

# Airmiser Nozzles, Jets and Handguns



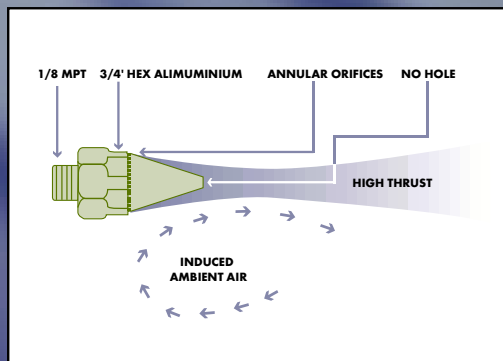
## A P P L I C A T I O N S

**BLOW OFF** Water  
Swarf  
Waste  
Cutting Fluid

**CLEANING** Components  
Conveyors  
Dust Removal  
Waste Removal

**COOLING** Components

**DRYING** Paint  
Coatings



HOW THE AIRMISER WORKS

The Airmiser uses a series of annular nozzles instead of a single hole to create a safer, more energy efficient, lower noise alternative to open tubes and pipes.

A small volume of compressed air is amplified up to 25 times by utilising the Coanda effect to induce a higher flow of ambient air into the air stream.

Because of the risk of serious injury from compressed air entering the bloodstream from single open pipes at high pressures, the multi-nozzle arrangement of the airmiser is designed to be much safer alternative.

Replacing open jets with airmisers will give significantly reduced air consumption and lower noise levels and in most cases it is a simple operation to install airmiser nozzles. Airmisers are suitable for use individually or in multiple arrays to create a much greater effect.

- No moving parts - means the airmiser is maintenance free
- Low air consumption means significantly lower running costs than open holes and pipes
- Quieter Operation (below 80 dB (A) at 1m) for an improved working environment
- Easily mounted onto existing installations

Airmiser jets use the proven technology from the Ringjets to create a high velocity flow where greater performance is required for blow off and cooling applications.



The Safety Hand Gun uses the same technology as the Airmiser but with the convenience of an ergonomic handle making it a useful general purpose blow off tool.

The Neublade is particularly suitable for paint drying applications in either hand held or stand mounted format.



## TECHNICAL INFORMATION - AIRMISER NOZZLES, JETS AND HANDGUNS

| PART NUMBER             | AIR INLET<br>BSP | AIR CONSUMPTION@5BAR |      | THRUST |     | NOISE<br>DB(A)@1M |
|-------------------------|------------------|----------------------|------|--------|-----|-------------------|
|                         |                  | SLPM                 | SCFM | N      | LBF |                   |
| <b>AIRMISER NOZZLES</b> |                  |                      |      |        |     |                   |
| BAMSA                   | 1/8"             | 225                  | 8    | 1.8    | 0.4 | 65                |
| BAMBH                   | 1/4"             | 566                  | 20   | 5.2    | 1.2 | 74                |
| BAMSASS                 | 1/8"             | 225                  | 8    | 1.8    | 0.4 | 65                |
| BAMBHSS                 | 1/4"             | 566                  | 20   | 5.2    | 1.2 | 74                |
| <b>AIRMISER JET</b>     |                  |                      |      |        |     |                   |
| BRJ6A                   | 1/8"             | 113                  | 4    |        |     | 70                |
| <b>SAFETY HAND GUN</b>  |                  |                      |      |        |     |                   |
| BAIRGUNS2               | 1/4"             | 170                  | 6    |        |     | 75                |



If you have special requirements, please call our technical support engineer who will be pleased to assist you.