

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 (5" and 7" available upon minimum quantity) 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 customers with the best available products to meet their 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 develop that result in new and innovative products.

Check out more about Atlas Filtri at www.atlasfiltri.com



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 (5" and 7" available upon minimum quantity).
- 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

Working pressure: Max 125 psi (8.6 bar).
Working temperature range:
Min 39.2°F (4°C) - Max 176°F (80°C).

CERTIFICATIONS



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

PRODUCTS SPECIFICATIONS 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 HxW	PRESSURE DROP@FLOW RATE
RA107P510	Medium Plus HOT 3P AFP NPT SX AB	5"	3/4"	7.52" x 5.24" (191x133 mm)	0.44psi@7gpm (0.03bar @26 lpm)
RA107P810	Medium Plus HOT 3P BFP NPT SX AB	5"	1"	7.76" x 5.71" (197x145 mm)	0.60psi@10gpm (0.04bar@38 lpm)
RA109P510	Junior Plus HOT 3P AFP NPT SX AB	7"	3/4"	9.49" x 5.24" (241x133 mm)	0.44psi@7gpm (0.03bar @26 lpm)
RA109P810	Junior Plus HOT 3P BFP NPT SX AB	7"	1"	9.72" x 5.71" (247x145 mm)	0.60psi@10gpm (0.04bar@38 lpm)
RA111P510	Senior Plus HOT 3P AFP NPT SX AB	10"	3/4"	12.40" x 5.24" (315x133 mm)	0.44psi@7gpm (0.03bar @26 lpm)
RA111P710	Senior Plus HOT 3P BFP NPT SX AB	10"	1"	12.64" x 5.71" (321x145 mm)	0.60psi@10gpm (0.04bar@38 lpm)
RA115P509	Master RT Plus HOT 3P AFP NPT SX AB	20"	3/4"	22.48" x 5.24" (571x133 mm)	0.44psi@7gpm (0.03bar @26 lpm)
RA115P709	Master RT Plus HOT 3P BFP NPT SX AB	20"	1"	22.71" x 5.71" (577x145 mm)	0.60psi@10gpm (0.04bar@38 lpm)



ACCESSORIES INCLUDED

LB7221130 DRAIN KIT for -S- models

ACCESSORIES ON DEMAND/ORDER SEPARATELY

RB7403004 -N- WRENCH BLACK
 RB7400007 -S- WALL BRACKET BLUE
 RE9020650 LUBRIKIT - O-Ring Lubricant

SPARE PARTS

AA7516362 PLUS 3P SUMP O-RING
 LA9062105 KIT of four (4) TSP 4.2x19 DIN 7982* screws for PLUS 3P Wall Brackets

* TSP 4.2x19 DIN 7982 are mandatory dimensional specs for screws.



SUITABLE FILTER CARTRIDGES

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



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