

AIRMISER NOZZLES

Brauer Airmisers can be fitted either as part of a system or onto any hand held blow gun having a G $\frac{1}{8}$ female outlet. The airmiser gives a concentrated high velocity jet of air, the compressed airflow being magnified some 25 times or more. However this is achieved with minimal consumption.

Provide 30% to 50% more thrust than other nozzles at the same consumption of compressed air. All models induce ambient air in approximately 25 to 1 ratio providing much higher thrust. No Central Through Orifice, eliminates static pressure. Use for: Blow Guns, Cooling/Blowing, Parts Ejection, Drying. Smooth flow reduces noise to a minimum.

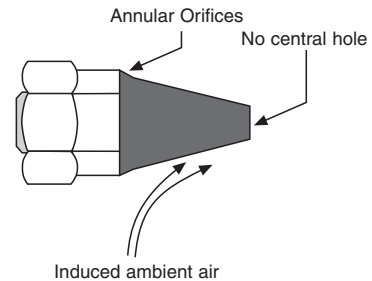
FOR MAXIMUM PERFORMANCE

Use clean air up to 10 Bar

Valves & fittings must be large enough to permit full flow.

Valves & fittings on lines feeding "Blow Hard" must have orifice size of at least 5.5mm diameter.

HIGH THRUST

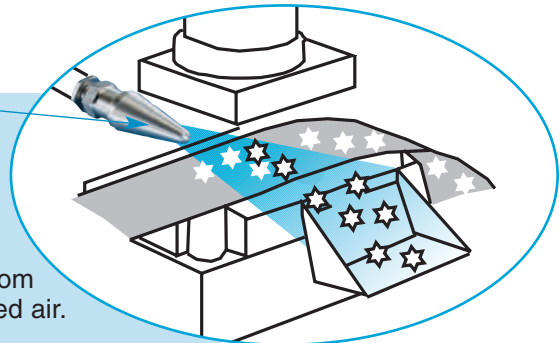


SOME TYPICAL APPLICATIONS - AIRMISER NOZZLES



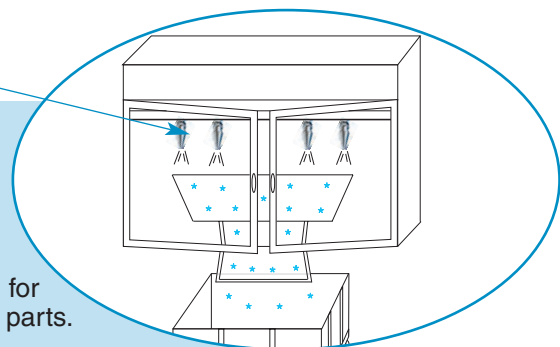
STAMPING

Careful placement of this Airmiser Nozzle ejects parts quickly from this stamping press whilst conserving compressed air.



MOULDING

The small size of an Airmiser nozzle with its instant on/off facility makes it ideal for moulding machines. It is used here for cooling and quick release of small parts.



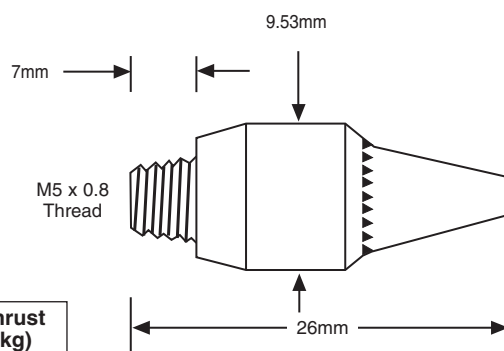
Airmiser nozzle cooling a hot spot in a plastic mould.



FOR BRAUER CLAMPING PRODUCTS PLEASE SEE THE BRAUER CLAMPING PRODUCTS CATALOGUE.



A1 AIRMISER NOZZLE



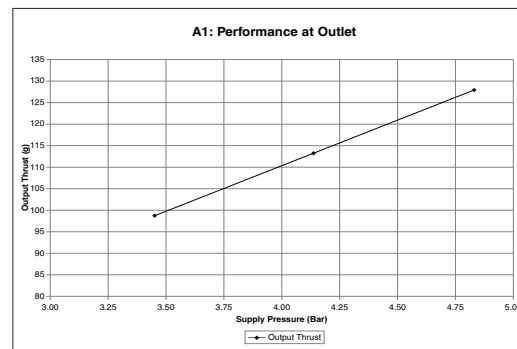
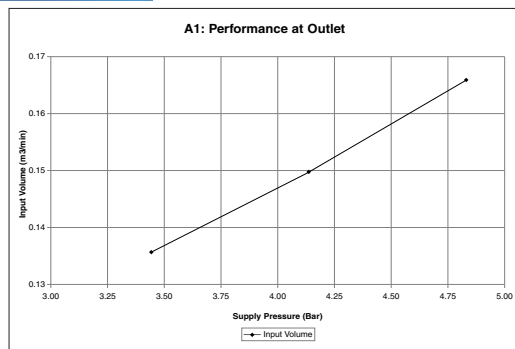
Bar	Vol in m ³ /min	Thrust (kg)
3.45	0.14	0.1
4.14	0.15	0.11
4.83	0.17	0.13

