



F50S Service Parts and Maintenance

MASTER PNEUMATIC - DETROIT, INC.

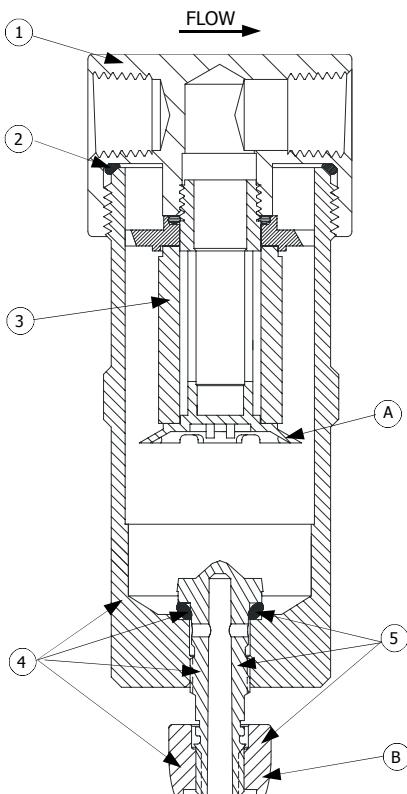
6701 -18 Mile Rd. | Sterling Heights, MI 48314 | Phone: (586) 254-1000 | Fax: (586) 254-6055 | Email: mp@masterpneumatic.com

JAA 10-10-03
REV 10-03-05
(ECN 4075)

Replacement Parts & Kits

BF50S Section View

(Manual Drain)



THANK YOU!

You have just purchased a quality Filter from Master Pneumatic.

With care in its installation and maintenance, you can expect it to have a long and economical service life. Before you go any further, please take a few minutes to look over this information, then save it for future reference and for the useful service information it contains.

KEY	DESCRIPTION	BF50S-2V	F50S-2V
1	Head	130-15S-1/4	130-15S-1/4
2	O-Ring, Bowl	406-23V	406-23V
3	Element Kit	KA130-27PE5V	KA130-27PE5V
4	Metal Bowl with Manual Drain	ABF130-22SV	ABF130-22SV
5	Manual Drain Kit	K60F-11M	A130-19V
Not Shown	Plastic Bowl with Manual Drain	A10F-130V	A10F-130V

Installation Procedures

INSTALLATION:

Depressurize and lockout air pressure. Install the filter as near as possible to the device it is to serve, following the arrow direction on the filter head for air flow. Filters should be installed upstream of any regulators, lubricators, or valves in the air line.

ADJUSTMENTS:

Manual Drain: For Metal Bowls: Turn knob (B) clockwise to drain filter. For Plastic bowls: Push drain knob to drain filter.

MAINTENANCE:

To clean or service the unit, depressurize and lockout air pressure. Remove bowl assembly by turning counterclockwise. To remove the element (#3), insert a screwdriver in the slot located at the bottom of stem (A). Turn stem (A) counterclockwise until it is free of head (#1). Replace with new element and reassemble to finger tight. Do not clean filter elements, they must be replaced. Sintered bronze elements may be cleaned by soaking several hours in a suitable solvent, then blowing them out in reverse direction to normal flow with compressed air or steam. For manual drain models, periodically drain to discharge accumulated liquids.

Plastic bowls may be cleaned with soap and water. Replace plastic bowls with metal if any signs of crazing or cracking are observed.



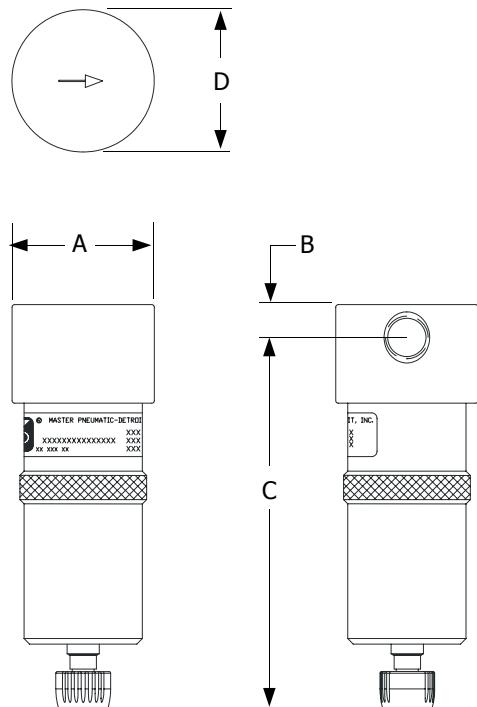
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Dimensional Specifications



KEY	BF50S-2V	F50S-2V
A	1 5/8 (41 mm)	1 5/8 (41 mm)
B	3/8 (10 mm)	3/8 (10 mm)
C	4 1/4 (108 mm)	3 5/8 (92 mm)
D	1 5/8 (41 mm)	1 5/8 (41 mm)

General Specifications

WORKING PRESSURE MAX

PLASTIC BOWL

150 PSI @ 125°F
(10.3 BAR @ 51.7°C)

METAL BOWL

200 PSI @ 150°F
(13.8 BAR @ 65.5°C)

PREFIX OPTION (REPLACES F)

BF Metal Bowl, Manual Drain

SUFFIX OPTION

E3 Sintered Bronze Element, 40µm
E4 Sintered Bronze Element, 20µm
E5 Sintered Bronze Element, 5µm

W BSP British (Whitworth) Threads

FILTERING: Standard 5µm Element - Porous Polyethylene.