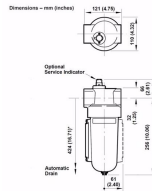


## 1" FILTER

**Brand: Norgren**

**Product Code: F17-800-AUTO**



### 1" FILTER

Norgren 1" General Purpose Filter

- \* Protects air operated devices by removing liquid and solid contaminants from compressed air
- \* Screw-on bowl reduces maintenance time
- \* Can be serviced without the use of tools or removal from the air line
- \* Optional visual service indicator turns from green to red when the filter element needs to be cleaned or replaced
- \* Optional electrical service indicator also available

#### \*\* Technical Data \*\*

Fluid: Compressed air

Maximum pressure: 17 bar (250 psig)

Operating temperature: \* 0° to +80°C (-0° to +175°F)

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

Particle removal: 40 um filter element

Air quality: Within ISO 8573-1, Class 3 and Class 5 (particulates)

Typical flow with a 40 um element at 6,3 bar (90 psig) inlet pressure and 0,5 bar (7 psid ) pressure drop:

1" ports: 236 dm<sup>3</sup>/s (500 scfm)

Nominal bowl size: 1 litre (1 quart US)

Automatic drain connection: 1/8"

Automatic drain operating conditions:

Minimum pressure: 0,7 bar (10 psig).

Drain opens when bowl pressure drops below 0,2 bar (3 psig).

Minimum air flow: 1 dm<sup>3</sup>/s (2 scfm) required to close drain.

Materials:

Body: Aluminum

Bowl, 0,5 and 1 litre (1 pint and 1 quart US): Aluminum

Bowl sight glass: Pyrex

Elastomers: Neoprene and nitrile

Filter element: 40 um: Sintered bronze