DP filter housings

Specialty designed filter housings for a wide range of applications

Atlas Filtri DP housings are designed to work with standard filter cartridges with an outer diameter of 2.5” (from 2.0” to 2.5” applicable) and come with a pressure rating of 125 PSI. The design can accommodate both double open-ended and double O-ring cartridges.

Available with NPT tapered IN/OUT connections in 1/4”, 1/2”, 3/4” and 1”, the housings adapt to any water filtration point-of-entry and point-of-use application. Stainless steel inserts are available on various models. DP housings are available in blue, white or clear sumps and are offered in 10” or 20” lengths (5” and 7” available upon minimum quantity). Head assemblies in the double and triple version are patented and uniquely molded as a single manifold unit. This exclusive design reduces labor costs and liability due to water leaks, while making installation faster and easier. This results in saving both time and money. Optional features offered for single housings are models equipped with a drain kit at the bottom of the housing and two gauges at the top.

A full set of dedicated accessories are available including: housing wrench, single, double and triple plastic wall mount brackets, LubriKit (a food grade lubricant to be used to properly lubricate the sump housing O-ring).

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

- MONO/single, DUO/double or TRIO/triple unique manifold heads.
- Mono/single models also available with gauges (single housings only) and drains.
- Suitable for cartridges with 2.5”OD.
- All models fit to both double open-ended and to double O-ring cartridges.
- Available in 5”, 7”, 10” and 20” lengths.
- Clear, blue and white sumps with a pressure rating at 125 psi.
- NPT connection ports 1/4”, 1/2”, 3/4” and 1”.
- NPT connection and Stainless Steel inserts 3/4” available for single models.
- 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, single, double and triple wall mount brackets, lubricant for housing O-ring.

SPECIFICATIONS

Materials:
Heads: reinforced polypropylene.
Blue sumps: PET.
Clear sumps: PET.
O-rings: EPDM.

Working conditions for all versions of DP housings:
Working pressure: Max 125 psi (8.6 bar).
Working temperature range:
Min 39.2°F (4°C) - Max 113°F (45°C).

CERTIFICATIONS

Housings certified by **IAPMO RT to NSF/ANSI 42, 61, 372 - lead free, CSA B483.1.** In compliance with drinking water regulations, USA and Canada.

PRODUCTS SPECIFICATIONS and PERFORMANCE

Listed TS are standard models with Clear Sumps. Specifications apply also to AB-Blue Sump models, BW-White Sump models and to models with Gauges and Drain.
All housings are available aslo in 5” and 7” lenghts.

PART NO.	MODEL	FILTER H	IN/OUT	MAX DIMENSIONS HxW	PRESSURE DROP@FLOW RATE
RA1380121	DP 10 Mono 1/4 NPT IN TS	10”	1/4”	12.80” x 4.80” (325x122 mm)	0.15psi@3gpm (0.01bar@12 lpm)
RA1380321	DP 10 Mono 1/2 NPT IN TS	10”	1/2”	12.80” x 4.80” (325x122 mm)	0.30psi@5gpm (0.02bar@19 lpm)
RA1380421	DP 10 Mono 3/4 NPT IN TS	10”	3/4”	12.80” x 4.80” (325x122 mm)	0.44psi@7gpm (0.03bar @26 lpm)
RA1380721	DP 10 Mono 1 NPT IN TS	10”	1”	12.80” x 4.80” (325x122 mm)	0.60psi@10gpm (0.04bar@38 lpm)
RA1381329	DP 20 RT Mono 1/2 NPT IN TS	20”	1/2”	22.72” x 4.80” (577x122 mm)	0.30psi@5gpm (0.02bar@19 lpm)
RA1381425	DP 20 RT Mono 3/4 NPT IN TS	20”	3/4”	22.72” x 4.80” (577x122 mm)	0.44psi@7gpm (0.03bar @26 lpm)
RA1381725	DP 20 RT Mono 1 NPT IN TS	20”	1”	22.72” x 4.80” (577x122 mm)	0.60psi@10gpm (0.04bar@38 lpm)
RA1390121	DP 10 Duo 1/4 NPT IN TS	10”	1/4”	12.80” x 8.98” (325x228 mm)	0.30psi@3gpm (0.02bar@12 lpm)
RA1390421	DP 10 Duo 3/4 NPT IN TS	10”	3/4”	12.80” x 8.98” (325x228 mm)	0.88psi@7gpm (0.06bar@26 lpm)
RA1390721	DP 10 Duo 1 NPT IN TS	10”	1”	12.80” x 8.98” (325x228 mm)	1.20psi@10gpm (0.08bar@38 lmp)
RA1391423	DP 20 RT Duo 3/4 NPT IN TS	20”	3/4”	22.72” x 8.98” (577x228 mm)	0.88psi@7gpm (0.06bar@26 lpm)
RA1391723	DP 20 RT Duo 1 NPT IN TS	20”	1”	22.72” x 8.98” (577x228 mm)	1.20psi@10gpm (0.08bar@38 lmp)
RA1400121	DP 10 Trio 1/4 NPT IN TS	10”	1/4”	12.80” x 13.23” (325x336 mm)	0.45psi@3gpm (0.03bar@12 lmp)
RA1400421	DP 10 Trio 3/4 NPT IN TS	10”	3/4”	12.80” x 13.23” (325x336 mm)	1.32psi@7gpm (0.09bar@26 lpm)
RA1400721	DP 10 Trio 1 NPT IN TS	10”	1”	12.80” x 13.23” (325x336 mm)	1.80psi@10gpm (0.12bar@38 lpm)
RA1401423	DP 20 RT Trio 3/4 NPT IN TS	20”	3/4”	22.72” x 13.23” (577x336 mm)	1.32psi@7gpm (0.09bar@26 lpm)
RA1401723	DP 20 RT Trio 1 NPT IN TS	20”	1”	22.72” x 13.23” (577x336 mm)	1.80psi@10gpm (0.12bar@38 lpm)

