

AFJ Series - Air Nozzle

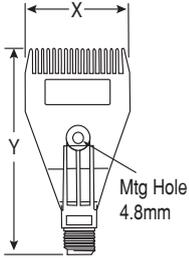


Nozzle Features

AFJ series air nozzle features a high impact, flat fan and conical distribution of compressed air and is available in durable ABS plastic or aluminium alloy. It produces a quiet, efficient, controlled distribution of compressed air. Plastic AFJ series air nozzle withstands temperatures of 77°C at 7 bar while the aluminium air nozzle withstands temperatures of 250°C and pressures up to 30 bar.



Performance Data



| NOZZLE CODE | INLET THREAD | FLOW RATES (LPM @ BarG) | | | | APPROX. DIMENSIONS | |
|--------------|--------------|-------------------------|-----|-----|-----|--------------------|--------|
| | (male) | 0.7 | 2.0 | 4.0 | 6.0 | X (mm) | Y (mm) |
| AFJ-FLAT-ABS | 1/4 | 190 | 350 | 580 | 800 | 48 | 90 |
| AFJ-FLAT-AL | 1/4 | 190 | 350 | 580 | 800 | 48 | 90 |
| AFJ-CONE-ABS | 1/4 | 180 | 350 | 580 | 810 | 20 | 48 |

Applications

- Drying
- Transfer
- Sorting
- Cooling

Ordering Example

1/4-AFJ-FLAT-ABS

Available Materials

ABS - Plastic & Aluminium

K1 Series - Air Nozzle



Nozzle Features

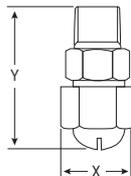
K1 series air nozzles produce a flat fan spray pattern of compressed air and are available in brass, 303ss and 316ss materials. K1 series are an economical and efficient blow off nozzle option where a uniform flat spray pattern is needed. Tips can be interchanged by removing a cap at any time.



Performance Data

| NOZZLE THREAD CONN. | | | NOZZLE CODE | AIR FLOW RATES (LPM @ BarG) | | | | OUTLET BORE WIDTH |
|---------------------|-----|-----|-------------|-----------------------------|-------|--------|--------|-------------------|
| 1/8 | 1/4 | 3/8 | | 1.0 | 2.0 | 4.0 | 7.0 | (mm) |
| ● | ● | ● | K1-AL38 | 21.0 | 38.0 | 65.0 | 102.0 | 0.2 |
| ● | ● | ● | K1-AP60 | 41.0 | 60.0 | 99.0 | 153.0 | 0.3 |
| ● | ● | ● | K1-AQ111 | 77.0 | 111.0 | 190.0 | 305.0 | 0.6 |
| ● | ● | ● | K1-AR198 | 132.0 | 198.0 | 345.0 | 540.0 | 1.1 |
| ● | ● | ● | K1-AU335 | 210.0 | 335.0 | 570.0 | 880.0 | 1.1 |
| ● | ● | ● | K1-AV700 | 430.0 | 700.0 | 1150.0 | 1725.0 | 2.3 |

Dimensions & Weights (Approx.)



| NOZZLE TYPE | X (mm) | Y (mm) | WEIGHT (gms) |
|-------------|--------|--------|--------------|
| 1/4" | 23 | 44 | 47 |
| 3/8" | 23 | 46 | 78 |
| 1/2" | 23 | 50 | 100 |

Applications

- Drying
- Transfer
- Sorting
- Cooling

Ordering Example

1/4-K1-SS-AQ111

Available Materials

Brass, 303ss, 316ss

* Other materials available on request