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Quality Control
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- Filter Housings
- Filter Cartridges • Filter Elements
- Sand Separators • Filter Housing Packages

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FILTER HOUSING PACKAGES

Filter housing packages are available which include:

- Filter Head
- Filter Bowl
- Filter Wrench
- Mounting Bracket
- NBR "O"-Ring plus one extra replacement

Standard Housing Package

- Utilizes industry standard cartridges
- Max. Operating Temp: 120°F (50°C)
- Max. Operating Pressure: 125 PSI

Bowl Lengths

- 10" Clear
- 10" Blue



Deluxe Housing Package

- Utilizes industry standard cartridges
- Max. Operating Temp: 120°F (50°C)
- Max. Operating Pressure: 125 PSI

- ### Bowl Lengths
- 10" & 20" Clear
 - 10" & 20" Blue



Valve-In-Head Package

- Utilizes industry standard cartridges
- Max. Operating Temp: 120°F (50°C)
- Max. Operating Pressure: 125 PSI
- On, Off and By Pass positions built into head

- ### Bowl Lengths
- 10" Clear
 - 10" Blue



Giant Housing Package

- Accepts 4 1/2" filter cartridges
- Max. Operating Temp: 120°F (50°C)
- Max. Operating Pressure:
10" Bowl: 100 PSI
20" Bowl: 90 PSI

- ### Bowl Lengths
- 10" Blue
 - 20" Blue



FILTER HOUSINGS



Giant Clear Sump Filter Housings

Applications

- Water Wells
- Drip Irrigation
- Greenhouses
- Whole House
- Agriculture

Inlet/Outlet

- 1" & 1 1/2" FPT

Flow GPM

- 1-20*
- 1-25*

Features / Construction / Ratings

- Manufactured from FDA grade material for potable water
- Head comes with dual 1" FPT and 1 1/2" FPT threads on both inlet and outlet connections, c/w pressure relief/bleed button on inlet side
- Positive "stop" in white polypropylene head and clear styrene acrylonitrile (SAN) bowl connecting threads prevents overtightening
- Securely retained "O"-ring ensures an effective seal between head and bowl, eliminating potential leaks due to misplacement of "O"-ring
- Accepts industry standard cartridge size
- Max. Operating Temp: 125°F (52°C)
- Max. Operating Pressure: 125 PSI at 70°F (21°C)

In-Line "T" Filter Housings

Applications

Designed for installation on suction or discharge side of pump on systems with flow rates between 10 - 100 GPM and provide effective means for removing large volumes of sediment. Ideal for whole house filtration, agricultural, commercial and industrial applications.

Inlet/Outlet Model#

- | | |
|---------------|---------|
| • 1" Slip | 43-H10T |
| • 1 1/2" Slip | 43-H15T |
| • 2" Slip | 43-H20T |

Features / Construction / Ratings

- Molded heavy duty PVC filter body
- Spin out action creates centrifugal force that particulate is forced outward to the filter bowl protecting the filter element from abrasion
- Shipped complete with a purge valve for the 1/2" MPT drain cleanout port providing easy means to flush filtrates which are deposited outside the filter screen without having to shut off the water supply
- All materials are non-corrosive and are ultraviolet stabilized / weather resistant
- Clear polycarbonate filter bowl allows for visual inspection of flow, filter performance
- Max. Operating Temp: 100°F (38°C)
- Max. Operating Pressure: 150 PSI



Giant High Temperature Housings

Applications

- Hot Water / Liquids
- Gasoline • Photographic
- Alcohols • Vegetable Oils
- Toluene / Xylene
- Salt Water Fisheries

Inlet/Outlet

- 1" & 1 1/2" FPT

Flow GPM

- 1-20*
- 1-25*

Features / Construction / Ratings

- Manufactured from glass reinforced nylon
- Head comes with dual 1" FPT and 1 1/2" FPT threads on both inlet and outlet connections, not available with pressure relief / bleed button
- Positive "stop" in black glass reinforced nylon head and bowl connecting threads prevents overtightening
- Securely retained "O"-ring ensures an effective seal between head and bowl, eliminating potential leaks due to misplacement of "O"-ring
- Accepts industry standard cartridge size
- Max. Operating Temp: 200°F (93°C)
- Max. Operating Pressure: 200 PSI

*Actual maximum flow rates vs. pressure drop will be determined based on cartridge selections and fluid viscosity.