Material: Brass

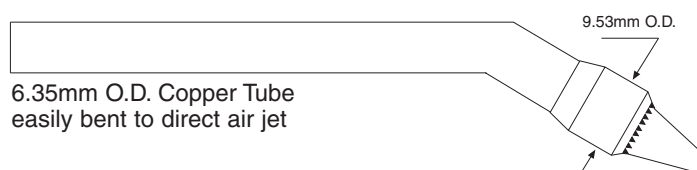
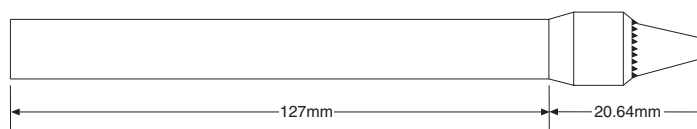
Weight: 0.007kg

dB(A) at: 5.5 bar is 68

Inlet Thread: G $\frac{1}{4}$ O.D.
Tube



A1L MINI AIRMISER NOZZLE WITH LONG COPPER TUBE



6.35mm O.D. Copper Tube
easily bent to direct air jet

Model MA brass with
copper tube

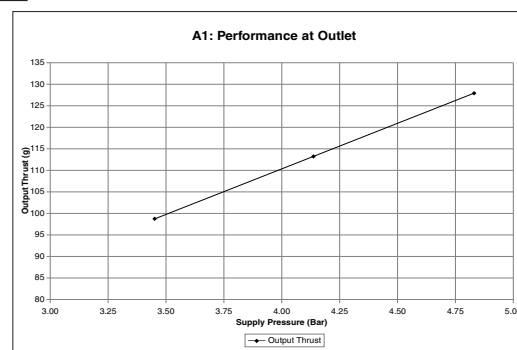
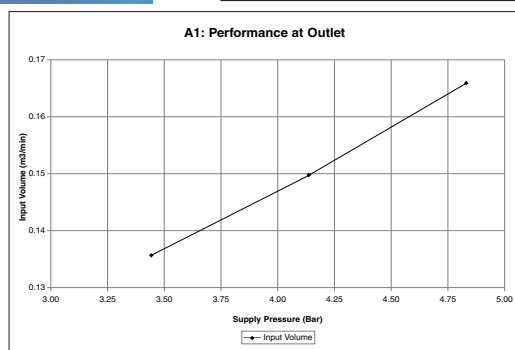
Bar	Vol in m ³ /min	Thrust (kg)
3.45	0.14	0.1
4.14	0.15	0.11
4.83	0.17	0.13

Material: Brass with
copper tube.

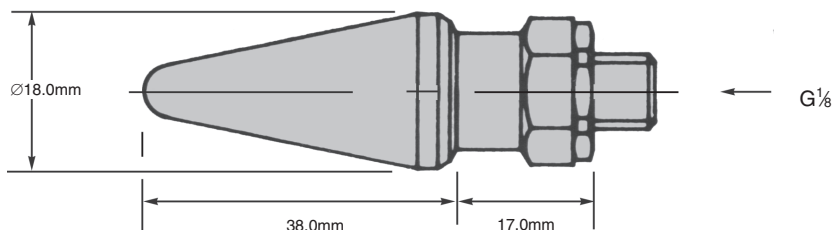
Weight: 0.023kg

dB(A) at: 5.5 bar is 68

Inlet Thread: G $\frac{1}{4}$ O.D.
Tube



STANDARD AIRMISER NOZZLE A2



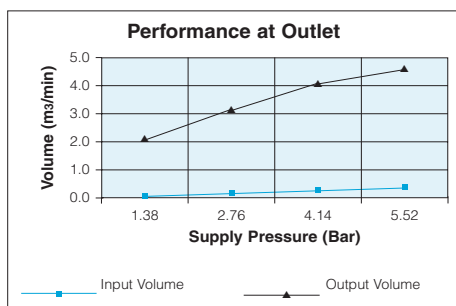
Material: Aluminium Alloy.

