

- **Compact design**
- **Filter removes liquids and solid particles down to 5 µm**
- **Micro-Fog lubricator provides air line lubrication to one or more air driven tools or other devices**
- **Nearly constant oil density output with varying air flow**
- **Can be disassembled without the use of tools or removal from the air line**



Technical Data

Fluid: Compressed air

Maximum pressure:

Transparent bowl: 10 bar (150 psig)

Metal bowl: 17 bar (250 psig)

Operating temperature: *

Transparent bowl: -20° to +50°C (0° to +125°F)

Metal bowl: -20° to +80°C (0° to +175°F)

* Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

Approximate flow at 90 psig (6,3 bar) inlet pressure and 0,3 bar (5 psig) pressure drop:

1/8" ports: T.B.A.

1/4" ports: T.B.A.

Nominal bowl size: 31 ml (1 fluid ounce)

Drain connection: 1/8" pipe

Filter

Automatic drain operation: Spitter type drain operates momentarily when a rapid change in air flow occurs or when the supply pressure is reduced.

Lubricator

Start point (i.e., minimum flow required for lubricator operation):

0,24 dm³/s (0.5 scfm) at 6,3 bar (90 psig) inlet pressure

Nominal bowl size: 31 ml (1 fluid ounce)

Recommended lubricants: See page N/AL.8.990.935

Materials:

Body: Zinc

Bowl:

Transparent: Polycarbonate

Metal: Zinc

Filter element: Sintered polypropylene

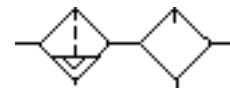
Sight feed dome: Transparent nylon

Elastomers: Neoprene and nitrile

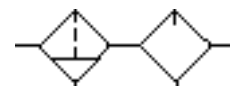
Ordering Information

See *Ordering Information* on following pages.

ISO Symbols



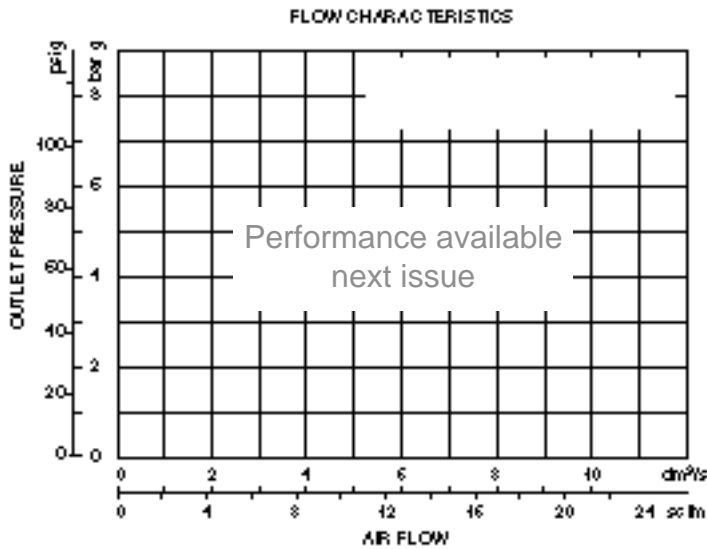
Filter with automatic drain, lubricator with manual drain



Filter manual drain, lubricator with manual drain



Typical Performance Characteristics



Ordering information. Models listed include ISO G threads, filter with transparent bowl, automatic drain, 40 µm element, lubricator with transparent reservoir and manual drain.

Port Size	Model Numbers	Flow dm ³ /s (scfm) *	Weight lbs (kg)
G1/8	P1C-100-A3AG	T.B.A.	T.B.A.
G1/4	P1C-200-A3AG	T.B.A.	T.B.A.

* Approximate flow at 6,3 bar (90 psig) inlet pressure and 0,3 bar (5 psid) pressure drop.