Listed FX and TS are models with Stainless Steel inserts and Clear Sumps. Specifications apply also to AB-Blue Sump models, BW-White Sump models with Stainless Steel Ports.

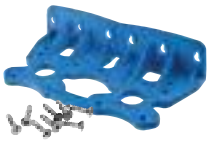
PART NO.	MODEL	FILTER H	IN/OUT	MAX DIMENSIONS HxW	PRESSURE DROP@FLOW RATE
RA1380461	DP 10 Mono 3/4 NPT FX TS	10”	3/4”	12.80” x 4.80” (325x122 mm)	0.44psi@7gpm (0.03bar @26 lpm)
RA1381461	DP 20 RT Mono 3/4 NPT FX TS	20”	3/4”	22.72” x 4.80” (577x122 mm)	0.44psi@7gpm (0.03bar @26 lpm)

LubriKit

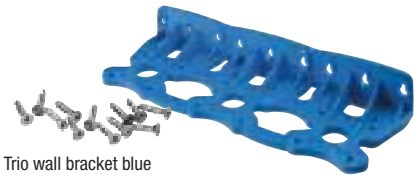
Wrench

-S- wall bracket blue

-S- wall bracket white


Duo wall bracket blue

Duo wall bracket white


Trio wall bracket blue

Trio wall bracket white

ACCESSORIES INCLUDED

LB7406012	FILTERFIT
RB7404010	KIT OF TWO (2) GAUGES 1/8” 0-174 PSI (0-12 BAR) for -M- models
LB7221130	DRAIN KIT for -S- models

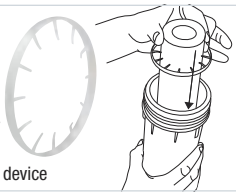
ACCESSORIES ON DEMAND/ORDER SEPARATELY

RB7403017	-X- WRENCH BLACK
RB7400007	-S- WALL BRACKET BLUE
RB7400017	-DUO- WALL BRACKET BLUE
RB7400019	-TRIO- WALL BRACKET BLUE
RB7400008	-S- WALL BRACKET WHITE
RB7400018	-DUO- WALL BRACKET WHITE
RB7400020	-TRIO- WALL BRACKET WHITE
RE9020650	LUBRIKIT - O-Ring Lubricant

SPARE PARTS

AA7514331	DP SUMP O-RING
LA9062105	KIT of four (4) TSP 4.2x19 DIN 7982* screws for DP Wall Brackets

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


FILTERFIT
Cartridge
centering device

Drain kit for -S- models

Gauges for -M- models

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