



HYDRA

self-cleaning filters

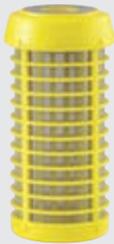
full range of self-cleaning filters with innovative solutions for the efficiency of self-cleaning operation, thanks to a newly designed back-wash system in counter-current which grants the highest particle removal from the filter cartridge

HYDRA SELF-CLEANING FILTERS



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



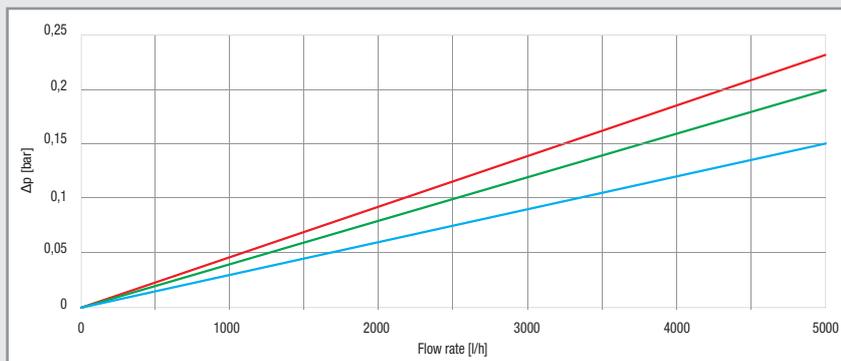
RSH
pleated plastic net cartridge, filtration at 50 micron.
CODE RA5000040



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



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/Ghostreghistracia (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.