Alternative Models

P ★ C - ★ ★ ★ - ★ ★ ★ ★

Integral Wall Bracket	Substitute		Threads	Substitute
Without (P1C combination unit)	1		PTF	A
With (PTC combination unit)	T		ISO Rc taper	B
			ISO G parallel	G
Port Size	Substitute		Lubricator Reservoir	Substitute
1/8"	1		Transparent with drain	A
1/4"	2		Transparent without drain	Q
Filter Bowl	Substitute		Metal with drain	M
Transparent	00		Metal without drain	F
Metal	40		Filter Element	Substitute
			5 µm	1
			40 µm	3
			Filter Drain	Substitute
			Automatic	A
			Manual	M

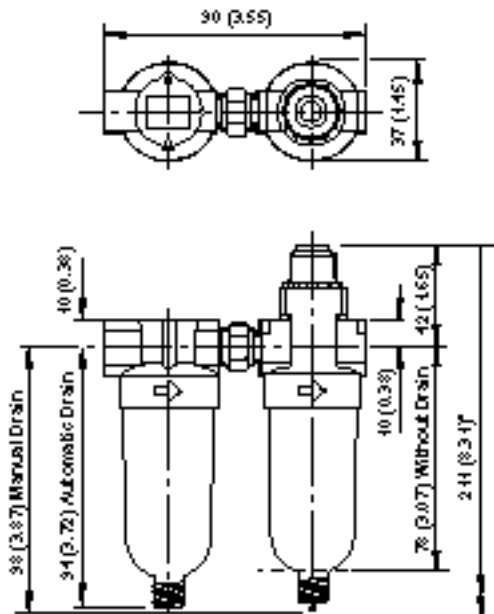
Accessories

Tamper Resistant Seal Wire for Lubricator	Wall Bracket and Plastic Panel Nut for P1C Unit	Panel Nut for P1C Unit	Wall Bracket for PTC Unit
2117-01	18-025-003	Plastic: 2962-89 Metal: 2962-04	6700-30

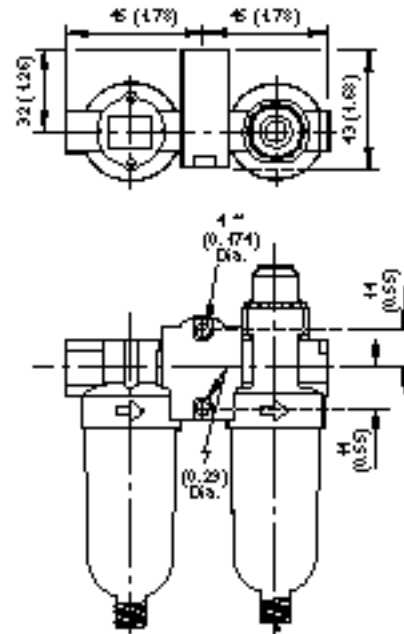


Dimensions mm (inches)

**P1C
Combination Unit**



**PTC
Combination Unit**



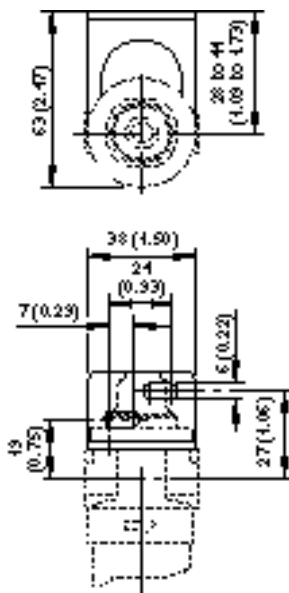
* Minimum clearance to remove bowl.

** Use 51 mm (2") long screws, 5/32" diameter, to mount PTC Unit to wall.

Wall Bracket for P1C Combination Unit

Use 1/8" (3 mm) screws to mount bracket to wall.

Wall bracket installed on lubricator



Bracket Kit Reference

Item	Part number
P1C combination units	18-025-003

Service Kits

Item	Type	Part number
Service kits, filter	5 µm element	3652-17
	40 µm element	3852-18
Service kit, lubricator		3795-03
Replacement drains	Manual	773-03
	Automatic	3654-02
Replacement wall bracket for PTC unit	Integral 2 piece	6700-30

Filter service kit contains element, element gasket, and bowl o-ring. Lubricator service kit contains sight-feed dome seal, cartridge o-ring, and bowl o-ring.



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.