

## For Residential and Light Commercial Applications

Job Name \_\_\_\_\_

Contractor \_\_\_\_\_

Job Location \_\_\_\_\_

Approval \_\_\_\_\_

Engineer \_\_\_\_\_

Contractor's P.O. No. \_\_\_\_\_

Approval \_\_\_\_\_

Representative \_\_\_\_\_

# Plastic Filter Housings

## Top Quality and Economical Plastic Filter Housings

### Single Cartridge Filter Housings

Sizes: 1/4" – 1 1/2" (6 – 40mm)

Our poly filter housings are manufactured from the highest quality, FDA grade, 100% polypropylene and acrylic styrene (for clear housings). Leak-proof sealing is accomplished by compression against a top seated EPDM O-ring located in the housing's sump. Thick wall and added ribs make the housings ideal for a wide range of applications. Polypropylene construction provides excellent chemical resistance in most installations environments. Housings supplied with and without pressure relief valves. See specifications table for pressure and temperature ratings.

### Full product line

We offer a complete line of poly filter housings for virtually every application where single cartridge housings are typically used. Select from standard, heavy-duty, full-flow, high-purity, high-temp and valve-in-head models.

### Features

- Full product line for more types, models, pipe fittings and options
- Heavy-duty construction, made using high-quality FDA grade polypropylene
- Superior chemical resistance from many aggressive chemicals
- Buttress thread design for superior security
- Thick side walls with heavy-duty ribs to provide greater strength
- Temperature rated to 125°F (52°C)
- Cap, sump and top-seated O-rings compress to provide leak proof sealing

See specifications table for more details.

### NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

## PURE WATER



**Buttress thread design —**  
Provides greater security

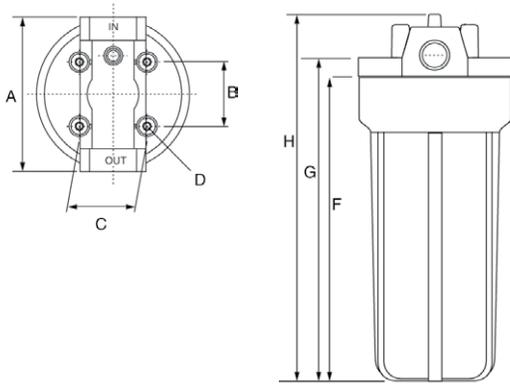


**Heavy-duty construction —**  
Housings are made entirely of the highest quality FDA grade polypropylene

### ⚠ WARNING

Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

## Dimensions



HOUSING TYPE	SIZE	DIMENSIONS													
		A		B		C		D		F		G		H	
	in.	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
Blue/Black/Clear	10	4.72	120	1.57	40	1.18	30	1.18	30	10.5	267	11.0	279	11.8	300
Blue/Black/Clear	20	4.72	120	1.57	40	1.18	30	1.18	30	20.47	520	21.26	540	22.8	579
High Temp	10	5.35	136	2.22	56	2.28	58	0.23	6	10.43	265	11.49	292	12.5	318
High Temp	20	5.35	136	2.22	56	2.28	58	0.23	6	20.47	520	21.26	540	22.8	579
Full Flow (FF)	10	7.28	186	3.03	77	3.03	77	0.275	7	11.33	288	11.57	294	14.0	356
Full Flow (FF)	20	7.28	186	3.03	77	3.03	77	0.275	7	21.25	540	21.65	550	24.0	25



**Full Flow (FF) Series**  
(10" and 20")



**High Temp**  
(10" and 20")



**Blue/Black**  
(10" and 20")



**Clear**  
(10" and 20")

## Specifications

Material: sumps & caps	FDA grade polypropylene.
Material: O-rings	EPDM is standard; Viton is available as a spare part.
Maximum temperature (standard)	125°F (52°C)
Maximum temperature (high temp)	200°F (93°C)
Minimum temperature	40°F (4°C)
Maximum pressure (standard)	125psi (8.75 bar)
Maximum pressure (full flow)	90psi (6.3 bar)



