

HYDRA SELF-CLEANING FILTERS

ACCESSORIES ON DEMAND



Housings HYDRA fit to **EXCLUSIVE HYDRA FILTER CARTRIDGES.**

SX cartridges
with antimicrobial flat seal.



RAH
stainless steel
net cartridge,
filtration at
90 micron.
CODE RA5000020



RAH HOT
stainless steel
net cartridge,
filtration at
90 micron.
CODE RA5080020



RLH
plastic net
cartridge,
filtration at
90 micron.
CODE RA5000010



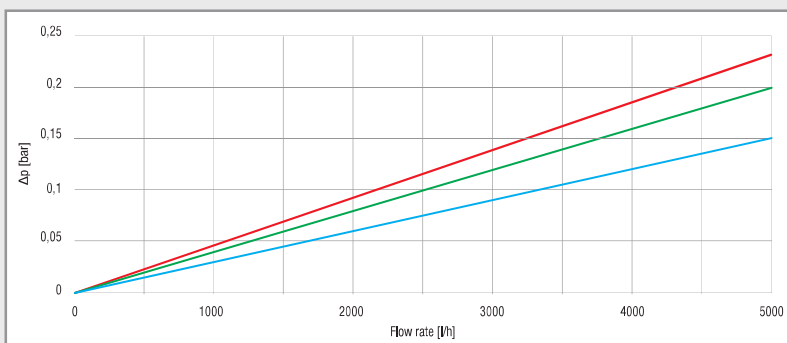
RSH
pleated plastic
net cartridge,
filtration at
50 micron.
CODE RA5000040



All cartridges
are provided
with dedicated
**stainless steel
AISI 302
cartridge spring.**
CODE RE7120040

FLOW RATE vs PRESSURE DROP Δp

Testing mode: 20°C, 3 BAR



RSH ———
RLH ———
RAH ———

CERTIFICATIONS



A range of housings is certified by IAPMO RT to NSF/ANSI 42, 61, 372 - lead free, CSA B483.1. In compliance with Drinking Water Treatment Units regulations, USA and CANADA.



Housings are tested and certified under the most stringent procedures worldwide, in compliance with DM 25 (Italy), with the sanitary certification ACS (France), EAC/Ghostreghistrizia (Russia) and WaterMark (Australia).

SYMBOLS LEGEND



For domestic use



For technical and industrial use



Filter housings made in PET, a highly recyclable plastic, are manufactured with a proprietary procedure saving up to 60% of energy in injection molding compared with standard plastics. That is one of Atlas Filtri commitments to comply with Kyoto Treaty for the reduction of green house gas (CO₂) emissions in the atmosphere.



brass hose-holder
CODE RE7120026



3/4" / 1" brass nipples with o-ring (pair)
CODE RB7404001 / CODE RB7404002



-KIT AUTO- CODE RE7120024
automatic discharge kit (see pages 186-187)



-LUBRIKIT- single-dose lubricant for housing o-ring
CODE RE9020650

ACCESSORIES INCLUDED



-X- spanner



-S- wall bracket
(for HYDRA and HYDRA HOT)



-K DP- wall bracket (for HYDRA K DP) CODE RB7400021

DISCHARGE KIT



brass discharge ball-valve with gasket



plastic hose-holder



drain funnel

In compliance with the European Standard UNI EN 1717/2002: designed to prevent back-flow contamination by making all elements downstream the discharge vent to atmosphere (protection unit symbol: DC)

HOUSINGS RANGE



HYDRA



HYDRA M



HYDRA K DP



HYDRA K DP M



HYDRA HOT

SELF-CLEANING
FILTERS

HYDRA

FILTER MODEL

3/4

IN / OUT

1/2"

3/4"

1"

1 1/4"

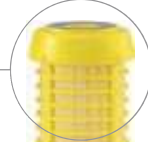
1 1/2"

