Mistcool Liquid Spraying Systems
G¼

- **Combination of Filter-Regulator and 'Oil-Fog' or 'Micro-Fog' Lubricator**
- **Cools cutting tools and lubricates die faces and other surfaces**
- **Benefits include longer tool life, cleaner working areas, increased feed rates, swarf removal, reduced fluid consumption**
- **Solenoid valves and trip valves can be used to provide intermittent spraying**
- **Easily set up to spray from any angle**

Technical Data

Medium:
Compressed air only

Maximum Pressure:
10 bar

Operating Temperature:
–20˚C* to +50˚C
*Consult our Technical Service for use below +2˚C

Nominal Reservoir Capacity:
1 litre standard
0,2 litre, 8 litre and 20 litre optional

Oil Flow Delivery:
Above 25 cm^3/hour, 'Oil-Fog' models recommended
Below 25 cm^3/hour, 'Micro-Fog' models recommended

Units are supplied complete with pressure gauge

Port Size

G¼ to ISO 1179
Accepts ISO 228 (BS 2779) parallel or ISO 7 (BS 21) taper connectors

Alternative Models

Other port thread forms

Materials

Zinc alloy body. Aluminium alloy bowl (1 litre), transparent polycarbonate bowl (0,2 litre), steel reservoirs (8 litre and 20 litre). Synthetic rubber elastomeric materials.

Note: For Filter-Regulator specifications see page **8.7.**061.01.

Ordering Information

To order a standard Mistcool Liquid Spraying System, quote model number from tables overleaf.

For non-standard models please consult our Technical Service.

For your local Norgren Technical Sales Centre phone 0345 662266. For your local Norgren Distributor phone 0345 227777.
IMI Norgren Limited, PO Box 22, Eastern Avenue, Lichfield, Staffordshire WS13 6SB

Standard Mistcool Liquid Spraying Systems

1A ‘Oil-Fog’

Port Size	Oil Capacity	Lubricator	Connection	Model	Weight kg
G1/4	1 litre	10-003-998	18-006-998	**1A (C)**	3,62
G1/4	0,2 litre	10-002-998	18-006-998	**1A (B)**	2,14
G1/4	8 litre	10-003-997	18-006-920	**1A (E)**	14,40
G1/4	20 litre	10-003-996	18-006-866	**1A (F)**	30,18

3A ‘Micro-Fog’

Port Size	Oil Capacity	Lubricator	Connection	Model	Weight kg
G1/4	1 litre	10-015-994	18-006-998	**3A (C)**	3,80
G1/4	0,2 litre	10-015-995	18-006-998	**3A (B)**	2,14
G1/4	8 litre	10-015-996	18-006-920	**3A (E)**	14,34
G1/4	20 litre	10-015-993	18-006-866	**3A (F)**	31,78

All Mistcool units are supplied complete with Filter-Regulator, reference B11-200-M3MD.

Non-standard Models

For other options, please consult our Technical Service.

Accessories

Bracket Kits for 0,2 litre and 1 litre models, see page **8.8.**191.04.

Nozzle single spray, reference 18-009-029. Multiple spray, reference 18-009-034. Fan spray, reference 1057-03.

Nozzle Mistcool reclassifier x 300 mm long, reference 18-009-971.

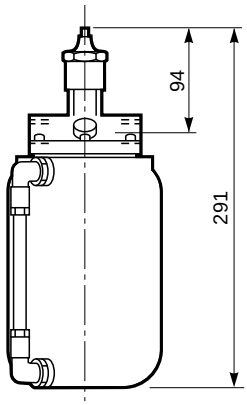
Aerosol distributor, reference 18-005-002.

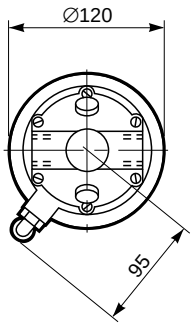
Aerosol distributor and elbow assembly, reference 18-005-999.

Streamline wye, reference 18-006-987.

