

EXPLORE THE WORLD OF



HYDRO SYSTEMS
INTERNATIONAL
NEW YORK



The resources of a world leader working for you.

Hydro System International, NY has coupled the resources of a world leader in injection molding with over thirty years expertise in the design, engineering and manufacturing of fluid purification and water treatment system. Now, Hydro Systems International can bring you the filtration and purification products and technologies that meet the challenges of today's regulatory requirements. Hydro Systems International's unequaled quality, reliability and value are found in every product. The impressive selection of water filters, filter elements cater to every application, every use and requirement and every a budget, but the superb technology and performance are standard.

Mission

Water is the most important substance in our lives.

Over 70% of our Earth is covered with water, yet so little natural water is available that's safe and acceptable for drinking. A healthy body's constant need for high-quality water makes it one substance we cannot live without. The continuing threats to our water supply make it ever more important for us to be attentive to the quality of the water we drink and use for cooking. For the peace of mind we all want, knowledgeable and concerned individuals look to their water professionals for answer on the best way to assure quality water in our families.

Why should we treat our water?

The impurities found in natural waters make them unsuitable for drinking and cooking. Our water utilities spend billions of dollars working to make it safe. Yet we have several important reasons why we choose to treat our water in the home.

- Published reports of contaminants by-passing our public utilities
- contaminants added by the water distribution systems
- ground-water contamination affecting our wells
- our desire to further improve the taste, odor and clarity of our home water

Why choose Hydro Systems?

By choosing Hydro System International, you benefit from the decades of water treatment experience our individuals have in product, design, manufacturing and customer care. With over 50 issued United States patents related to water treatment products, there is no better testament to the inventive and customer-driven capabilities we offer.



HYDRO SYSTEMS

I20 BYPASS HOUSINGS



Professional filter cartridge housings can be used in a broad range of residential, commercial and industrial applications. Accept standard length in 2" 1/2 OD standard. rugged corrosion resistant materials used long trouble free life. Sumps available clear by Polycarbonate or SAN and opaque white by Polypropylene

**VALVE IN HEAD DESIGN OFFER THREE POSITION:
FILTER - OFF - BYPASS MODES.**

**THREE PIECE DESIGN WITH RING NUT FEATURE ALLOWS FOR QUICK & EASY ASSEMBLY.
AUTO PRESSURE VENTING RELIEF, TURNING THE SELECTOR BY PASS VALVE.**

- Food grade material made
- Max working pressure 100 psi (6,9 bar)
- Max working temperature 100°F (38° C)
- 3/4" - 1" NPT port size (plastic / Brass inserts / AISI 304 L inserts)
- Mounting brackets & wrenches

I20 BYPASS HOUSINGS

MODELS	DESCRIPTION	DIMENSIONS	MAX PRESSURE DROP
I20-3155	housing with opaque white sump, for 10" cartridges	13,3" x 5,5"	4 psid @ 8 gpm
I20-3255	housing with clear sump, for 10" cartridges	13,3" x 5,5"	4 psid @ 8 gpm
I20-4155	housing with opaque white sump, for 20" cartridges	23,4" x 5,5"	6 psdi @ 12 gpm
I20-4255	housing with clear sump, for 20" cartridges	23,4" x 5,5"	6 psdi @ 12 gpm



Tested and Certified by NSF International against NSF /ANSI Standard 42 for materials and structural integrity requirements.

HYDRO SYSTEMS

I36 JUMBO BP HOUSINGS



Professional filter cartridge housings series suitable for high-flow and for high capacity applications. Accept standard length in 4" 1/2 OD standard. Rugged corrosion resistant materials used long trouble free life.

Sumps available clear by Polycarbonate or SAN and opaque white by Polypropylene.

VALVE IN HEAD DESIGN OFFER THREE POSITION:

FILTER - OFF - BYPASS MODES.

THREE PIECE DESIGN WITH RING NUT FEATURE ALLOWS FOR QUICK & EASY ASSEMBLY.

PUSH BOTTON VENT ALLOWS PRESSURE RELIEF AND AIR BLEEDING.

