

CONOFLOW FILTERS

GFX02/GFX04 Series

Conoflow's GFX Series Filters are used to provide clean air to instruments and other pneumatic devices. The 35 micron filter removes foreign particles from the air allowing intermediate and final control devices to operate at peak efficiency.

Available in either brass or aluminum construction, the GFX Series Filters cover most of today's instrument and industrial applications. Each filter has a maximum supply pressure rating of 300 PSI (2068 kPa).

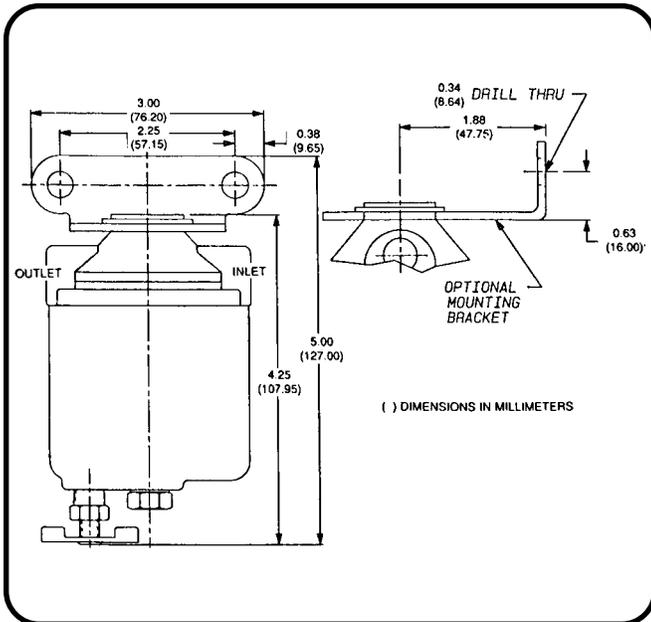
These units have two 1/4" NPT connections with an arrow on the cap denoting air flow direction. An optional center port is available.

Designed for reliable, almost maintenance-free service, these filters are backed by Conoflow's high standards of manufacture and years of experience as a producer of precision instruments.

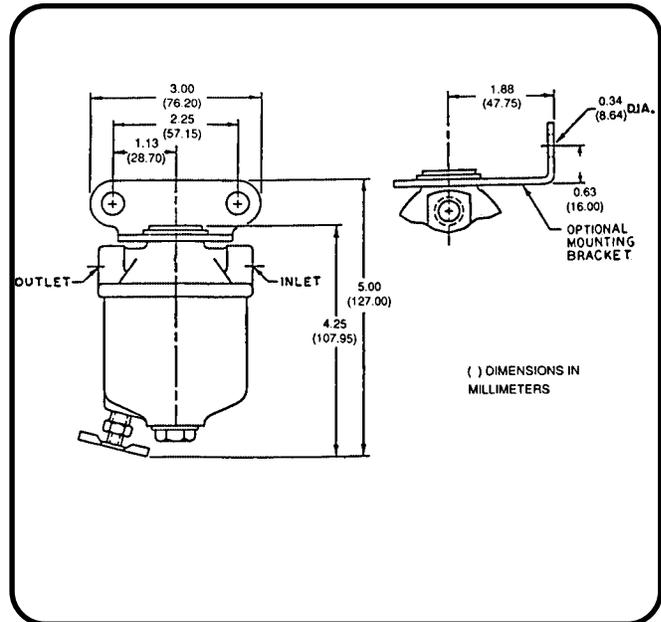
OPTIONS:

Mounting: Bracket for wall mounting.

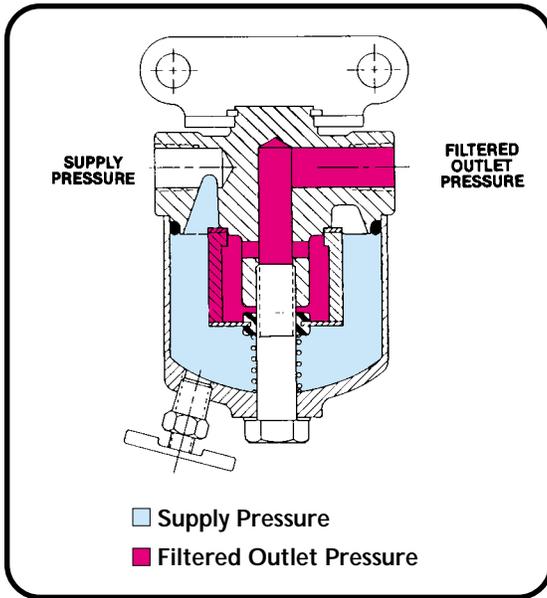
Connection Port: Center 1/4" NPT



For Certified Dimensional Drawing, refer to A15-3 (GFX02)



For Certified Dimensional Drawing, refer to A15-3 (GFX04)



GFX02/GFX04 Filters
Filtration Only - No Regulation

PRINCIPLE OF OPERATION

The Conoflow GFX Series Filters provide instrument quality air by directing the supply air through a 35 micron filter. Remove moisture in the dripwell periodically by opening the draincock while the unit is under pressure.

SPECIFICATIONS

OPERATING CHARACTERISTICS

Maximum Supply Pressure: 300 PSI (2068 kPa)

Connections: 1/4" NPT

Flow Capacity: (100 PSI Supply): Chart 1

Filter Rating: 35 micron (Polypropylene) (See Note 1)

Ambient Temperature Range: -20°F to +150°F (-29°C to +66°C)

Approximate Shipping Weight: GFX02 - 2 lbs. (0.91 Kg)
GFX04 - 2 lbs. (0.91 Kg)

NOTES:

- Optional 10 Micron Filter (Cellulose) available.
- Optional 40 Micron Filter (Stainless Steel) available

MATERIALS OF CONSTRUCTION

Model	GFX02	GFX04
Bonnet	Brass	Aluminum
Bowl	Brass	Aluminum
Draincock	Brass	Brass

CONTROL ENGINEERING DATA

Control Engineering Data is intended to provide a single source from which one can determine, in detail, the full scope of the product line. In addition to materials of construction, it also provides all necessary data, regarding porting and mounting selections. Control Engineering Data also provides a means of communicating, by way of a code number, which is fully descriptive of the product selection.

NOTE: 1. Catalog numbers as received must contain seven (7) characters.

1-5 Models	GFX02 = Filter-Filtration Only (No Regulation) Replaces GFX01 (Brass Construction) GFX04 = Filter-Filtration Only (No Regulation) Replaces GFX03 (Aluminum Construction) NOTE: 1. For dimensional data, refer to drawings A15-4 (GFX02) and A15-3 (GFX04)
6 Filter Options	A = Filter - Cellulose (10 Micron) B = Filter - Stainless Steel (40 Micron - Cleaned for Oxygen Service) C = Filter - Stainless Steel (40 Micron) X = Absence of Specification NOTE: 1. If options A, B or C are not specified, a 35 Micron, polypropylene filter will be supplied. 2. For non-standard filter adds, refer to price list CP-5000
7 Mounting Options	R = Mounting Bracket X = Absence of Specification NOTE: 1. The body for the GFX02/GFX04 Series Filters are not machined to accept the mounting bracket. Unit(s) must be originally ordered with the "R" specified for field adapting the mounting bracket.

Chart 1. Flow Characteristics