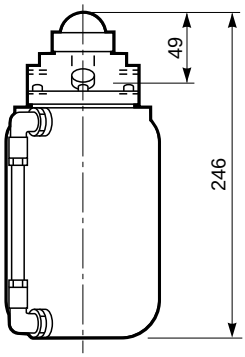
Standard 1 litre Reservoirs

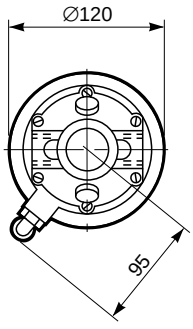
1A ‘Oil-Fog’





3A ‘Micro-Fog’





1A ‘Oil-Fog’

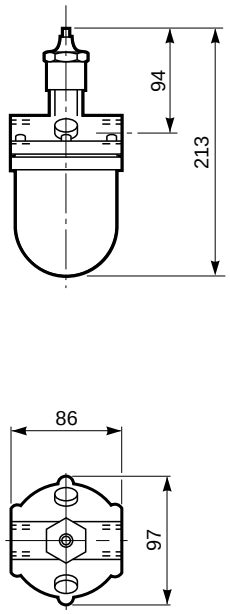
1A (C) G1/4

3A ‘Micro-Fog’

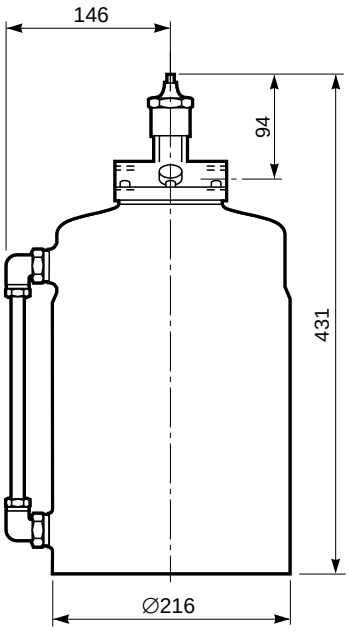
3A (C) G1/4

1A ‘Oil-Fog’ Reservoirs

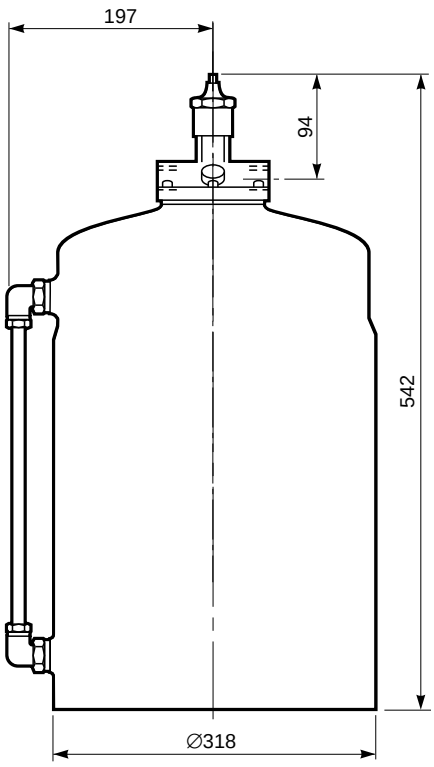
0,2 litre



8 litre

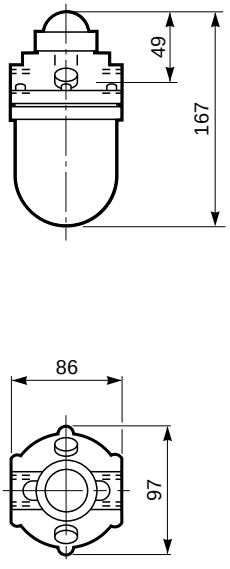


20 litre

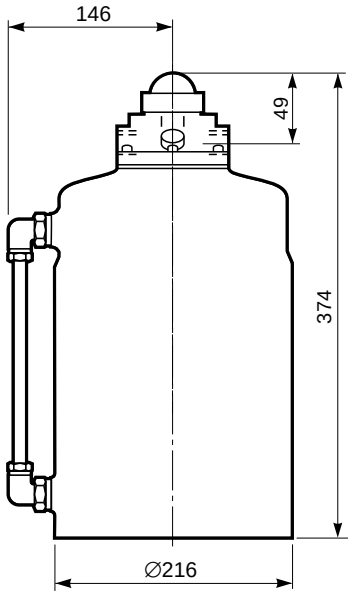


3A ‘Micro-Fog’ Reservoirs

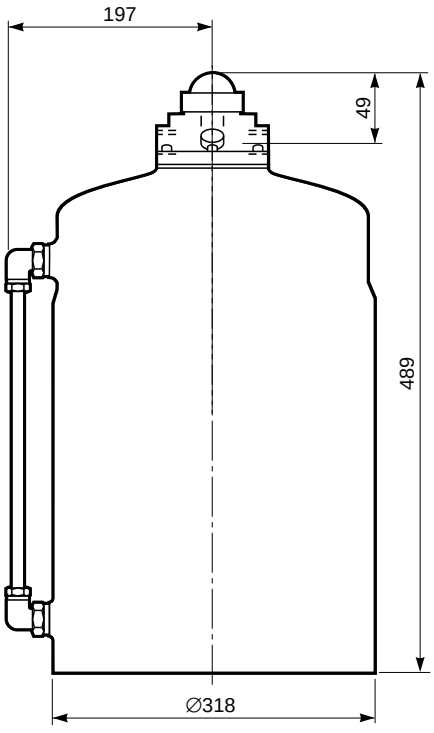
0,2 litre



8 litre



20 litre



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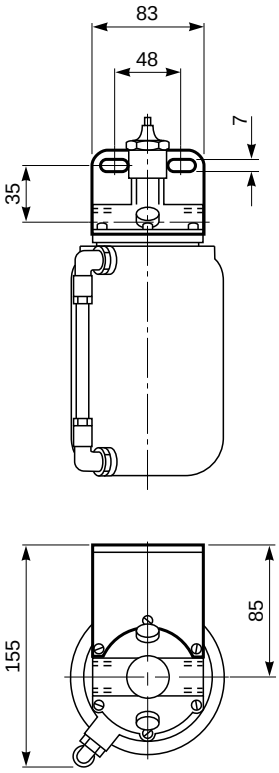
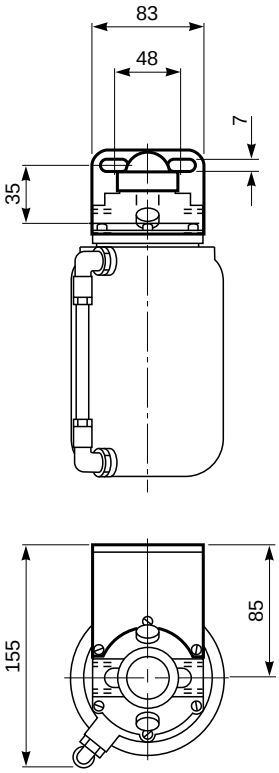
Bracket Mounting - 1 litre models

Oil-Fog



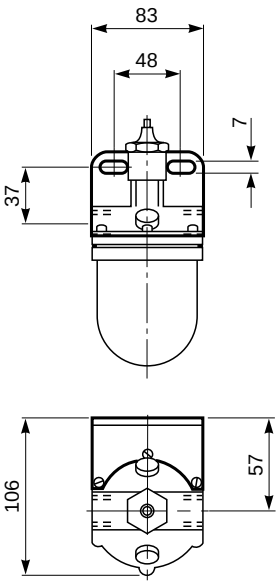
Micro-Fog



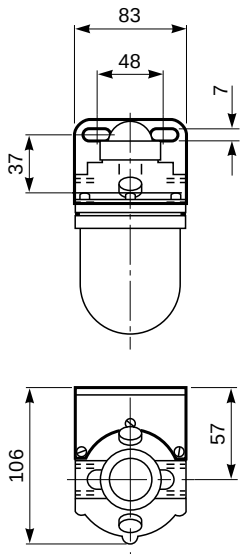
Bracket Kit reference:
18-001-009

Bracket Mounting - 0,2 litre models

Oil-Fog



Micro-Fog



Bracket Kit reference:
18-001-017

Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where *pressures* and *temperatures* can exceed those listed under **'Technical Data'**.
Before using these products with fluids other than those specified, for non-industrial applications, life-support systems, or other applications not within published specifications, consult NORGREN.
Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes. The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.
System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.
System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.