

- > Automatically expels liquids from the piping network
- > Can be disassembled without the use of tools or removal from the air line
- > Automatic drain valve opens when system is unpressurized, allowing water to escape by gravity
- > Automatic drain valve is float operated when system is pressurized
- > Install at low points and at far end of piping network



Technical features

Fluid:

Compressed air

Maximum pressure:

Transparent bowl: 150 psig (10 bar)
 Metal bowl: 250 psig (17 bar)

Operating temperature*:

Transparent bowl: 0° to 125°F (-20° to 50°C)
 Metal bowl: 0° to 175°F (-20° to 80°C)

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

Automatic drain connection:

1/8" pipe thread

Automatic drain operating conditions (float operated):

Bowl pressure required to close drain: Greater than 5 psig (0.3 bar)

Minimum air flow thru drain required to close drain: 2 scfm (1 dm³/s).

Bowl pressure required to open drain: Less than 3 psig (0.2 bar)

Manual operation: Depress pin inside drain outlet to drain bowl

Flexible tube with 0.125" (3mm) minimum I.D. can be connected to the drain.

Avoid restrictions in the tube.

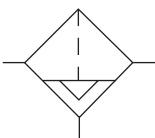
Nominal bowl size:

Standard: 1/3 pint (0.16 liter)
 Optional: 3 fluid ounce (0.09 liter)

Materials:

Body: Zinc
 Transparent Bowl: Polycarbonate
 Metal Bowl: Zinc
 Drain mechanism: Acetal, Nitrile, stainless steel
 Metal bowl liquid level indicator lens: Pyrex
 Elastomers: Nitrile

ISO Symbol



Automatic Drain

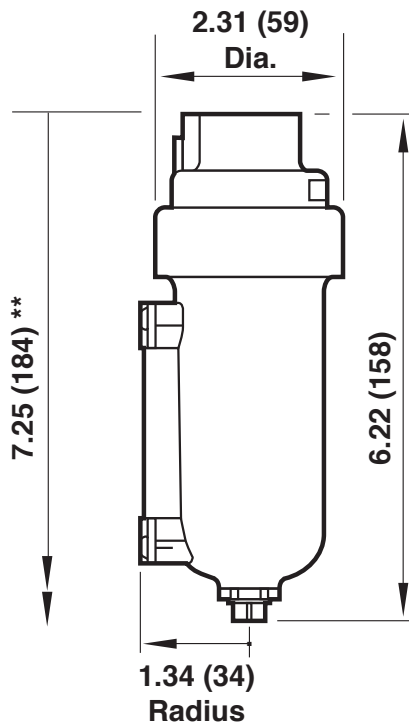
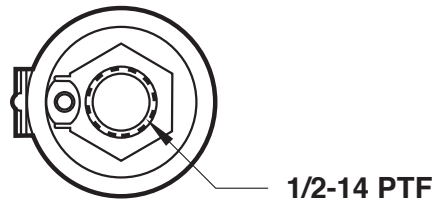
Ordering information

Port size	Bowl type	Bowl size	Model number	Weight lbs (kg)
1/2" PTF	Transparent	1/3 pint (0.16 liter)	17-016-104	0.8 (0.38)
1/2" PTF	Metal with sight glass	1/3 pint (0.16 liter)	17-016-107	1.3 (0.59)
1/2" PTF	Transparent	3 fluid ounce (0.09 liter)	17-016-102	0.8 (0.38)

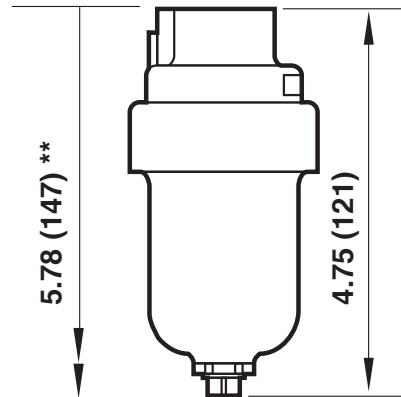
Service kits

Item	Type	Part number
Replacement drain	Automatic	3000-10
Liquid level lens kit	Pyrex	2273-20

All dimensions in inches (mm)



1/3 Pint (0.16 Liter) Bowl



3 Fluid Ounce (0.09 Liter) Bowl