

BULLETIN GKF-2S

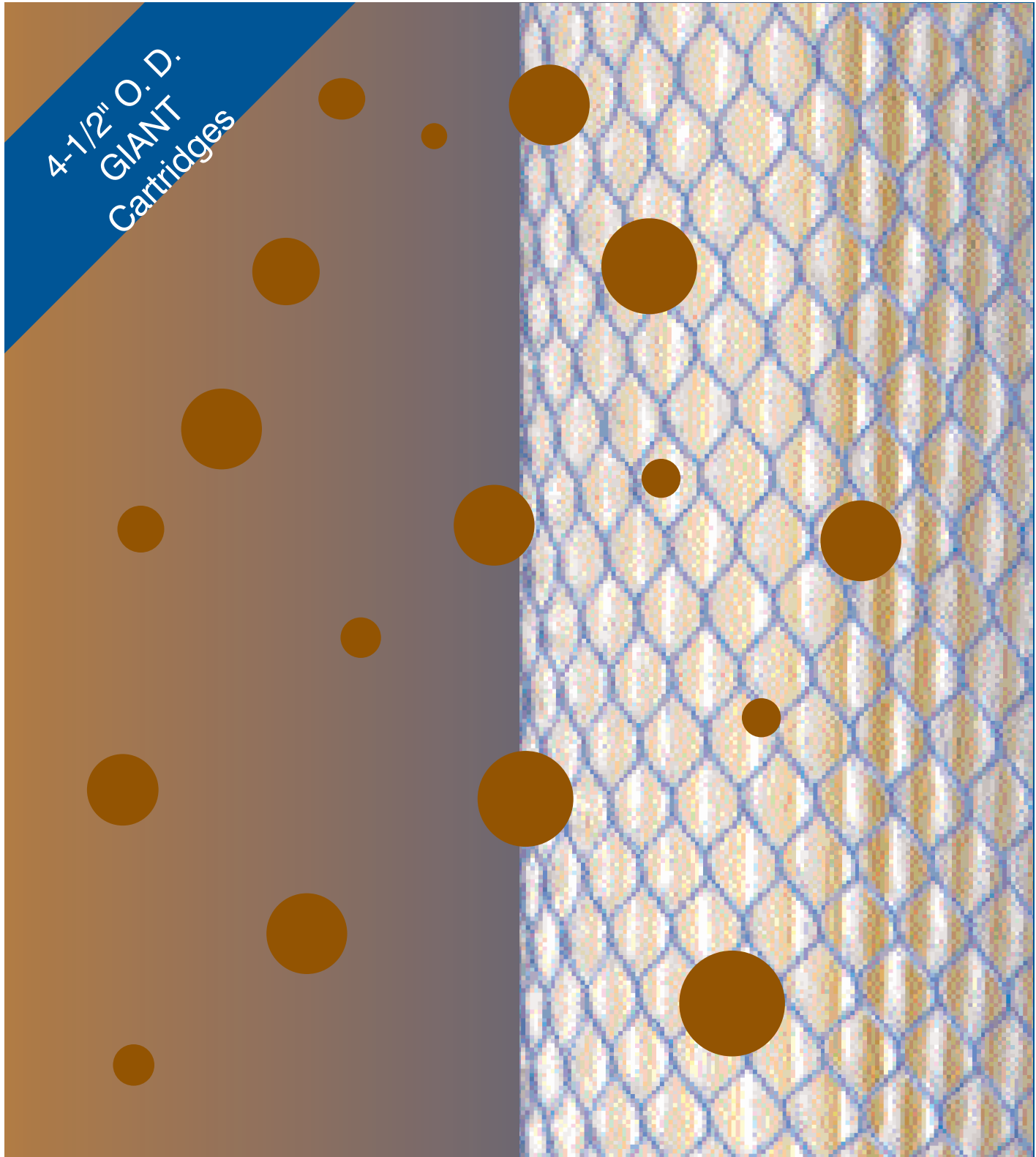
GIANT REPLACEMENT CARTRIDGES

FOR SEDIMENT REMOVAL



Keystone Filter

4-1/2" O. D.
GIANT
Cartridges



What is Sediment Filtration?

The water in your home can contain dirt, grime, sand, rust particles, mud and many other substances that make it unfit to drink.

What can you do? Solve your problem with a Keystone Giant Whole House Filter.

Keystone Filter offers a wide choice of filter models depending on how small the particles are that you want to remove from your water. The finer the filter cartridge material, the more completely will solid particles be removed from the water. The correct filter for you will provide a large filtering surface and will allow an adequate flow of filtered water to reach your faucet, shower or other water sources.

The amount of filter area is a key factor in ensuring proper flow rates as well as total filtering capacity. We will be happy to help you select the best choice for your specific filtration need.

Nominal 10" pleated cartridges provide approximately 14 square feet of effective filtration area. 20" nominal pleated filters provide over 28 square feet of filter area. This represents 3 to 4 times the surface area of standard (2-1/2" x 9-3/4") filter cartridges.

