

## PLUS HOT 3P Filter Housings

Designed for high temperature applications.

Atlas Filtri® PLUS HOT 3P housings are a cost-effective alternative to stainless steel and carbon steel housings. They are designed to work with standard filter cartridges with an outer diameter of 2.5" (from 2.0" to 2.5" applicable). Standard versions are designed to accommodate double open-ended cartridges, version with a drain valve are designed to accommodate double o-ring cartridges. All housings can withstand temperature up to 176°F (80°C) with a pressure rating at 125 psi (8.6 bar). The three-piece housing is designed to compress the o-ring evenly between the housing and the head assembly, without stretching or distorting. The result is a more even and consistent seal, reducing o-ring damage that could lead to leaks.

Available with NPT tapered IN/OUT connections in 3/4" and 1", the housings adapt to a variety of application with hot water. PLUS HOT 3P housings are offered in 10" or 20" lengths which are also available as models with a drain kit, fit for double-ring cartridge.

A full set of dedicated accessories are available, including housing wrench, plastic wall mount brackets and LubriKit+, a food grade lubricant to be used to properly lubricate the sump housing o-ring.

A specialty range of double-open ended string-wound filter cartridges, FA-HOT, is fabricated with reinforced red inner-core and designed to work in combination with Plus Hot 3P housings. FA-HOT are cost-effective alternative to string wound cartridges with stainless-steel inner-core for filtration at high temperature. Besides FA-HOT, a range of filter cartridges is offered in melt-blown polypropylene (CPP) and stainless steel washable net (RA and SA). They are available as both double open-ended and double o-ring cartridges.

Atlas Filtri is driven to providing our customer with the best available products to meet specific filtration requirements. This is done by using the most advanced manufacturing and design methods. The international patents received come from a constant commitment to research and development that result in new and innovative products.

Check out more about Atlas Filtri at [atlasfiltri.com](http://atlasfiltri.com).



3P Filter Housings

### Features

- Suitable for cartridges with 2.5"OD
- Standard models fit to double open-ended cartridges
- Models with drain valve fit to cartridges with double-ring
- Available in 10" and 20" lengths
- Temperature rating at 176°F (80°C)
- Pressure rating at 125 psi (8.6 bar)
- NPT connection ports 3/4" and 1"
- Pressure-relief feature that includes an o-ring seal  
No spring is used that can result in a water leak
- Accessories available are filter wrench, wall mount bracket, lubricant for housing o-ring

### Specifications

- **Materials:**
  - Heads:* Reinforced nylon
  - Ring Nut:* Reinforced nylon
  - Sumps:* Reinforced nylon
  - O-rings:* EPDM
- **Working Conditions:**
  - Max Pressure:* 125 psi (8.6 bar)
  - Temperature Range:* 39.2°F - 176°F (4°C - 80°C)

### Certifications



Housings certified by IAPMO RT to NSF/ANSI 42.  
Structural Integrity Only and CSA B483.1 - Structural Integrity Only.

## PRODUCT SPECIFICATION AND PERFORMANCE

Listed Plus Hot 3P are standard models for double open-ended cartridges.  
Specifications for 10" and 20" housings apply also to -S- models with drain valve.

Part No.	Model	Filter H	In/Out	Max Dimensions H x W	Pressure Drop @ Flow Rate
RA111P510	Senior Plus HOT 3P AFP NPT SX AB	10"	3/4"	12.40" x 5.24" (315 x 133 mm)	0.44 psi @ 7 gpm (0.03 bar @ 26 lpm)
RA111P710	Senior Plus HOT 3P BFP NPT SX AB	10"	1"	22.71" x 5.71" (577 x 145 mm)	0.60 psi @ 10 gpm (0.04 bar @ 38 lpm)
RA115P509	Master RT Plus HOT 3P AFP NPT SX AB	20"	3/4"	12.40" x 5.24" (315 x 133 mm)	0.44 psi @ 7 gpm (0.03 bar @ 26 lpm)
RA115P709	Master RT Plus HOT 3P BFP NPT SX AB	20"	1"	22.71" x 5.71" (577 x 145 mm)	0.60 psi @ 10 gpm (0.04 bar @ 38 lpm)

## ACCESSORIES INCLUDED

Part No.	Model
LB7221133	DRAIN KIT, 1/2" NPT FOR -S MODELS



## ACCESSORIES ON DEMAND/ORDER SEPARATELY

Part No.	Model
RB7403004	-N- WRENCH BLACK
RB7400007	-S- WALL BRACKET BLUE
RE9020660	LUBRIKIT+



## SPARE PARTS

Part No.	Model
AA7516362	PLUS 3P SUMP O-RING
LA9062105	KIT OF FOUR (4) TSP 4.2 X 19 DIN 7982* Screws For Plus 3P Wall Brackets



## SUITABLE FILTER CARTRIDGES

Range of filter cartridges fit to PLUS HOT 3P housings for applications in high temperatures.



FA SX HOT



CPP SX



CPP SX  
w/ScaleArmor™



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