

# GIANT SERIES REINFORCED NYLON HOUSINGS

FOR HOT WATER/  
HIGH PRESSURE SERVICE



## Keystone Filter Division



## GIANT Reinforced Nylon Cartridge Housings

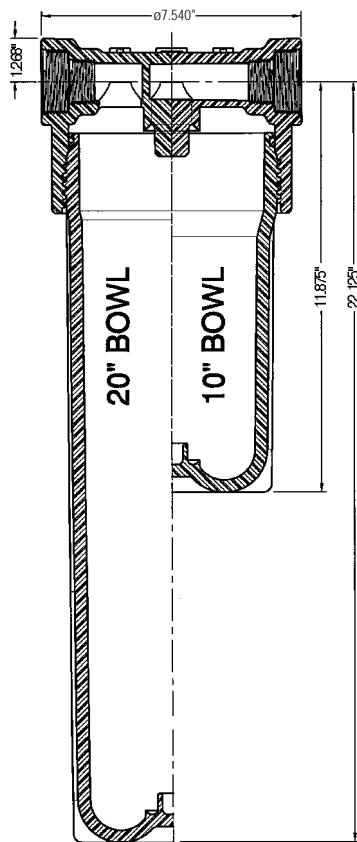
### Problem:

Are you in need of a economical, lightweight, high capacity, **high temperature** cartridge housing?

### Solution:

Keystone GIANT reinforced nylon cartridge housings are suitable for hot water/high pressure service. These units offer a lightweight alternative to costly metallic vessels. Features include:

- 3 Both 1½" and 1" NPT connections are included in every GIANT filter head. (Also available with British pipe threads)
- 3 High strength glass reinforced head and bowl
- 3 Head and sump threads incorporate Keystone's EXCLUSIVE positive stop feature to prevent overtightening
- 3 O-ring is securely retained in groove at the top of bowl so that it stays in place even during cartridge replacement
- 3 Economical price allows you to install a preferred "duplex system" for totally uninterrupted flow
- 3 Full testing to industry standards of the Water Quality Association for burst pressure, water tightness and fatigue resistance
- 3 Not available with pressure relief vent button
- 3 Mounting bosses in head for available bracket
- 3 FDA grade material for potable water



### Cartridge Housings for Hot Water/High Pressure Applications

MODEL NUMBER	MAXIMUM OPERATING TEMP. °F (°C)	MAXIMUM OPERATING PRESS. PSI (KCSH)	SHIPPING WEIGHT (LBS)	SIZE	HOUSING MATERIAL AND STYLE
HTGX10	200 (94)	200 (14)	5.88	Full	Reinforced Nylon Head and Bowl
HTGX20	200 (94)	200 (14)	8.25	Double	Reinforced Nylon Head and Bowl

All inlet/outlet ports are 1" and 1-1/2"

### Cartridge Choices

MODEL NUMBER	DESCRIPTION	MAXIMUM OPERATING TEMP. °F (°C)	MICRON RATING	CARTRIDGE SIZE (IN.)	SHIPPING WEIGHT/ CART. (OZ.)
<b>Normal to Fine Sediment</b>					
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
<b>Heavy Sediment</b>					
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  
All materials used are FDA grade

Flow rate on 20" cartridges is 1-50 GPM  
For temperatures above 180°F, please call with application information

# GIANT Reinforced Nylon Bag Housings

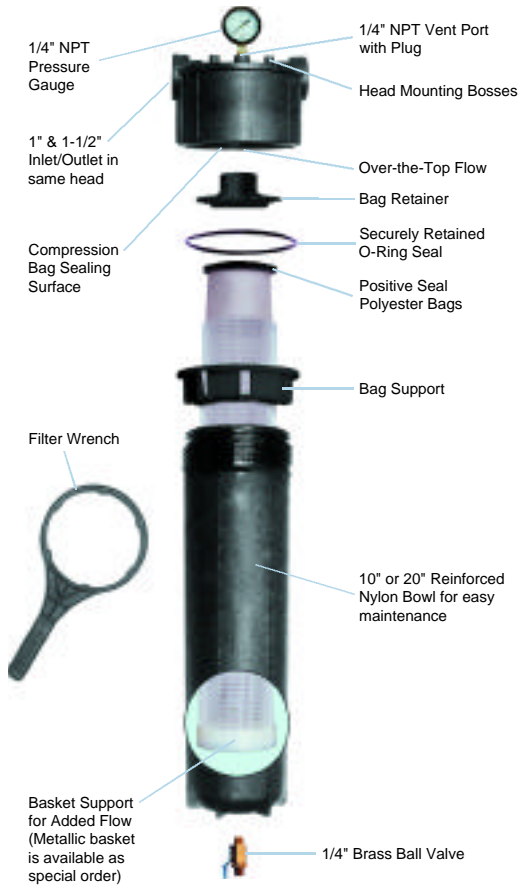
## Problem:

Are you in need of a economical, lightweight, high capacity, **high temperature** bag housing?

## Solution:

Keystone GIANT reinforced nylon bag housings are suitable for hot water/high pressure service. These units offer a lightweight alternative to costly metallic bag vessels. Features include:

- 3 Both 1½" and 1" NPT connections are included in every GIANT filter head. (Also available with British pipe threads)
- 3 Best performance when used with Keystone's exclusive 4" x 10" or 4" x 20" positive seal bags. (May accept other standard 4" bags. Call our engineering department with your requirements).
- 3 Head and sump threads incorporate Keystone's EXCLUSIVE positive stop feature to prevent overtightening
- 3 O-ring is securely retained in groove at the top of bowl so that it stays in place even during bag replacement
- 3 Economical price allows you to install a preferred "duplex system" for totally uninterrupted flow
- 3 GIANT reinforced nylon bag vessels come standard with pressure gauge, basket support, ball valve, wrench and drain plugs
- 3 High strength glass reinforced head and bowl
- 3 Full testing to industry standards of the Water Quality Association for burst pressure, water tightness and fatigue resistance
- 3 Not available with pressure relief vent button
- 3 Mounting bosses in head for available bracket
- 3 FDA grade material for potable water



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

## Bag Housings for Hot Water/High Pressure Applications

MODEL NUMBER	MAXIMUM OPERATING TEMP. °F (°C)	MAXIMUM OPERATING PRESS. PSI* (KCSH)	SHIPPING WEIGHT (LBS)**	BAG SIZE	HOUSING MATERIAL AND STYLE
HTGB10	200 (94)	200 (14)	6.50	10" Nominal	Reinforced Nylon Head and Bowl
HTGB20	200 (94)	200 (14)	9.54	20" Nominal	Reinforced Nylon Head and Bowl

\*At 70°F(21°C) All inlet/outlet ports are 1" and 1-1/2"



## Keystone Filter Division

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