ACCESSORIES ON DEMAND



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

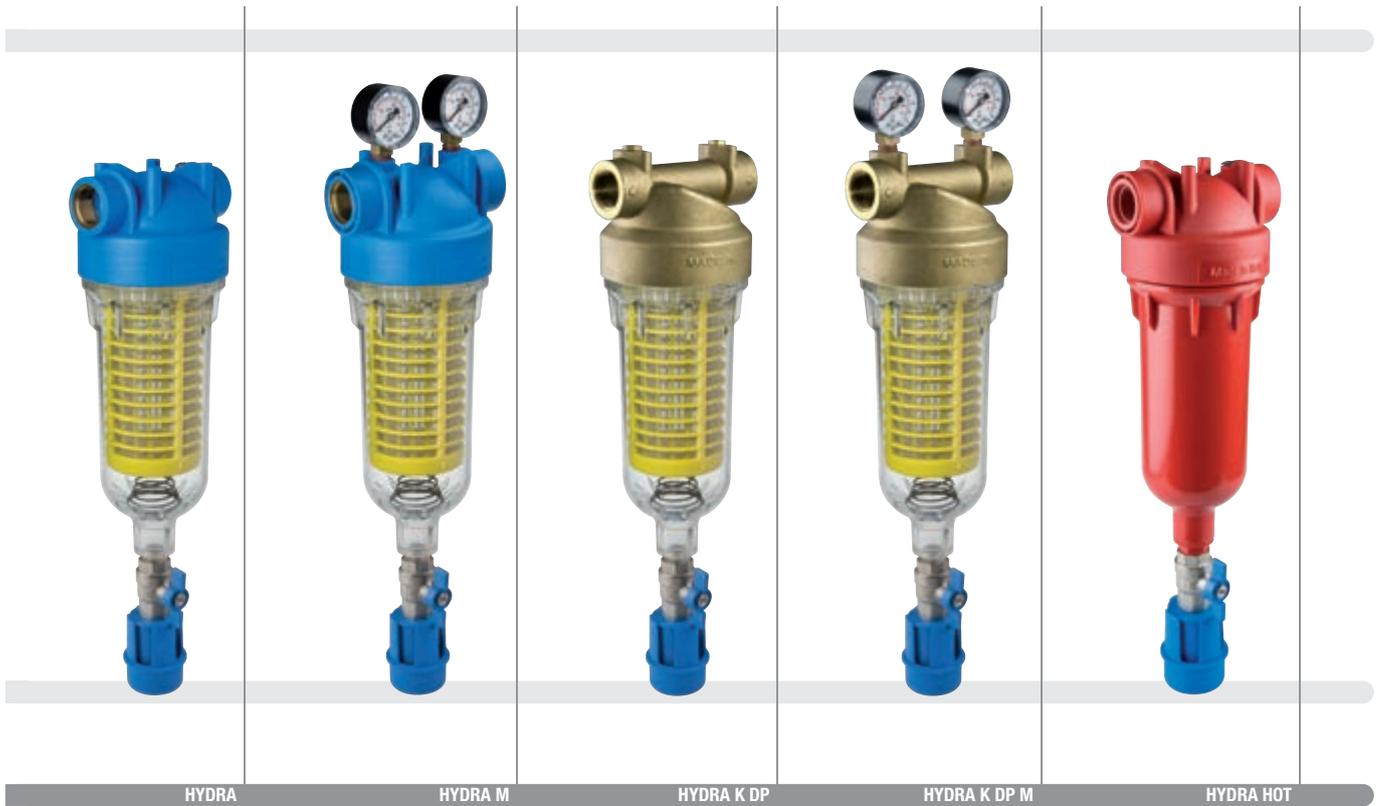


plastic hose-holder



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)



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

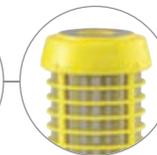
RSH 50 mcr

RLH 90 mcr



RAH HOT 90 mcr

RAH 90 mcr



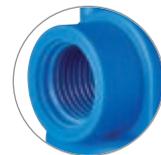
OT

THREADS TYPE

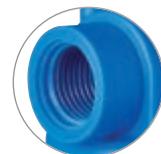
OT - BRASS BSP *



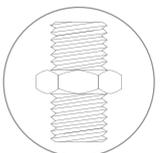
IN - PLASTIC BSP *



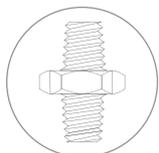
NPT IN - PLASTIC NPT **



MP - PLASTIC BSP *



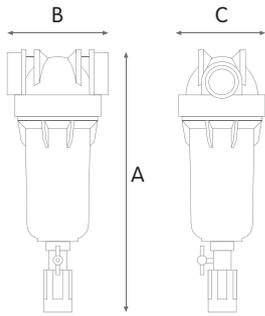
* BSP
parallel (cylindrical)
ISO 228



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



HYDRA HOT



WORKING CONDITIONS

Max working pressure _____ 8,6 bar (125 psi)
 Min working pressure _____ 1,8 bar (26 psi)
 Max working temperature _____ 80°C (176°F)
 Min working temperature _____ 4°C (39,2°F)

SPECIFICATIONS

Non-toxic materials.
 Head: reinforced nylon.
 Bowl: reinforced nylon.
 O-ring: EPDM.
 Breather-valve: body stainless steel, o-ring EPDM.
 Discharge ball-valve: CW 617 N brass nickel plated.
 Drain funnel: reinforced polypropylene.



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

HYDRA HOT single-stage self-cleanig filters

HOUSINGS WITH PLASTIC BSP THREADS

CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	FLOW RATE l/h	DIMENSIONS mm		
					A	B	C
RA6000001	HYDRA HOT 1/2" RAH 90 mcr IN	90	1/2"	3500	390	120	107
RA6000002	HYDRA HOT 3/4" RAH 90 mcr IN	90	3/4"	5000	390	120	107
RA6000003	HYDRA HOT 1" RAH 90 mcr IN	90	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
RA6000005	HYDRA HOT 3/4" RAH 90 mcr NPT IN	90	3/4"	5000	390	120	107
RA6000006	HYDRA HOT 1" RAH 90 mcr NPT IN	90	1"	6000	390	120	107

CERTIFICATIONS



A range of housings is certified by IAPMO RT to NSF/ANSI 42 - Structural Integrity Only and CSA B483.1 - Structural Integrity Only. In compliance with drinking water regulations, USA and CANADA.

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