PREMIUM BOTTOM SUMP DRAIN PORT

- Food grade material made
- Max working pressure 100psi (6,9 bar)
- Max working temperature 100°F (38°C)
- 1" - 1"1/2 NPT plastic port size
- Heavy duty metal mounting bracket

I36 JUMBO BP HOUSINGS

MODELS	DESCRIPTION	DIMENSIONS	MAX PRESSURE DROP
I36-3155	housing with opaque white sump, for 10" cartridges	16" x 8"	2 psid @ 10 gpm
I36-3255	housing with clear sump, for 10" cartridges	16" x 8"	2 psid @ 10 gpm
I36-4155	housing with opaque white sump, for 20" cartridges	26" x 8"	2 psid @ 10 gpm
I36-4255	housing with clear sump, for 20" cartridges	26" x 8"	2 psid @ 10 gpm

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HYDRO SYSTEMS I13 HOUSINGS



Professional filter cartridge housings can be used in a broad range of residential, commercial and industrial applications. Accept standard length in 2" 1/2 OD standard. Rugged corrosion resistant materials used long trouble free life. Sumps available clear by Polycarbonate or SAN and opaque white by Polypropylene

THREE PIECE DESIGN WITH RING NUT FEATURE ALLOWS FOR QUICK & EASY ASSEMBLY. PUSH BOTTON VENT ALLOWS PRESSURE RELIEF AND AIR BLEEDING.

- Food grade material made
- Max working pressure 100psi (6,9 bar)
- Max working temperature 100°F (38°C)
- 3/4" - 1" NPT port size (plastic / Brass inserts / AISI 304L inserts)
- Mounting brackets & wrenches

I13 HOUSINGS

MODELS	DESCRIPTION	DIMENSIONS	MAX PRESSURE DROP
I13-3135	housing with opaque white sump, for 10" cartridges	12,5" x 5,3"	2 psid @ 8 gpm
I13-3235	housing with clear sump, for 10" cartridges	12,5" x 5,3"	2 psid @ 8 gpm
I13-4135	housing with opaque white sump, for 20" cartridges	22,6" x 5,3"	3 psdi @ 12 gpm
I13-4235	housing with clear sump, for 20" cartridges	22,6" x 5,3"	3 psdi @ 12 gpm



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HYDRO SYSTEMS

I34 JUMBO HOUSINGS



Professional filter cartridge housings series suitable for high-flow and for high capacity applications. Accept standard length in 4"1/2 OD standard. Rugged corrosion resistant materials used long trouble free life. Sumps available clear by Polycarbonate or SAN and opaque white by Polypropylene

THREE PIECE DESIGN WITH RING NUT FEATURE ALLOWS FOR QUICK & EASY ASSEMBLY. PUSH BOTTON VENT ALLOWS PRESSURE RELIEF AND AIR BLEEDING. PREMIUM BOTTOM SUMP DRAIN PORT

- Food grade material made
- Max working pressure 100psi (6,9 bar)
- Max working temperature 100°F (38°C)
- 1" - 1"1/2 NPT PLASTIC port size -
- 3/4" - 1" - 1" 1/2 NPT with brass or AISI304L inserts
- Heavy duty metal mounting bracket

I34 JUMBO HOUSINGS

MODELS	DESCRIPTION	DIMENSIONS	MAX PRESSURE DROP
134-3155	housing with opaque white sump, for 10" cartridges	15,4" x 8"	1 psid @ 10 gpm
134-3255	housing with clear sump, for 10" cartridges	15,4" x 8"	1 psid @ 10 gpm
134-4135	housing with opaque white sump, for 20" cartridges	25,4" x 8"	1 psid @ 10 gpm
134-4235	housing with clear sump, for 20" cartridges	25,4" x 8"	1 psid @ 10 gpm

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HYDRO SYSTEMS

I23-I33-223 HOUSINGS



Most economical three pieces style filter cartridge housings can be used in a broad range of residential, commercial and industrial applications. Accepts standard length in 2" 1/2 OD standard, 5" - 10" and 20". Rugged corrosion resistant material used to provide long trouble free life.

Sumps available clear by SAN and opaque white by Polypropylene

THREE PIECE DESIGN FOR BEST ECONOMY.

PUSH BOTTON VENT ALLOWS PRESSURE RELIEF AND AIR BLEEDING. (optional without pressure vent bottom).

