

# GIANT BAG HOUSINGS

A NEW GENERATION  
OF HOUSINGS



Keystone Filter Division

## *New! Economical Bag Housings*



# Keystone Filter has taken a GIANT step in the development of GIANT Bag Housings. These units offer a lightweight alternative to costly metallic bag vessels.



- Both 1½" and 1" NPT connections are included in every GIANT filter head. (Also available with British pipe threads).
- Best when used with Keystone's exclusive 4"x10" or 20" nominal positive seal bags.
- May accept standard 4" bags. Call our engineering department with your requirement.
- Drain not provided with clear bowls (CGB10, CGB20). Do not tap drain in clear bowl.
- Head and sump threads incorporate Keystone's EXCLUSIVE positive stop feature to prevent overtightening.
- O-ring is securely retained in groove at top of bowl so that it stays in place even during bag replacement.
- Custom colors available by special order.
- Full testing to industry standards of the Water Quality Association for burst pressure, water tightness and fatigue resistance.
- FDA grade material for potable water.
- The GIANT-series bag vessel's economical price allows you to install a preferred "duplex system" for totally uninterrupted flow rates.
- All GIANT talc and natural vessels come standard with gauge, wrench and 1/4" drain valve.

10" Giant Flow Pressure Drop		20" Giant Flow Pressure Drop	
(GPM)	(PSI)	(GPM)	(PSI)
5	0.6	5	0.4
10	0.4	10	0.6
15	1.2	15	0.9
20	1.8	20	1.5
25	2.5	25	2.4
30	3.5	30	3.4
35	4.7	35	4.7
40	5.9	40	6.1
		45	7.8

# GIANT Talc Polypropylene and Clear Styrene Bag Housings



GIANT bag housings offer the following unique features:

- Available with Keystone's EXCLUSIVE 10" and 20" clear styrene acrylonitrile (SAN) bowl or our 10" and 20" blue talc reinforced polypropylene bowl.
- Both 1/2" and 1" NPT connections are included in every GIANT filter head. (Also available with British pipe threads).
- Mounting bosses in head for available bracket.
- Talc unit comes complete with pressure gauge, basket support, polypropylene drain plugs, wrench and ball valve to drain sump.
- Clear unit comes complete with pressure gauge, basket support, polypropylene plugs and wrench. **Drain is not provided with clear bowls(CGB10, CGB20). Do not tap drain in clear bowl.**

## General Service Parameters

### GIANT Talc Reinforced Polypropylene - Models BGBD10 and BGBD20

These housings are ideal for a variety of applications where polypropylene is suitable including:

- Fine Chemicals
- Food and Beverage
- Coatings
- Process Water
- Wastewater
- Well Water Prefiltration

### GIANT Clear Bowl with Talc Reinforced Head - CGB10 and CGB20

This unique **clear** vessel is rugged enough to handle cold water applications to **125 psi**. It is a perfect solution for pilot plant and start-up processes where direct visual observation is desirable.

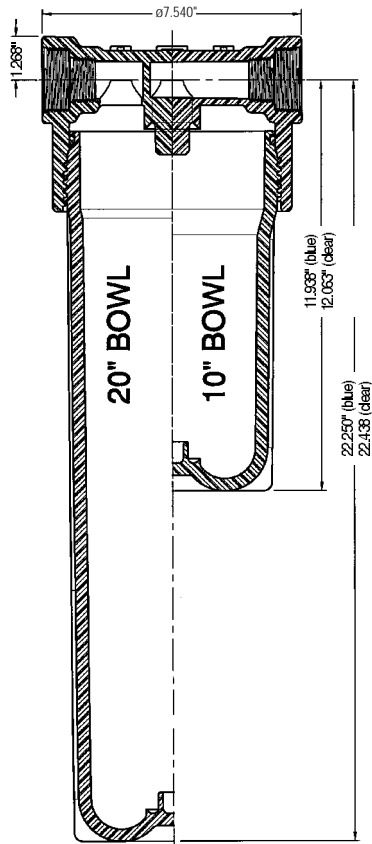
## Applications include:

- Water Treatment - process water, water well pre-filtration, bottled water production
- Food Processing
- Beverage - bottled water, fruit juices, beer, wines
- Reverse Osmosis Pre-filtration

