

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:

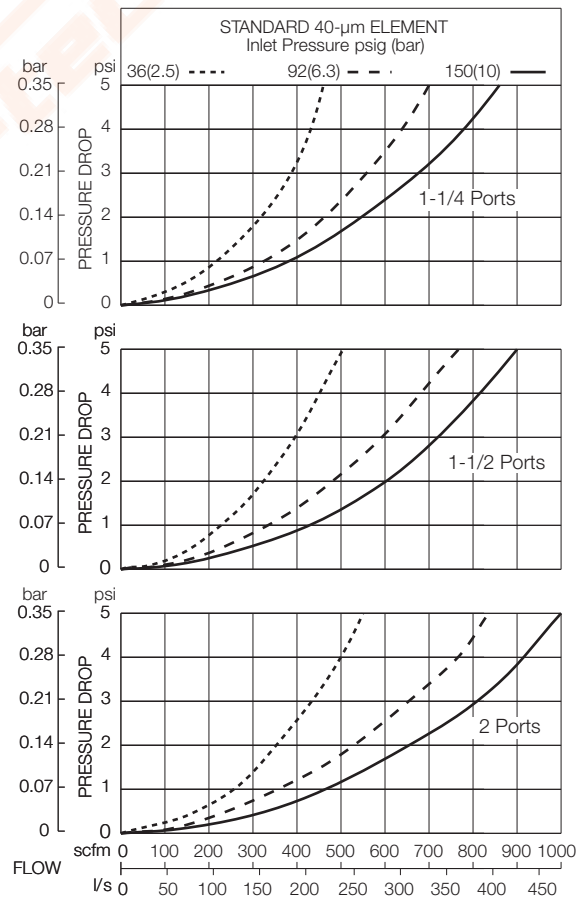
Float Drain: 30 psig (2.1 bar) minimum. 200 psig (14 bar) maximum.

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 BSPP threads.

FLOW CHARTS



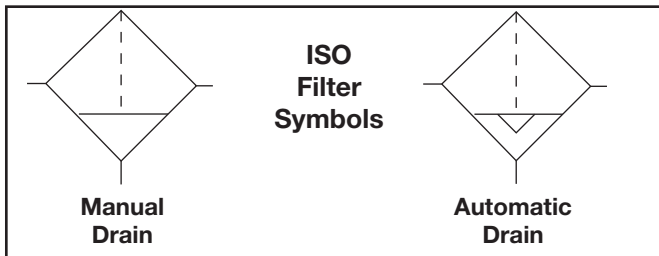
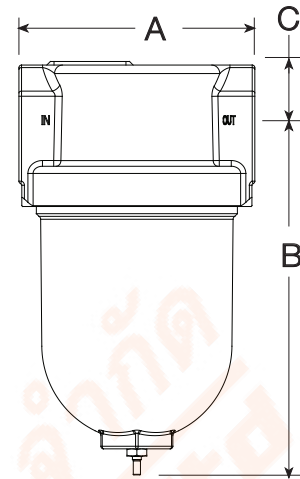
บริษัท ฟลูเทค จำกัด
FLU - TECH CO., TD

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845/3-4 Thepharak RD., T. Thepharak, A. Muang, Samutprakan 10270 THAILAND
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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 element E3

PORT SIZE

- 1-1/4 NPTF 10
- 1-1/2 NPTF 12
- 2 NPTF 16

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



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