Dedicated Sales Rep for Your Area

FILTRATION PRODUCTS

Extreme Temp. / Pressure Single Tube Stainless Steel Housing Package

Applications

- Restaurants
- Institutional
- Industrial Use
- Farms
- Chemical

Inlet/Outlet

- 3/4" FPT

Bowl Length

- 10"
- 20"

Features / Construction

- Recommended for high pressure and hot water applications not suited for plastic housings
- These heavy duty units for point of use, and smaller filtration systems are manufactured from 316 Stainless Steel bowl with a 3/4" FPT connection S.S. head
- Positive seal between filter head & bowl is ensured by a compression fit "O"-ring seal. Filter head is held in place by a Stainless Steel retainer ring.
- All units are supplied with a pipe plug in the bottom for draining the bowl, this plug can be replaced with a pet-cock installed
- Shipped complete with S.S. mounting bracket, hardware & wrench
- Accepts industry standard cartridge size
- Max. Operating Temp: 300°F (149°C)
- Max. Operating Pressure: 300 PSI (when filter has pipe plug installed)



Sediment Cartridges

Available:

Pleated Cellulose Cartridges
Micron Rating: 5-20

1 Micron Absolute Pleated Polypropylene
Micron Rating: 1 Absolute* **NSF 61 approved**
**The Water Quality Association defines absolute cartridges as being 99.9% efficient or more at stated micron ratings*

Pleated Polyester Cartridges
Micron Rating: 0.35-50

String Wound "FDA" Polypropylene
Micron Rating: 1-50

Spun Polypropylene Depth Cartridges
Micron Rating: 1-50 **NSF 42 approved**

Giant String Wound "FDA" Polypropylene
Micron Rating: 1-50

Giant Pleated Polyester Cartridges
Micron Rating: 1-50

Giant Spun Polypropylene Depth Cartridges
Micron Rating: 1-25 **NSF 42 approved**



High Temp. Sediment Cartridges

Available:

High Temperature Pleated Polyester
Micron Rating: 1-50 Max Temp: 200°F (93°C)

High Temperature String Wound Bleach Cotton
Micron Rating: 5-10 Max Temp: 300°F (149°C)

Giant High Temperature String Wound Bleach Cotton
Micron Rating: 5-10 Max Temp: 300°F (149°C)

High Temperature String Wound Natural Cotton
Micron Rating: 5-10 Max Temp: 300°F (149°C)

Taste and Odor Reduction Cartridges

Available:

Carbon Briquette / Multimedia Cartridges
Micron Rating: 0.5 **NSF 42 approved**

Carbon Briquette "Cyst Removal NSF" Cartridges
Micron Rating: 0.5

Carbon Block (Briquette) Cartridges
Micron Rating: 5-10 **NSF 42 approved**

Activated Carbon Powder - Impregnated Cellulose Cartridges
Micron Rating: 5-10

Giant Carbon Block (Briquette) Cartridges
Micron Rating: 5-10

FILTRATION PRODUCTS

1 1/2" & 2" Combo Filter Housings

Applications

Designed for installation on suction or discharge side of pump on systems with flow rates between 10 - 100 GPM and provide effective means for removing large volumes of sediment. Ideal for whole house filtration, agricultural, commercial and industrial applications.

Inlet/Outlet Model#

- 1 1/2" Slip 43-H15C
- 2" Slip 43-H20C
- Max. Operating Temp: 100°F (38°C)
- Max. Operating Pressure: 150 PSI



Features / Construction / Ratings

- Spin out action creates centrifugal force that particulate is forced outward to the filter bowl protecting the filter element from abrasion
- Versatile heavy duty PVC combo filter head allows for "L" or in line "T" installation. Each filter includes one slip bushing with a 1 1/4" threaded plug to close off the outlet which is not required while leaving an optional 1 1/4" outlet that can be utilized at a later time
- Shipped complete with a purge valve for the 1/2" MPT drain cleanout port providing easy means to flush filtrates which are deposited outside the filter screen without having to shut off the water supply
- Clear polycarbonate filter bowl allows for visual inspection of flow, filter performance



1" In-Line "T" Sand Separators - Housings

Applications

Designed for installation on suction or discharge side of pump on systems with flow rates up to 25 GPM and provide effective means for removing large volumes of sediment. This separator housing has an extended filter bowl providing greater sediment holding capacity than the standard 1" "T" housing. Ideal for whole house filtration, agricultural, commercial and industrial applications.