We recommend pleated cartridges for sediment removal because they provide much more dirt

holding capacity than other models. Greater dirt holding capacity means longer service life between cartridge changes.

Specifications for all models are included in this bulletin. Request additional literature or **call 1-888-822-1963, 24 hours a day**, for help with your specific need. Our extensive line of filters is bound to include a unit that will solve your problem.

Filter changeout is dependent on the amount of dirt in your water and your water usage. A change in your water flow is the best indicator that your filter cartridge needs to be changed. We also offer our filters with a color-coded pressure gauge to let you know when it is time to replace your cartridge. Sediment filter cartridges should be changed at least once a year under normal conditions.

Filters can be purchased with wall bracket and/ or bowl wrench as accessories.

Glossary

Depth Filter Cartridge: A non-pleated filter whose effectiveness is based on the formation of a "cake" or multiple layers of dirt. As dirt builds a "cake", depth filters become more effective.

Micron: A linear measure equal to one millionth of a meter or 25,000th of an inch. The smallest particle that can be seen by the human eye is 40 microns. Human hair is 50-75 microns.

Pleated Filter Cartridge: Media has the appearance of a paper fan with multiple folds. Effectiveness is based on amount of surface area.

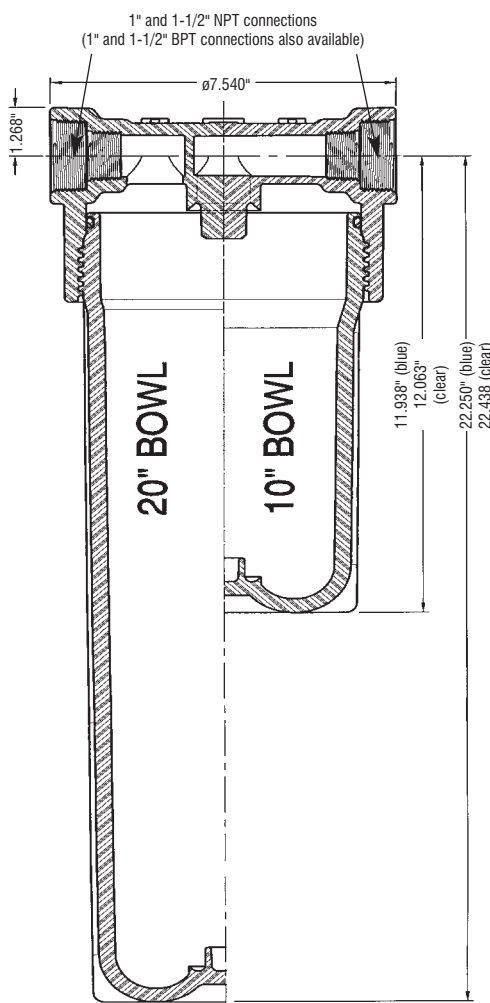
Point-of Entry: Point at which the water supply enters a house/facility — most often the basement of a home.

Point-of-Use: Refers to actual location where water is used — usually kitchen or bathroom faucet

Potable Water: Water which is safe for human consumption.

Resin Bonded Cartridge: A depth cartridge constructed of a drinking water resin.

String Wound Cartridge: Constructed by wrapping layers of string or yarn around a center tube. Effectiveness is based on the number of layers and weight of string.



**See Bulletin GH-1 for details
on Keystone's 10" and 20"
filter housings**

High Efficiency Pleated Polypropylene Cartridges

Polypropylene cartridges provide very fine, fine and medium filtration for residential, commercial and industrial applications. They offer high purity and limited chemical resistance to handle industrial applications or can provide long lasting durable service for home use.

MODEL NUMBER	MICRON RATING	MAXIMUM OPERATING TEMP. °F (°C)	CARTRIDGE SIZE (IN.)
G08EP01010D	1	125 (52)	9.75 x 4.5
G08EP01020D	1	125 (52)	20.0 x 4.5
G08EP03010D	3	125 (52)	9.75 x 4.5
G08EP03020D	3	125 (52)	20.0 x 4.5
G08EP05010D	5	125 (52)	9.75 x 4.5
G08EP05020D	5	125 (52)	20.0 x 4.5
G08EP10010D	10	125 (52)	9.75 x 4.5
G08EP10020D	10	125 (52)	20.0 x 4.5
G08EP30010D	30	125 (52)	9.75 x 4.5
G08EP30020D	30	125 (52)	20.0 x 4.5
Giant Submicronic Polypropylene Pleated Cartridge			
G08EP00310D	0.3	125 (52)	9.75 x 4.5
G08EP00320D	0.3	125 (52)	20.0 x 4.5
G08EP00510D	0.5	125 (52)	9.75 x 4.5
G08EP00520D	0.5	125 (52)	20.0 x 4.5

Flow rate on 10" cartridges is 1-15 GPM

Flow rate on 20" cartridges is 1-30 GPM

All materials used are FDA grade

A Note to Non-Pleated Cartridge Users

Keystone can fulfill many of your non-pleated cartridge needs including string wound, spun bonded and resin bonded depth cartridges.

