

High-Flow VANGUARD General Purpose Filters

BF6A400 Models Port Sizes: 1-1/4, 1-1/2, & 2



Model Shown: BF6A400-10

SPECIFICATIONS

Ambient/Media Temperature:

Manual Drain: 40° to 175°F (4° to 79°C).

Float, hydro-jector drain: 40° to 150°F (4° to 66°C).

Body: Aluminum.

Bowl: 120-Ounce (3548-ml) capacity aluminum bowl.

Bowl Drain: Internal float drain; optional manual drain or external Hydro-Jector drain.

Filter Element: 40- μ m-rated sintered bronze; optional 5- μ m sintered bronze.

Fluid Media: Compressed air.

Inlet Pressure:

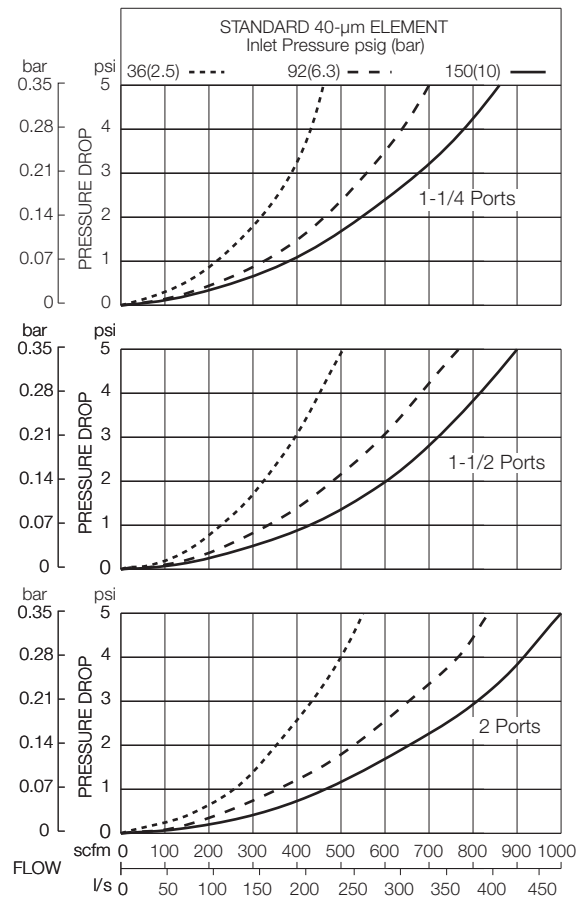
Float Drain: 30 psig (2.1 bar) minimum. 200 psig (14 bar) maximum.

Manual Drain: 0 psig (0 bar) minimum. 300 psig (21 bar) maximum.

Seals: Nitrile.

- ◆ Inline mounting.
- ◆ 40- μ m-rated sintered bronze filter element; optional 5- μ m sintered bronze element.
- ◆ Aluminum bowl.
- ◆ Internal float drain; optional manual drain or external Hydro-Jector drain.
- ◆ **NPTF** port threads; optional **SAE** or **BSPP** threads.

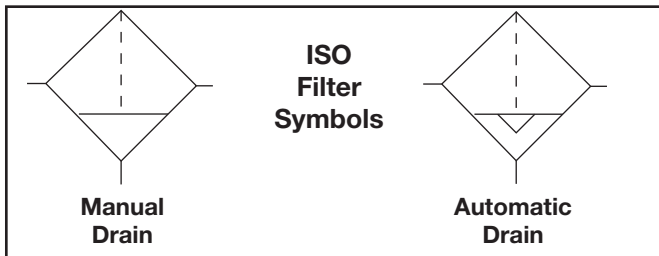
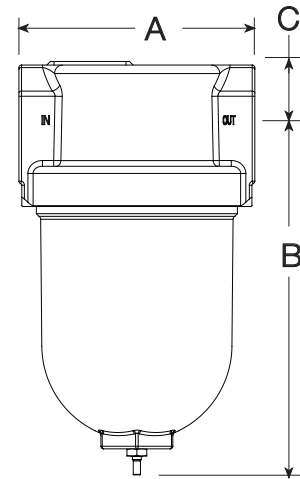
FLOW CHARTS



DIMENSIONS inches (mm)

A	B †	C	Depth	Weight † lb (kg)
8.1 (204.7)	12.0 (305)	2.4 (60.3)	8.0 (203.2)	17 (7.72)

† With Hydro-Jector external drain, dimension B is increased by 8.0 inches (203 mm), and weight is increased by 2.56 pounds (1.18 kg).



REPLACEMENT FILTER ELEMENT KITS

Element Type	Kit Number
40-µm bronze (Std element)	K106-33
5-µm bronze	K106-33E5

ORDERING INFORMATION

Change the letters in the sample model number below to specify the filter you want.

BF6A 400L - 10 E5 W

DRAIN and BOWL TYPE

- Metal bowl, Internal automatic float drain ... **BF6A**
(*brass stem*)
- Metal bowl, manual drain **BF**
- Metal bowl, less drain cock, external **BF7AE**
Hydro-Jector drain.
- Metal bowl, no drain (*less drain cock*) **BF7A**
- Metal bowl, warrior electronic drain **BF2A**

HEAD TYPE and DIFFERENTIAL

PRESSURE GAUGE

- No tapped ports on head, no gauge **400**
- Tapped ports on head, no gauge **401**
- Tapped ports on head, large differential **401L**
pressure gauge.
- Tapped ports on head, Small differential **401S**
pressure gauge
- Tapped ports on head, Large differential **401E**
pressure gauge with normally open
reed switch.
- Tapped ports on head, Large differential **401E2**
pressure gauge with normally closed
reed switch.

PORT TYPE

- NPTF Leave Blank
- BSPF **W**

ELEMENT TYPE

- 5-µm rating bronze element **E5**
- 40-µm rating bronze elemen **E3**

PORT SIZE

- 1-1/4 NPTF **10**
- 1-1/2 NPTF **12**
- 2 NPTF **16**
- 1-5/8-12 UNF SAE **S20**
- 1-7/8-12 UNF SAE **S24**
- 1-1/2-12UNF SAE **S32**

DIFFERENTIAL PRESSURE GAUGES

Large Dual Face Gauge
106-35



Large Dual Face Gauge with Reed Switch
106-35E (Normally Open)
106-35EC (Normally Closed)

Small Slide Gauge
K103-151



VANGUARD High-Flow Filter, BF6A400 Series