Washable Water Filters

Filters with Permanent, Washable Elements Clean Even the Dirtiest Water Supplies

Innovative Filter Element Design Gives You These Benefits:

- A quick wash restores the filter element to new condition
- Permanent elements quickly pay for themselves through savings in replacement cartridge costs
- No inventory of replacement cartridges needed
- Eliminate the problem and expense of disposing of contaminated filter cartridges
- Fit the permanent elements in your existing standard 10" & 20" filter housings without modification, or order from Keller's complete line of filter assemblies
- Extremely high flow rates

Filter Water from Wells, Ponds, and Municipal Water Systems to Protect:

- Plant and laboratory water supplies
- Cooling water systems
- Boiler feedwater systems
- Water spray nozzles
- Maritime applications

Industries Served:

- Paper mills
- Plastic injection molding
- Food manufacturers
- Hospitals
- Municipal waste treatment
- OEM application

To Select the Filter Grade:

- Use the 40 mesh or 80 mesh (200 micron) grade when heavy solids loading is expected, or when only relatively coarse filtration is required - for example, in cooling water loops
- Use the 130 mesh (100 micron) grade to remove essentially all visible solids from the liquid.
- Use the 300 mesh (50 micron) grade to protect finer disposable filters or carbon cartridges

The novel filter elements are constructed of thin plastic discs with precisely-sized grooves, stacked on a central core. The large internal filter surface provides long life between cleanings. When cleaning is required, it is a simple job of a few minutes - no tools needed.

Keller supplies filter assemblies containing the permanent, washable filter elements in line sizes from 3/8-inches to 2 inches (150 gallons per minute)

The permanent filter elements fit in standard 10" cartridge filter housing without modifications.

Keller Products
A DIVISION OF PLASTIC DESIGN, INC.

1-800-352-8422
www.kellerfilters.com

3/8" Ports   3/4" Ports   ← 5 11/16 →   2" Ports

← 4 5/8" →

5 1/4"

7 3/8"

12 5/8"

23 1/2

11"

19" S204
29" S205

6 3/4"

2 7/8"

#038A

#075A

#XS102

#S204, #S205

Specifications and Ordering Information

How to Select the Correct Size Filter Assembly

Keller supplies filter systems for line sizes from 3/8" to 2", with flow capacities to 150 gallons per minute. To select the correct size Keller filter assembly, **specify the filter assembly with port size equal to the size of the line on which it will be installed**. The flow rate in the line will likely be less than the rated flow of the filter at 2 psi pressure drop (see chart below), and therefore the initial pressure drop will likely be less than 2 psi.

Specifications

Filter Assembly	**#038A***	**#075A***	**#XS102**	**#S204**	**#S205**
Port Size	3/8" NPTF	3/4" NPTF	1" NPTF	2" NPTM	2" NPTM
Flow at 2 psi drop (gpm)	10	25	50	110	150
Max. Press. (psig)	125	125	300	150	150
Max. Temp. (°F)	125	125	180	180	180
Materials:					
Filter Elements	Polyethylene & polypropylene, EPR gaskets ---				
Housings: Head:	Polypropylene ------------------		Brass	304 SS ----------------------	
Bowl:	SAN* -----------------------------		304 SS	304 SS ----------------------	
No. Filter Elements	1	1	1	4	4
Element Length	5"	10"	20"	10"	20"
Shipping Weight (lbs)	3	5	13	26	34

    * Also available with polypropylene bowl; substitute "B" for "A" in ordering information.

Ordering Information, Assemblies with Filter Elements Installed:

40 Mesh	038A-2040	075A-2040	XS102-2040	S204-2040	S205-2040
80 Mesh (200 micron)	038A-2080	075A-2080	XS102-2080	S204-2080	S205-2080
130 Mesh (100 micron)	038A-2130	075A-2130	XS102-2130	S204-2130	S205-2130
300 Mesh (50 micron)	038A-2300	075A-2300	XS102-2300	S204-2300	S205-2300
Price	**$170.00**	**$225.00**	**$795.00**	**$2,495.00**	**$2,875.00**

Elements to Fit Standard Housings

Nominal Length	5" Elements	10" Elements	20" Elements
Sealing Length	4-7/8" - 5"	9-3/4" - 9-7/8"	19-3/4" - 20"
40 Mesh	R05-2040	R10-2040	R20-2040
80 Mesh (200 micron)	R05-2080	R10-2080	R20-2080
130 Mesh (100 micron)	R05-2130	R10-2130	R20-2130
300 Mesh (50 micron)	R05-2300	R10-2300	R20-2300
Price	**$95.00**	**$145.00**	**$265.00**