Since 1991

NOVACOM®

WWW.NOVACOM-VACUUM.COM

BS5 F14

TECHNICAL SHEET

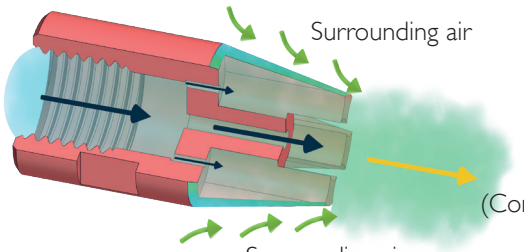
AIR NOZZLES WITH DIRECT ROUND AIRSTREAM

OPERATING PRINCIPAL

Booster

RATIO UP TO 25/1

Compressed air input



Surrounding air

Amplified air output
(Compressed air input + surrounding air)

Surrounding air

TECHNICAL INFORMATION*

BENEFITS OF USING A BS5 F14 AIR NOZZLE*
(Compared to an open pipe)

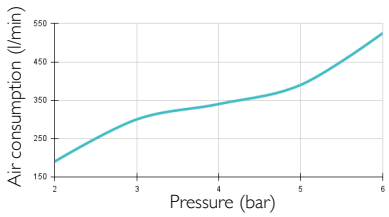
Increase of blowing force (%)	Noise reduction (%)
Up to **+67%**	Up to **-35%**

	Pressure (bar)	Air consumption (l/min)	Blowing force (N)		Noise level (dB)	Amplified blowing (l/min)
			at 150mm	at 450mm		
BLOWING PERFORMANCE BS5 F14 NOZZLE*	**6**	525	5	4,3	70	**3270**
VS						
OPEN PIPE Ø8*	**Pressure (bar)**	**Air consumption (l/min)**			**Noise level (dB)**	**Amplified blowing (l/min)**
	6	2550			108	**2550**

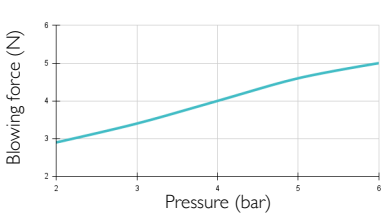
BS5 F14 NOZZLE FEATURES

• **Connection :** Female G1/4" • **Weight :** Aluminium : 9g / Stainless steel 316 L : 25g
• **Max. operating temperature :** Aluminium : 150°C / Stainless steel 316 L : 450°C • **Max pressure :** 10 bars

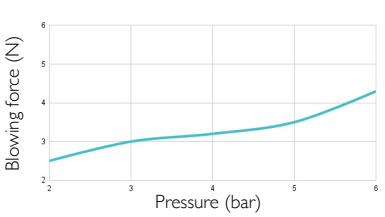
AIR CONSUMPTION DEPENDING ON PRESSURE*

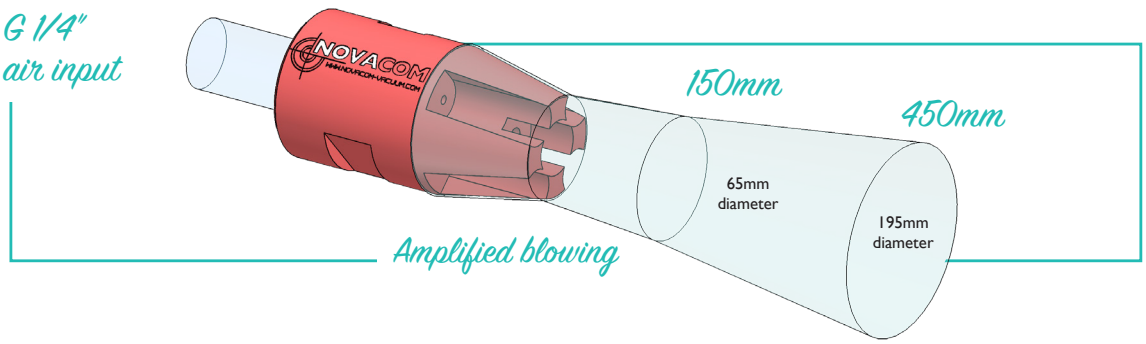


BLOWING FORCE AT 150 MM DEPENDING ON PRESSURE*



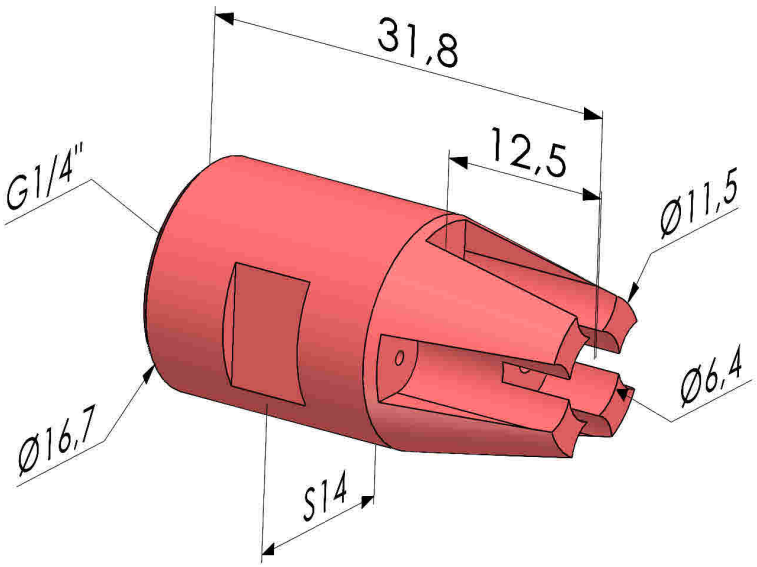
BLOWING FORCE AT 450 MM DEPENDING ON PRESSURE*





*** 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 8 mm inside diameter.

DIMENSIONS



BS5 F14 Anodized aluminium
BS5 F14 ACI 316L Stainless steel

The values are given in millimeters