Warnings

Operating conditions can change performance. Actual results will vary depending on combinations and amounts of organic contaminants, changes in pH or other conditions encountered in actual use.

USE KEYSTONE FILTERS ONLY WITH MICROBIOLOGICALLY SAFE WATER. FOR WATER OF UNKNOWN QUALITY, USE ADEQUATE DISINFECTION BEFORE AND AFTER THE UNIT.

Cartridges should be changed out at least once a year.

All information presented here is based on data believed to be reliable. It is offered for evaluation and verification, but is not considered to be a warranty of any kind.



Spun Bonded Depth Style Polypropylene Cartridges

- ✓ Melt blown polypropylene construction
- ✓ Meets FDA regulations
- ✓ Contains ***no binders or lubricants***
- ✓ Fits other industry standard large diameter (4-1/2") 10" or 20" housings
- ✓ Available in 25 and 50 micron
- ✓ Housings are sold separately

Specifications

MODEL NUMBER	MICRON RATING	MAXIMUM OPERATING TEMP. °F (°C)	FLOW RATE GPM (LPM)	CARTRIDGE SIZE (IN.)	SHIP WEIGHT/ CART. (LB)
GSP25	25	125 (52)	15 (57)	9.875 x 4.5	1.25
GSP25-20	25	125 (52)	30 (114)	20.0 x 4.5	2.56
GSP50	50	125 (52)	17 (64)	9.875 x 4.5	1.25
GSP50-20	50	125 (52)	34 (128)	20.0 x 4.5	2.56



String Wound Depth Cartridges

- ✓ Wound polypropylene construction
- ✓ Meets FDA regulations
- ✓ Fits other industry standard large diameter (4-1/2") 10" or 20" housings
- ✓ Available in 5 and 25 micron
- ✓ Housings are sold separately

Specifications

MODEL NUMBER	MICRON RATING	MAXIMUM OPERATING TEMP. °F (°C)	FLOW RATE GPM (LPM)	CARTRIDGE SIZE (IN.)	CLEAN PRESSURE DROP PSI (KSCM)	SHIP WEIGHT/ CART. (L)
GW5	5	100 (38)	20 (76)	9.75 x 4.5	2.0 (.14)	1.19
GW5-20	5	100 (38)	20 (76)	20.0 x 4.5	2.0 (.14)	2.38
GW25	25	100 (38)	40 (152)	9.75 x 4.5	2.0 (.14)	1.19
GW25-20	25	100 (38)	40 (152)	20.0 x 4.5	2.0 (.14)	2.38



Fine and Heavy Sediment Whole House Filtration Cartridges

Problem

Particulates in your **cold** water.

Solution

A Keystone pleated sediment removal filter.

A single 5 to 10 micron particle of sediment cannot be seen by the naked eye. In large numbers, they become noticeable and objectionable.

Keystone sediment filters utilize a pleated cartridge to provide a large amount of filtration surface area and greater dirt holding capacity. In water and water-like liquids, dirt is trapped on the outside surfaces of the filter cartridge. The large surface area of a pleated cartridge greatly increases the life of the filter and allows our filters to perform in the same manner as the hard working, long lasting air and oil filters in your car. Independent tests prove that a pleated cartridge will last 2 to 3 times longer than other types of sediment cartridges.

A 5 micron filter cartridge provides adequate filtration for most situations. Keystone's addition of a small amount of polyester to the pleated media extends the cartridge life by adding strength for high pressure situations.

Choose from the following cartridges

Normal to Fine Sediment

MODEL NUMBER	DESCRIPTION	MAXIMUM OPERATING TEMP. °F (°C)	MICRON RATING	CARTRIDGE SIZE (IN.)	SHIPPING WEIGHT/ CART. (OZ.).
GCP5	Cellulose/Polyester	180 (82)	5	9.75 x 4.5	11
GCP5-20	Cellulose/Polyester	180 (82)	5	20.0 x 4.5	20
GC10	Cellulose	125 (52)	10	9.75 x 4.5	10
GC10-20	Cellulose	125 (52)	10	20.0 x 4.5	19

Heavy Sediment

MODEL NUMBER	DESCRIPTION	MAXIMUM OPERATING TEMP. °F (°C)	MICRON RATING	CARTRIDGE SIZE (IN.)	SHIPPING WEIGHT/ CART. (OZ.).
GPE30	Polyester	180 (82)	30	9.75 x 4.5	10
GPE30-20	Polyester	180 (82)	30	20.0 x 4.5	19
GPE50	Polyester	180 (82)	50	9.75 x 4.5	10
GPE50-20	Polyester	180 (82)	50	20.0 x 4.5	19

Flow rate on 9-3/4" cartridges is 1-30 GPM

Flow rate on 20" cartridges is 1-50 GPM

All materials used are FDA grade

More Options from Keystone Filter



Sediment Filters
Request Bulletin KF-2S



Taste and Odor Filters
Request Bulletin KF-2TO



Giant Housings
Request Bulletin GH-1



Giant Taste and Odor Cartridges
Request Bulletin GFK-2TO



Keystone Filter

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