RLH 90 mcr

FILTER CARTRIDGE

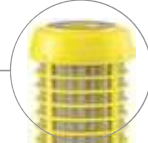
RSH 50 mcr

RLH 90 mcr



RAH HOT 90 mcr

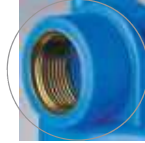
RAH 90 mcr



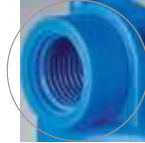
OT

THREADS TYPE

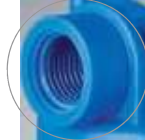
OT - BRASS BSP *



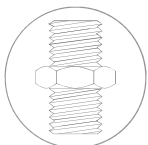
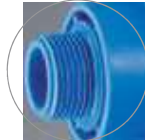
IN - PLASTIC BSP *



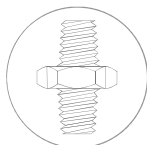
NPT IN - PLASTIC NPT **



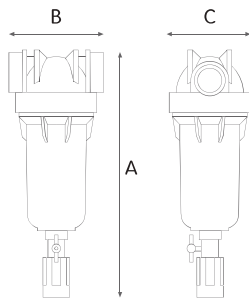
MP - PLASTIC BSP *



* BSP
parallel (cylindrical)
ISO 228



** NPT
tapered (conical)
ANSI/ASME B1.20.1



WORKING CONDITIONS

Max working pressure:
 BSP versions _____ 8 bar (116 psi)
 NPT versions _____ 8,6 bar (125 psi)
 Min working pressure _____ 1,8 bar (26 psi)
 Max working temperature _____ 45°C (113°F)
 Min working temperature _____ 4°C (39,2°F)



DRAIN FUNNEL
 Back-flow preventing device
 UNI EN 1717-11/2002

SPECIFICATIONS

Non-toxic materials, suitable for drinking water.
 Head: reinforced polypropylene.
 Bowl: PET.
 O-ring: EPDM.
 Breather-valve: body stainless steel, o-ring EPDM.
 IN/OUT brass threads: CW 617 N brass.
 Discharge ball-valve: CW 617 N brass nickel plated.
 Drain funnel: reinforced polypropylene.

HYDRA RSH single-stage self-cleaning filters

HOUSINGS WITH BRASS BSP THREADS

CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	FLOW RATE l/h	DIMENSIONS mm		
					A	B	C
RA6000019	HYDRA 1/2" RSH 50 mcr OT	50	1/2"	3500	390	120	107
RA6000020	HYDRA 3/4" RSH 50 mcr OT	50	3/4"	5000	390	120	107
RA6000021	HYDRA 1" RSH 50 mcr OT	50	1"	6000	390	120	107
RA6000026	HYDRA 1"1/4 RSH 50 mcr OT	50	1"1/4	8000	415	120	107
RA6000027	HYDRA 1"1/2 RSH 50 mcr OT	50	1"1/2	10000	415	120	107

HOUSINGS WITH PLASTIC BSP THREADS

CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	FLOW RATE l/h	DIMENSIONS mm		
					A	B	C
RA6000042	HYDRA 1/2" RSH 50 mcr IN	50	1/2"	3500	390	120	107
RA6000043	HYDRA 3/4" RSH 50 mcr IN	50	3/4"	5000	390	120	107
RA6000044	HYDRA 1" RSH 50 mcr IN	50	1"	6000	390	120	107

HOUSINGS WITH PLASTIC NPT THREADS

CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	FLOW RATE l/h	DIMENSIONS mm		
					A	B	C
RA6000055	HYDRA 1/2" RSH 50 mcr NPT IN	50	1/2"	5000	390	120	107
RA6000047	HYDRA 3/4" RSH 50 mcr NPT IN	50	3/4"	5000	390	120	107
RA6000048	HYDRA 1" RSH 50 mcr NPT IN	50	1"	6000	390	120	107

HOUSINGS WITH PLASTIC BSP THREADS

CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	FLOW RATE l/h	DIMENSIONS mm		
					A	B	C
RA6000080	HYDRA 1/2" RSH 50 mcr MP	50	1/2"	3500	390	155	107
RA6000081	HYDRA 3/4" RSH 50 mcr MP	50	3/4"	5000	390	155	107
RA6000082	HYDRA 1" RSH 50 mcr MP	50	1"	6000	390	155	107

Some items in the list are subject to minimum order quantities and/or to longer delivery term.