



THE
SPRAY NOZZLE
PEOPLE

UltiMist

Misting Nozzles



MISTING

DESIGN FEATURES

▼ **Metal:**

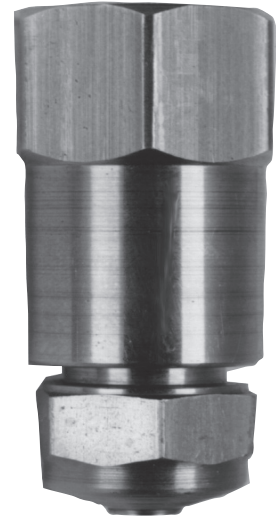
- 416 Stainless Steel tip
- Brass adapter
- 1/8" and 1/4" sizes
- Male or female connections
- Integral 100 mesh strainer

▼ **Plastic:**

- All plastic construction
- 1/8" male connection

SPRAY CHARACTERISTICS

- ▼ **Very fine, fog-like mist**
- ▼ **Produces high number of droplets under 60 microns**
- ▼ **Spray pattern: Hollow Cone**
- ▼ **Medium angle**
- ▼ **Flow rates: Metal - (1.5 - 61.1 L/hr)**
- ▼ **Plastic - (2.5 - 32.6 L/hr)**



The UltiMist is a misting nozzle that produces a fine fog spray pattern. The 416 stainless tip is hard wearing allowing for continual use at high pressures. It is also available in plastics. The UltiMist can be used in any application where small drop size is required including:

Moistening
Evaporative Cooling
Odour Control
And many more.

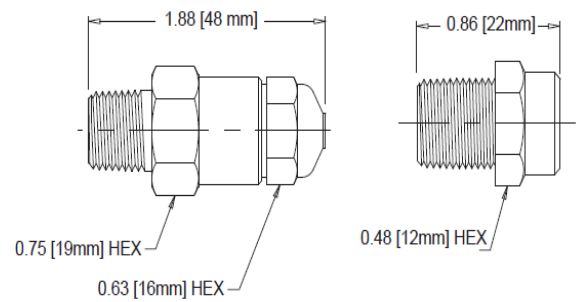
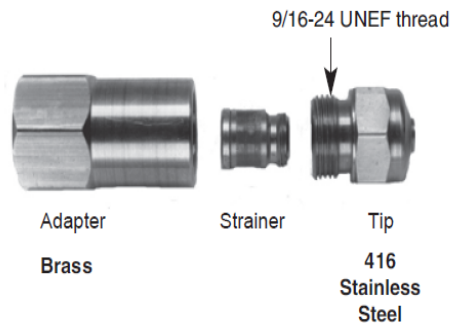
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www.spray-nozzle.co.uk

The Go-to People for spray nozzle solutions



Mist



UltiMist Metal Flow Rates

Hollow Cone, Medium Spray Angle, 1/8" and 1/4" Pipe Size
Standard Materials: 416 Stainless Steel tip, Brass adapter/body

NPT, BSP,
Male or
female
pipe size

Litres per hour at bar

Nozzle No	K Factor	3 bar	10 bar	40 bar	70 bar	80 bar
UM37M	0.84	1.5	2.7	5.3	7.1	7.5
UM50M	1.14	2	3.6	7.2	9.5	10.2
UM75M	1.71	3	5.4	10.8	14.3	15.3
UM100M	2.28	3.9	7.2	14.4	19.1	20.4
UM150M	3.42	5.9	10.8	21.6	28.6	30.6
UM200M	4.56	7.9	14.4	28.8	38.1	40.8
UM250M	5.7	9.9	18	36	47.7	51
UM300M	6.84	11.8	21.6	43.2	57.2	61.1

$$\text{Flow Rate (l/min)} = K \sqrt{\text{bar}}$$

Ask our technical sales engineers about additional products and services to optimise your spraying process.

Spray Calibration Solutions

Easy-to-use, fast measurement solutions to ensure accurate nozzle installation and maintenance, reduce water wastage and identify nozzle wear.



Spray Pattern & Droplet Distribution



Nozzle Flow Calibrators



Nozzle Cleaning Kit

Complete Spray Bars

Tailored nozzle selections and spray bar designs that integrate seamlessly with your new or existing setup.

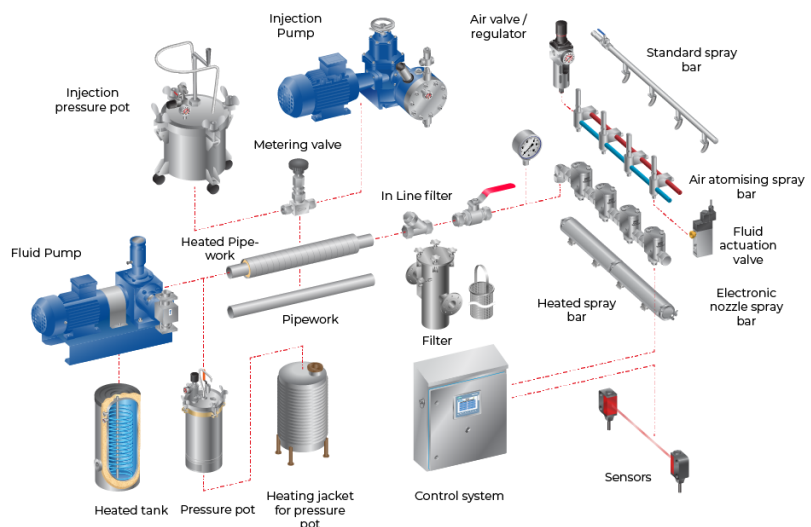
- ✓ Expert nozzle selection and placement
- ✓ Efficient spray coverage
- ✓ Fast turnaround time
- ✓ Reduced design burden
- ✓ High-quality spray bars



Complete Custom Spraying Systems

Complete spraying systems built around your goals and application.

- ✓ Tailored upstream components supplied individually or as part of complete system
- ✓ Custom pipework, pumps, tanks, sensors, valves, heating, control panels and more
- ✓ Seamless integration with existing processes
- ✓ Built to budget and ROI targets
- ✓ End-to-end support: design, install, maintain



THE GO-TO PEOPLE FOR SUCCESSFUL SPRAY ENGINEERING