- Food grade material made
- Max working pressure 100psi (6,9 bar)
- Max working temperature 100°F (38°C)
- 1/4" - 3/8" - 3/4" -1" NPT BRASS INSERTS port size



I23-I33-223 HOUSINGS

MODELS	DESCRIPTION	DIMENSIONS	MAX PRESSURE DROP
223-5124	housing with opaque white sump, for 4"7/8 cartridges	7,20" x 4,9"	1 psdi @ 4 gpm
223-52524	housing with clear sump, for 4"7/8 cartridges	7,20" x 4,9"	1 psdi @ 4 gpm
223-3135	housing with opaque white sump, for 10" cartridges	11,7" x 4,9"	2 psid @ 8 gpm
223-3235	housing with clear sump, for 10" cartridges	11,7" x 4,9"	2 psid @ 8 gpm
223-4135	housing with opaque white sump, for 20" cartridges	23,6" x 4,9"	3 psdi @ 12 gpm
223-4235	housing with clear sump, for 20" cartridges	23,6" x 4,9"	3 psdi @ 12 gpm



Tested and Certified by NSF International against NSF /ANSI Standard 42 for materials and structural integrity requirements.

HYDRO SYSTEMS

I02 HOUSINGS



Economical filter cartridge housings can be used in a broad range of residential, commercial and industrial applications. Accepts standard length in 2"1/2 OD standard, 5" - 10" and 20". Rugged corrosion resistant material used to provide long trouble free life.

Sumps available clear by SAN and opaque white by Polypropylene

TWO PIECE DESIGN FOR BEST ECONOMY.

PUSH BOTTON VENT ALLOWS PRESSURE RELIEF AND AIR BLEEDING. (optional without pressure vent bottom).

- Food grade material made
- Max working pressure 100psi (6,9 bar)
- Max working temperature 100°F (38°C)
- 1/4" - 3/8" - 3/4" NPT PLASTIC port size

I02 HOUSINGS

MODELS	DESCRIPTION	DIMENSIONS	PRESSURE (drop ⁽¹⁾ max)
I02-5124	housing with opaque white sump, for 4"7/8 cartridges	7" x 4,9"	1 psdi @ 4 gpm
I02-5224	housing with clear sump, for 4"7/8 cartridges	7" x 4,9"	1 psid @ 4 gpm
I02-1124	housing with opaque white sump, for 10" cartridges	12,4" x 4,9"	2 psid @ 8 gpm
I02-1224	housing with clear sump, for 10" cartridges	12,4" x 4,9"	2 psid @ 8 gpm
I02-2124	housing with opaque white sump, for 20" cartridges	22,5" x 4,9"	3 psdi @ 12 gpm

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HYDRO SYSTEMS

EMPTY CANISTERS HOUSINGS



A series of EMPTY CANISTERS suitable for use with granular or resin size water treatment application media.

Food grade material Made.
 2" 7/8 OD size available in 5" - 10" - 20" length.
 4" 1/2 OD size available in 10" - 20" length.



113 HOUSINGS

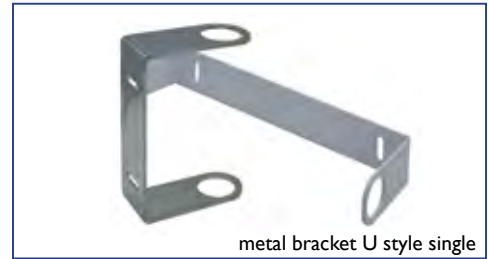
MODELS	DESCRIPTION	MAX DIMENSIONS	MEDIA VOLUME
7466 - 5 SHL	EMPTY SHELL 5"	5" x 2" 7/8 OD	18 cub inc
7466 - 10 SHL	EMPTY SHELL 10"	10" x 2" 7/8 OD	38 cub inc
7466 - 20 SHL	EMPTY SHELL 20"	20" x 2" 7/8 OD	76 cub inc
7466 J - 10 SHL	EMPTY 10" JUMBO SHELL	10" x 4" 1/2 OD	120 cub inc
7466 J - 20 SHL	EMPTY 20" JUMBO SHELL	20" x 4" 1/2 OD	260 cub inc

120 ACCESSORIES

MODELS	DESCRIPTION
BR - 46	metal bracket U style single
BR - 46 D	metal bracket U style double
WR - 34	plastic wrench for 120 design
GI01 -05	O-ring 120 sump