Inlet/Outlet Model#

- 1" Slip 43-H10S

Features / Construction / Ratings

- Molded heavy duty PVC filter body
- Spin out action creates centrifugal force that particulate is forced outward to the filter bowl protecting the filter element from abrasion
- Shipped complete with a purge valve for the 1/2" MPT drain cleanout port providing easy means to flush filtrates which are deposited outside the filter screen without having to shut off the water supply
- All materials are non-corrosive and are ultraviolet stabilized / weather resistant
- Clear polycarbonate filter bowl allows for visual inspection of flow, filter performance
- Max. Operating Temp: 100°F (38°C)
- Max. Operating Pressure: 150 PSI

Mesh Filter Elements & Sand Separator Elements for "T" & Combo Filters

- Available in a wide range of Mesh and Micron in Polyester and 316 Stainless Steel
- Max. Operating Temp: 100°F (38°C)



Accessories/Replacement Parts

- Replacement Filter Heads
- Replacement Filter Bowls
- PVC Replacement Purge Valves
- Sch.#40 PVC FPT Bushings
- "O"-Ring Kits
- 1 1/4" MPT Plugs
- Cover Guards for 1" Housing (UV Protection)
- 1" Slip x 1" MPT Male Adapters (for 43-H10T models)
- 1" Slip x 1" FPT Female Adapters (for 43-H10T/43-H10S models)

Components may not meet Prop. 65. Contact Boshart Industries head office for more information. 1-800-561-3164



97% Fill Rate

FILTRATION PRODUCTS

Housing Ordering Information

14HK-S_ 10 C-07

XXXX	XX	XX	X-XX	Inlet/Outlet Connection 07 (3/4"), 10 (1"), 15 (1.5")
				Bowl Color: "C" Clear Bowl, "B" Blue Bowl, "R" Red Bowl, "BK" Black Bowl
				Bowl Length: 10, 20, 30 and 40 inch
				Housing Style: "S" Standard "D" Deluxe "V" Valve-In-Head
				"G" Giant "HT" High Temp "SS" S.S. Single Tube
				Filter Group: "14H" Housings "14A" Filter Accessories "14" Filter Cartridges
				"14HK" Housing Kit "14PT" Replacement Parts

Cartridge Ordering Information

14 - PPE 1 - 05

XX	XXX	X	XX	Nominal Micron Rating: 0.35=0.35 micron, 05=5 micron, 10=10 micron, 20=20 micron, etc.
				Nominal Cartridge: Length 1=9 3/4", 2=20", 3=30", 4=40"
				Cartridge Style (Models starting with "G" are for giant filter housings):
				"PCE" & "GPCE" Pleated Cellulose "PP" & "GPP" Pleated Polypropylene "EPPE", "PPE" & "GPPE" Pleated Polyester
				"HPPE" High Temp. Pltd Polyester "SP" & "GSP" Spun Polypropylene "SWP" & "GSWP" String Wound Polypropylene
				"HSWC" High Temp. String W. Cotton "PAC" & "GPAC" Powder Activated Carbon "CBQ" Carbon Block (Briquette)
				"GAC" & "GGAC" Granular Act. Carbon "CB" & "GCB" Carbon Block "CCR" Carbon Cyst Removal
				"CCLR" Carbon Briquette/Multimedia "IMC" Icemaker "TOS" Taste / Odor & Scale
				Filter Group: "14H" Housings "14A" Filter Accessories "14" Filter Cartridges
				"14HK" Housing Kit "14PT" Replacement Parts

Important Filtration Facts

NSF (NATIONAL SANITARY FOUNDATION) STANDARDS INFO: Notes such as "meets / conforms to NSF standard 42, 53, 61" do not mean or guarantee that the cartridge is actually NSF approved. This may indicate that the manufacturer has manufactured the cartridge in accordance to this standard.

NSF STANDARD 42 - Drinking water treatment units - aesthetic effects. Standard 42 covers point-of-use and point-of-entry (POU/POE) systems designed to reduce specific aesthetic, or non-health effects contaminants (chlorine, TDS, particulates) that may be found in drinking water that is considered to be microbiologically safe; **NSF 53 - Drinking water treatment units - health effects.** It covers point-of-use and point-of-entry (POU/POE) systems designed to reduce specific health related contaminants (cryptosporidium and giardia cysts, volatile organic chemicals, lead, etc.) that may be present in public or private drinking water that is considered to be microbiologically safe; **NSF 61 - covers specific materials or products that come into contact with drinking water, drinking water chemicals, or both.**

FLOW RATES: Actual maximum flow rates vs. pressure drop will be determined based on cartridge selections and fluid viscosity. Signals that replacement of the cartridge is or soon may be necessary.



Many Products...One Source