

Norgren Cold Fogging Unit

- **Suitable for Low to Medium Gas pressure Applications**
- **Cost Effective Solution to Cast Iron Lead-Yarn Joint Leakage**
- **Effective Pipe Treatment over Long Pipe Runs**
- **Microfogging Mechanism allows Effective Use of MEG***
- **Option for Extending Tank Capacity**
- **High Saturation Levels****

Micro fog unit injects a fine mist of Monoethylene Glycol into the gas supply and are suitable for both low and medium pressure gas pressure applications.

Use Expansion Tank Kit to increase MEG reservoir capacity.

* Monoethylene Glycol

** Typically 79% and above

**Technical Data**

Fluid: Natural Gas

Maximum pressure:

17 bar (250 psig)

Operating temperature*:

-20°C to +40°C (0° to +104°F)

Gas Treatment levels :

Refer to BG plc publication "Gas Conditioning Guidelines for Lead-Yarn and Mechanical Joints 1997" for detailed information on applications and recommended use.

Tank Capacity :

20 litres

Connecting expansion tanks available, each having a capacity of 18 litres.

Materials:

Body: Zinc

Tank: Steel

Sight tube: nylon

Fittings: brass

Elastomeric materials: Synthetic rubber

Ordering Information

See *Ordering Information* on the following pages.



Typical Performance Characteristics

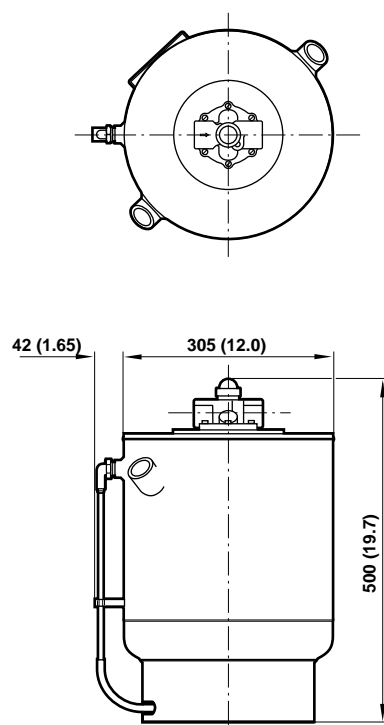
Gas Pressure bar (psig)	Driving Gas Flow			Typical Fog size μm
	m ³ /h	(l/s)	(scfm)	
0,28 (4)	1.34	(0,37)	(0,78)	3.14
0,69 (10)	3.12	(0,89)	(1,89)	0.9
1,38 (20)	6.09	(1,69)	(3,58)	0.84

Ordering Information

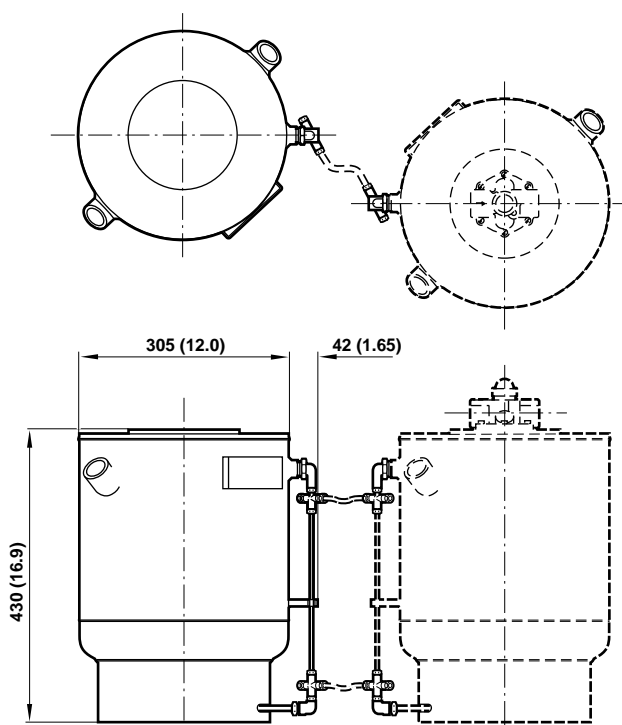
Type	Port Size	Model	Weight kg (lb)
Fogger	G1	10-009-988	31,15 (69.2)
Liquid Capacity Expansion Reservoir	–	10-009-986	30,8 (68.4)

Dimensions mm (inches)

Fogging Unit



Liquid Capacity Expansion Reservoir



Accessories

Internationally Approved* Full Bore Shut-off Valve	
1/4"	55 bar: 604112128
3/8"	50 bar: 604112138
1/2"	45 bar: 604112148
3/4"	40 bar: 604112168
1"	35 bar: 604112188
1 1/4"	25 bar: 6041121A8
1 1/2"	25 bar: 6041121B8
2"	20 bar: 6041121C

* Approvals include BG plc, Calor Engineering, DIN-DVGW, Danish Gas, Svenska Gasfoereningen & Watermark (6041 series); Danish VA (6011, 6021 & 6041 series).

Service Kits

Item	Part Number
Spare head assembly	10-009-987

Warning

These products are intended for use in natural gas systems only and should be installed, operated and serviced in accordance with BG plc Document "Gas Conditioning Guidelines for Lead-Yarn and Mechanical Joints".

Do not use these products where pressures and temperatures can exceed those listed under 'Technical data'.

Through misuse, age, or malfunction, components in fluid power systems can fail in various modes. The system designer is warned to consider the failure modes of all component parts in 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.