Weight: 0.025Kg

Standard Gap: 0.15mm

dB(A) at: 5.5 bar is 83

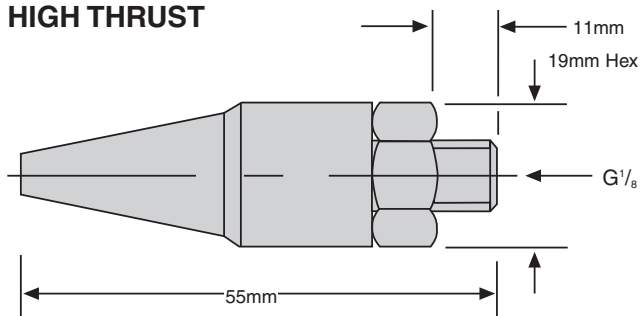
Inlet Thread: $G\frac{1}{8}$



Bar	Vol in m³/min	Vol out m³/min
1.38	0.125	2.265
2.76	0.212	3.256
4.14	0.300	4.106
5.52	0.391	4.672

ADJUSTABLE AIRMISER NOZZLE A3

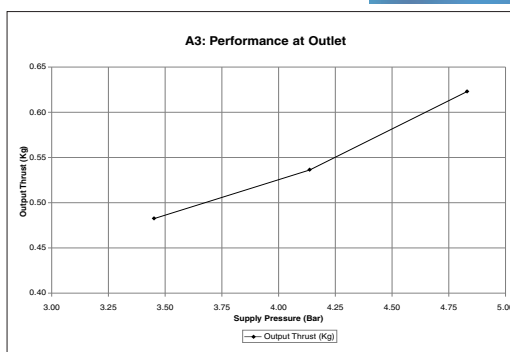
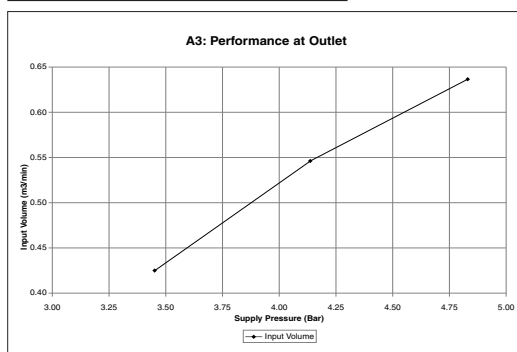
HIGH THRUST



Uses and Advantages

Infinitely adjustable.
Valves and regulators not required.

Bar	Vol in m³/min	Max thrust (kg)
3.45	0.43 max.	0.48
4.14	0.55 max.	0.54
4.83	0.64 max.	0.62



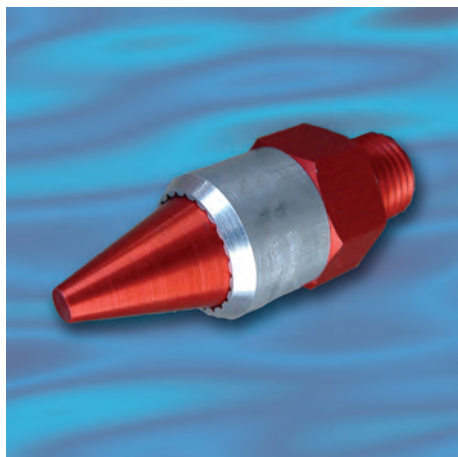
Material: Aluminium.

Weight: 0.025kg

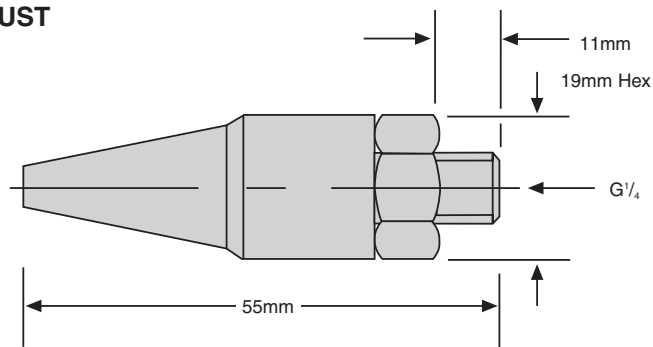
dB(A) at: 5.5 bar is 84

Inlet Thread: $G\frac{1}{8}$

A4 BLOWHARD AIRMISER NOZZLE



HIGH THRUST



Material: Aluminium.

Weight: 0.025kg

dB(A) at: 5.5 bar is 83

Inlet Thread: G $\frac{1}{4}$

Uses and Advantages

Heavy duty parts ejection. Cooling and drying. Economical and quiet.

Bar	Vol in m ³ /min	Thrust (kg)
3.45	0.43	0.38
4.14	0.52	0.45
4.83	0.61	0.52

