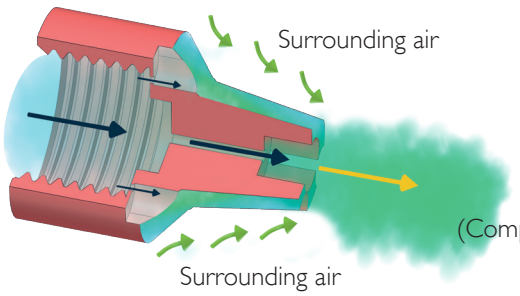
BS9 F12
TECHNICAL SHEET
AIR NOZZLES WITH
DIRECT ROUND AIRSTREAM

OPERATING PRINCIPAL

Booster
RATIO UP TO 25/1

Compressed air input



Amplified air output
(Compressed air input + surrounding air)

TECHNICAL INFORMATION*

BENEFITS OF USING A BS9 F12 AIR NOZZLE*
(Compared to an open pipe)

Increase of blowing force (%)	Noise reduction (%)
Up to **85%**	Up to **26%**

BLOWING PERFORMANCE BS9 F12 NOZZLE *	Pressure (bar)	Air consumption (l/min)	Blowing force (N) at 150mm	Blowing force (N) at 450mm	Noise level (dB)	Amplified blowing (l/min)
	6	970	12,1	10,5	81	**4720**

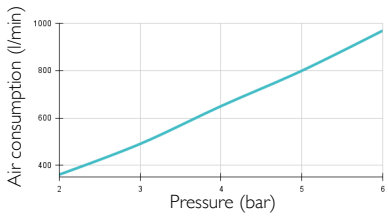
VS

OPEN PIPE Ø8*	Pressure (bar)	Air consumption (l/min)	Noise level (dB)	Amplified blowing (l/min)
	6	2550	110	**2550**

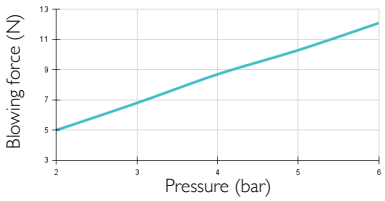
BS9 F12 NOZZLE FEATURES

• **Connection :** Female G1/2" • **Weight :** Aluminium : 12g / 316L Stainless steel : 28g
• **Max. operating temperature :** Aluminium : 150°C / 316L Stainless steel : 450°C • **Max pressure :** 10 bars

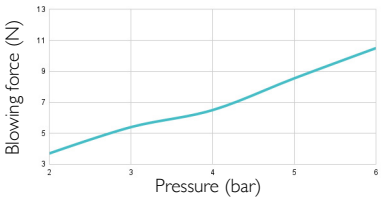
AIR CONSUMPTION DEPENDING ON PRESSURE*



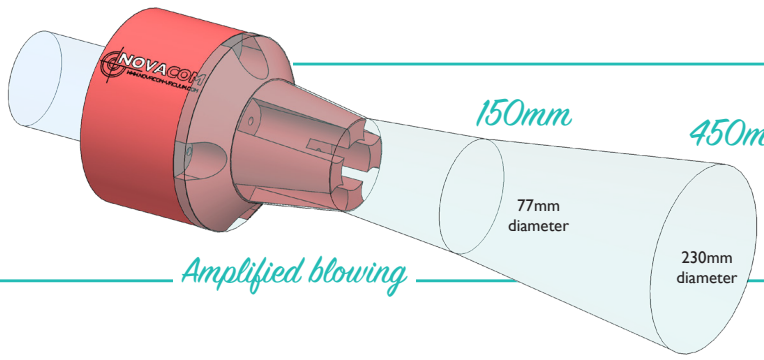
BLOWING FORCE AT 150 MM DEPENDING ON PRESSURE*



BLOWING FORCE AT 450 MM DEPENDING ON PRESSURE*



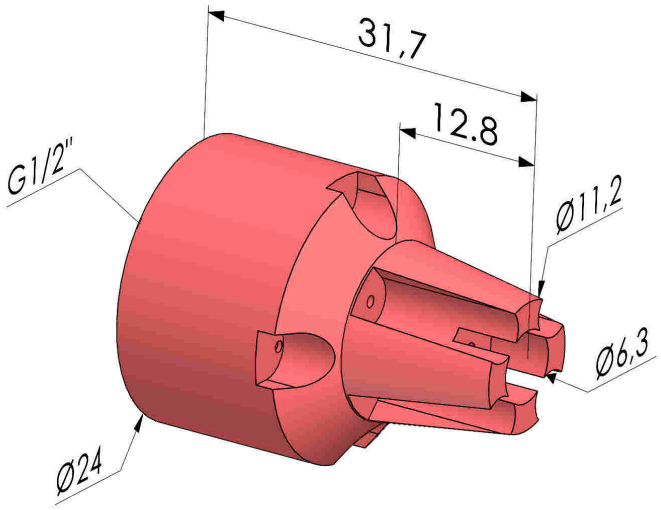
G 1/2» air input



Amplified blowing

*** 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 8 mm inside diameter.

DIMENSIONS



BS9 F12 Anodized aluminium
BS9 F12 ACI 316L Stainless steel

The values are given in millimeters