120 OPTIONALS

OPTION	SUFFIX
brass insert ports	- B
3/4" NPT ports	- 3/4
1" NPT ports	- I
sump drain	- D

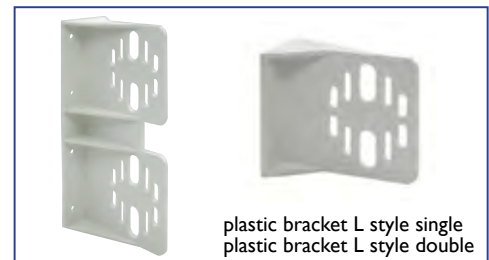


113 ACCESSORIES

MODELS	DESCRIPTION
BR - 31	plastic bracket L style single
BR - 34	plastic bracket L style double
WR - 34	plastic wrench for 113 design
GI01 -05	O-ring 113 sump

113 OPTIONALS

OPTION	SUFFIX
brass insert ports	- B
3/4" NPT ports	- 3/4
1" NPT ports	- I
sump drain	- D



I34 ACCESSORIES

MODELS	DESCRIPTION
BR - 45	JUMBO single white painted metal bracket L style
BR - 45 -D	JUMBO double white painted metal bracket L style
BR - 45 - SS	JUMBO single Steel bracket L style
BR - 45 SSD	JUMBO double Steel bracket L style
VR - 40	plastic wrench for I36 design
GI01-24	O-ring jumbo white sump
GI01 - 22	O-ring jumbo clear sump

I34 OPTIONALS

OPTION	SUFFIX
brass inserts ports	- B
3/4" NPT ports	- 3/4 B
1" NPT ports	- I
1" 1/2 NPT ports	- I,5
sump drain	- D



I36 ACCESSORIES

MODELS	DESCRIPTION
BR - 45	JUMBO single white painted metal bracket L style
BR - 45 -D	JUMBO double white painted metal bracket L style
BR - 45 - SS	JUMBO single Steel bracket L style
BR - 45 SSD	JUMBO double Steel bracket L style
VR - 40	plastic wrench for I36 design
GI01-24	O-ring jumbo white sump
GI01 - 22	O-ring jumbo clear sump

I36 OPTIONALS

OPTION	SUFFIX
1" NPT ports	- I
1" 1/2 NPT ports	- I,5
sump drain	- D



223 ACCESSORIES

MODELS	DESCRIPTION
BR - 31	plastic bracket L style single
BR - 34	plastic bracket L style double
VR - .41	plastic wrench for 223 design
GI01 -01	O-ring for 223 sump

223 OPTIONALS

OPTION	SUFFIX
no pressure vent	-NV
1/4" NPT PORTS	- 1/4
3/8" NPT PORTS	- 3/8
1/2" NPT PORTS	- 1/2
3/4" NPT PORTS	- 3/4
BRASS INSERTS PORTS	- B
1" NPT BRASS PORTS	- I

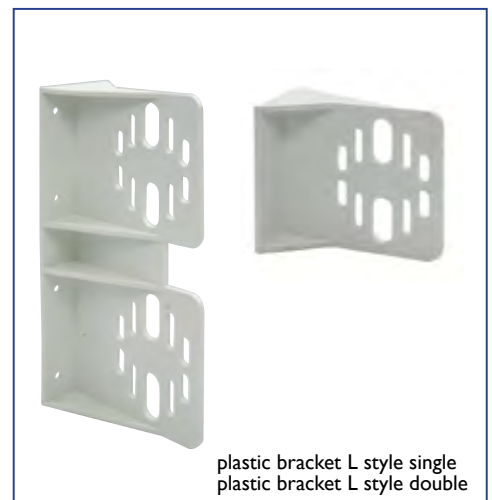


102 ACCESSORIES

MODELS	DESCRIPTION
BR - 31	plastic bracket L style single
BR - 34	plastic bracket L style double
Wr - 32	plastic wrench for 102 design
GI01 - 01	O-ring for 102 sump

102 OPTIONALS

OPTION	SUFFIX
no pressure vent	-NV
1/4" NPT PORTS	- 1/4
3/8" NPT PORTS	- 3/8
1/2" NPT PORTS	- 1/2
3/4" NPT PORTS	- 3/4





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