GO REGULATOR, INC.

F-4 Series In-line Filter

This filter is designed to be used as a standard in-line filter or it may easily be threaded into a pressure regulator or valve body for inlet protection. If desired, we will install this filter for you into any of our standard pressure control products prior to shipment.

For your special requirements, this filter can be custom manufactured from almost any machinable alloy. Let us know your requirement.

Features & Specifications
- Compact size
- Economical design
- Easily changed filter elements
- Stainless steel body (316 series) with PTFE seals
- Nominal micron (μ) ratings of filtration available:
  10μ sintered 316 stainless steel
  20μ sintered 316 stainless steel
  50μ sintered 316 stainless steel
  70μ sintered 316 stainless steel
  100μ 316 stainless steel mesh
  200μ 316 stainless steel mesh
  300μ 316 stainless steel mesh
- Pressures up to 6,000 psig (41.37 MPa)

filters

F-4 Series In-line Filter

How to Order

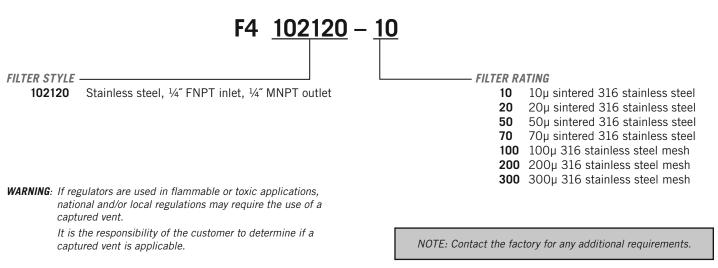Part No. **102120-10**   Standard filter with 10 micron nominal filtration

If other than the standard 10 micron (µ) filtration is desired, specify by the use of a dash number. For example: **102120-20** for 20 micron sintered 316 stainless steel filtration or **102120-200** for 200 micron stainless steel mesh filtration.

$$\text{F4} \quad \underline{102120} - \underline{10}$$

FILTER STYLE
102120   Stainless steel, ¼″ FNPT inlet, ¼″ MNPT outlet

FILTER RATING
10	10µ sintered 316 stainless steel
20	20µ sintered 316 stainless steel
50	50µ sintered 316 stainless steel
70	70µ sintered 316 stainless steel
100	100µ 316 stainless steel mesh
200	200µ 316 stainless steel mesh
300	300µ 316 stainless steel mesh

WARNING: *If regulators are used in flammable or toxic applications, national and/or local regulations may require the use of a captured vent.*

It is the responsibility of the customer to determine if a captured vent is applicable.

NOTE: Contact the factory for any additional requirements.

Maximum Temperature & Operating Inlet Pressures

Maximum Temperature	@	Operating Inlet Pressure
450° F (232° C)	@	6,000 psig (41.37 MPa)

Outline Dimensions

Repair Kit Information

Part Number	Description
100089	Screen filter kit (specify porosity)
G100089–10	10µ nominal filtration
G100089–20	20µ nominal filtration
G100089–50	50µ nominal filtration
G100089–70	70µ nominal filtration
G100089–100	100µ nominal filtration
G100089–150	150µ nominal filtration
G100089–200	200µ nominal filtration
G100089–300	300µ nominal filtration

GO REGULATOR, INC.