## For Cold Water Applications

MODEL NUMBER	MAXIMUM OPERATING TEMP. °F (°C)	MAXIMUM OPERATING PRESS. PSI* (KCSH)	SHIPPING WEIGHT (LBS)**	BAG SIZE	HOUSING MATERIAL AND STYLE
BGBD10	125 (52)	125 (10.5)	5.10	Nominal 10"	White Polypro Head, Blue Polypro Bowl
BGBD20	125 (52)	125 (10.5)	7.13	Nominal 20"	White Polypro Head, Blue Polypro Bowl
CGB10	125 (52)	125 (10.5)	4.13	Nominal 10"	White Polypro Head, Clear Styrene Bowl
CGB20	125 (52)	125 (10.5)	7.12	Nominal 20"	White Polypro Head, Clear Styrene Bowl

\*At 70°F(21°C) \*\*Multiply by 4 to obtain weight per case.





# GIANT Pure Polypropylene Bag Housings

Keystone® GIANT pure polypropylene bag housings are ideal for use in all industries where filtered liquids must remain totally free of contamination. These housings are especially essential in the semi-conductor, pharmaceutical and chemical processing industries. They are constructed entirely of virgin polypropylene without color, adders, fillers, reinforcements or lubricants.

In critical applications, these all natural housings ensure pure, cost effective filtration of a variety of solvents, acids, alcohols and chemicals without leaching or bacterial build up. Keystone 100% polypropylene housings provide an inexpensive alternative to Teflon\* or fluoropolymer housings.

\* Teflon™ is a Registered Trademark of E. I. duPont deNemours & Co.

## Features include:

- ¥ 100% polypropylene construction
- ¥ Smooth contact surfaces to prevent bacteria and dirt buildup
- ¥ Utilizes a non-lubricated silicone O-ring as standard
- ¥ Comes complete with pressure gauge, drain plugs, basket support, ball valve and wrench

## Applications include:

- ¥ Deionized water
- ¥ Laboratory instrumentation and equipment
- ¥ Pharmaceutical/cosmetic solvents
- ¥ Electronic solutions and chemicals
- ¥ Post-filter for reverse osmosis or ultrafiltration

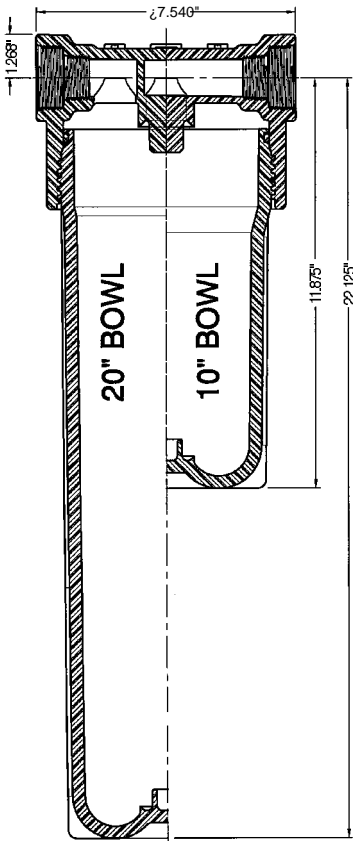
## Cartridge Housings

MODEL NUMBER	MAXIMUM OPERATING TEMP. °F (°C)	MAXIMUM OPERATING PRESS. PSI* (KCSH)	SHIPPING WEIGHT LBS**	SIZE	HOUSING STYLE
NPGBD10	125 (52)	125 (10.5)	3.13	Nominal 10"	w/ tapped drain
NPGBD20	125 (52)	125 (10.5)	5.15	Nominal 20"	w/ tapped drain

\*At 70°F(21°C)

\*\*Multiply by 4 to obtain weight per case.

1/4" NPT top and bottom drain



# Warranty

This warranty covers the filter housing only. The life expectancy of Keystone cartridges and bags varies with individual circumstances and water supply. We warrant each new Keystone Water Filter to be free from defects in material and workmanship for a period of two years from date of purchase in normal use as per these instructions. Our obligation under this warranty is to repair or replace any parts which upon our inspection prove to be defective in material or workmanship. Filters must be returned prepaid to your distributor or to our Hatfield, PA plant. This warranty does not apply to any filter damaged or broken due to faulty installation, misuse, or improper handling. Nor is it intended to cover any labor charges involved in the replacement of said filter.



## Keystone Filter Division

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