**PWHIB10BB - PWHIB10FF**

## Individually Boxed Plastic Housings in Master Cartons

MODEL NO.	ORDERING CODE	SIZE	PIPE	TYPE	SUMP	CAP	CASE QTY.
PWHIB34VIH	7100267	10"	3/4"	Valve-In-Head	Clear	White	4
PWHIB10FF	7100268	10"	1"	Full Flow (FF)	Blue	Black	4
PWHIB10FFCL	7100516	10"	1"	Full Flow (FF)	Clear	Black	4
PWHIB20FF	7100269	20"	1"	Full Flow (FF)	Blue	Black	4

\*Complete with housing, wrench, bracket and mounting screws

## Poly Filter Housing

MODEL NO.	ORDERING CODE	SIZE	PIPE	SUMP	CAP	# CASE
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### White Housings

PWHP512W	7100589	5"	½"	White	White	12
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### Clear Housings

PWHP1014C	7100270	10"	¼"	Clear	White	4
PWHP1014CPR	7100271	10"	¼"	Clear	White PR	4
PWHP1012C	7100272	10"	½"	Clear	White	4
PWHP1012CPR	7100273	10"	½"	Clear	White PR	4
PWHP1034C	7100274	10"	¾"	Clear	White	4
PWHP1034CPR	7100275	10"	¾"	Clear	White PR	4
PWHP10FF1CPR	7100284	10"	1"	Clear	Black PR	4
PWHP20FF1CPR	7100285	20"	1"	Clear	Black PR	4

### 10" Residential Housings

PWHP1014B	7100276	10"	¼"	Blue	Black	4
PWHP1014BPR	7100277	10"	¼"	Blue	Black PR	4
PWHP1012B	7100278	10"	½"	Blue	Black	4
PWHP1012BPR	7100279	10"	½"	Blue	Black PR	4
PWHP1034B	7100280	10"	¾"	Blue	Black	4
PWHP1034BPR	7100281	10"	¾"	Blue	Black PR	4

### 20" Residential Housings

PWHP2012B	7100282	20"	½"	Blue	Black	6
PWHP2012BPR	7100283	20"	½"	Blue	Black PR	6

### 10" Full Flow Housings

PWHP10FF34BPR	7100286	10"	¾"	Blue	Black PR	4
PWHP10FF1B	7100287	10"	1"	Blue	Black	4
PWHP10FF1BPR	7100288	10"	1"	Blue	Black PR	4
PWHP10FF15B	7100289	10"	1½"	Blue	Black	4
PWHP10FF15BPR	7100290	10"	1½"	Blue	Black PR	4

### 20" Full Flow Housings

PWHP20FF34BPR	7100291	20"	¾"	Blue	Black PR	4
PWHP20FF1B	7100292	20"	1"	Blue	Black	4
PWHP20FF1BPR	7100293	20"	1"	Blue	Black PR	4
PWHP20FF15B	7100294	20"	1½"	Blue	Black	4
PWHP20FF15BPR	7100295	20"	1½"	Blue	Black PR	4

### High Temp Housings (200°F / 93°C)

PWHPHT1034	7100296	10"	¾"	Red	Red	4
PWHPHT2034	7100297	20"	¾"	Red	Red	4

### Mounting Brackets - includes housing mounting screws

PWMBVIH	7300605	Brkt, VIH Housing				1
PWMBSTD1	7100463	Single, 10" & 20" Residential Housings				1
PWMBSTD2	7100464	Double, 10" & 20" Residential Housings				1
PWMBSTD3	7100465	Triple, 10" & 20" Residential Housings				1
PWMBFF1	7100466	Single, 10" & 20" Full Flow Housing				1
PWMBFF2	7100467	Double, 10" & 20" Full Flow Housing				1
PWMBFF3	7100468	Triple, 10" & 20" Full Flow Housing				1

### Wrenches

PWWRSTDHSG	7100298	Wrench for Residential Housings				1
PWWRFFHSG	7100299	Wrench for Full Flow Housing				1
PWWRHSHSG	7300618	Hi Temp Housing Wrench				
PWWRDUAL	7100300	Dual Wrench for Membrane and Residential Filter Housings				1

### Mounting Screws

PWMSSTDHSG	7300393	Mounting Screws for standard Housings				1
PWMSFFHSG	7300395	Mounting Screws for Full Flow Housings				1

### O-Rings

PWORSTDHSG	7300397	O-Ring for standard housings				1
PWORFFHSG	7300398	O-Ring for Full Flow housings				1
PWORHSHSG	7300399	O-Ring for high temp housings				1



*A Watts Water Technologies Company*

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