

Ташев-Галвинг ООД  
[www.tashev-galving.com](http://www.tashev-galving.com)

## HYDRA self-cleaning filters

# HYDRA

HYDRA is a 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. The cleaning operation with back-wash is simply operated by the opening of the discharge valve at the filter bottom, the resulting pressure-drop pushes the specially designed cartridge downward the housing bottom and reverses the water flow from the outer to the inner side of the cartridge, washing away the sediments trapped onto the outer surface of the cartridge. Sediments are then discharged from the bottom valve, which is provided with a drain funnel designed to prevent contamination by back-flow in compliance with the European Standard UNI EN 1717/2002.

HYDRA self-cleaning filters are available in 3 main versions:

- **HYDRA:** manually operated self-cleaning filters, also available as **HYDRA M** models with 2 manometers.
- **HYDRA AUTO:** fully automatic self-cleaning filters, operated by a dual program timer, also available as **HYDRA AUTO M** with 2 manometers
- **HYDRA HOT:** manually operated self-cleaning filters applicable for hot water filtration.

HYDRA and HYDRA AUTO self-cleaning filters are available in 3 main models with exclusive filter cartridges:

- **RAH** models with stainless steel net cartridge, filtration at 90 micron.
- **RLH** models with plastic net cartridge, filtration at 90 micron.
- **RSH** models with pleated plastic net cartridge, filtration at 50 micron

IN/OUT connections are available at 1/2", 3/4", 1", 1-1/4", 1-1/2" with brass or plastic BSP threads, or with NPT plastic threads at 3/4" and 1".

Flow rate ranges from 3000 to 10000 l/h.

HYDRA HOT are available with RAH stainless steel net cartridge, filtration at 90 micron, IN/OUT connections at 1/2", 3/4", 1" with plastic BSP threads, or with NPT plastic threads at 3/4" and 1". Flow rate ranges from 3000 to 6000 l/h.

HYDRA are manufactured with the finest and most advanced materials under constant focus on innovative processing technologies and ceaseless modernization to ensure the absolute quality of our products, certified under the most stringent certification procedures and standards: ACS (France), ANSI/NSF (USA), GOST (Russia).

All HYDRA are provided complete with a full set of accessories: wall bracket, opening spanner, discharge hose-holder, drain funnel and a complete discharge valve kit.



# HYDRA SELF-CLEANING FILTERS

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



**SX** cartridges with standard flat seals.



**Dual timer** with setting of self-cleaning intervals and setting of self-cleaning duration.



Discharge solenoid valve

CE - Dual timer and discharge solenoid valve for **HYDRA AUTO** models are in compliance with European regulation "EN 61558-2-6".

## CERTIFICATIONS



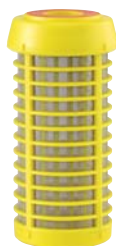
A range of housings is **tested and certified by WQA** against NSF/ANSI Standards 42 and 61 for material safety and structural integrity requirements only. In compliance with drinking water regulations, USA.

in compliance with  
Italian regulation  
D.M. 174/2004

Attestation de  
Conformité  
Sanitaire  
**ACS**

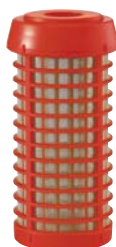


The products are tested and certified under the most stringent procedures worldwide, achieving the **certification of compliance with DM 174/2004**, the sanitary certifications **ACS (France)** and **GOST (Russia)**.



**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



With dedicated  
**stainless steel  
AISI 316 cartridge spring.**  
CODE RE7120040

## ACCESSORIES ON DEMAND



brass hose-holder CODE RE7120026



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

1" brass nipples with o-ring (pair) CODE RB7404002

## ACCESSORY INCLUDED



-X- spanner



-S- wall bracket

## DISCHARGE KIT



brass discharge  
ball-valve with gasket



plastic  
hose-holder



plastic nipple  
with o-ring



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)

## 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 (CO<sub>2</sub>) emissions in the atmosphere.

Ташев Галвинг ООД  
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HYDRA

FILTER MODEL

3/4

IN / OUT

1/2"

3/4"

1"

1-1/4"

1-1/2"

OT

THREADS TYPE

OT - BRASS BSP \*

IN - PLASTIC BSP \*

NPT IN - PLASTIC NPT \*\*

RLH 90 mcr

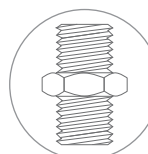
FILTER CARTRIDGE

RLH 90 mcr

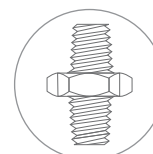
RAH HOT 90 mcr

RAH 90 mcr

RSH 50 mcr



\* BSP  
parallel (cylindrical)  
ISO 228



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





# HYDRA

## WORKING CONDITIONS

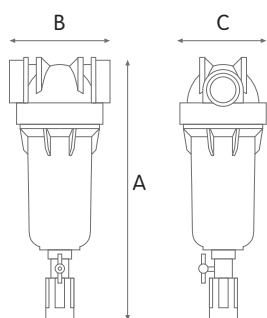
Max working pressure \_\_\_\_\_ 8 bar (116 psi)  
Max working temperature \_\_\_\_\_ 45°C (113°F)



**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 614 N brass.



## HYDRA RLH single-stage self-cleaning filters

### HOUSINGS WITH BRASS BSP THREADS

CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	THREADS	FLOW RATE l/h	DIMENSIONS mm		
						A	B	C
RA6000010	HYDRA 1/2" RLH 90 mcr	90	1/2"	BRASS- BSP	3500	390	120	107
RA6000011	HYDRA 3/4" RLH 90 mcr	90	3/4"	BRASS- BSP	5000	390	120	107
RA6000012	HYDRA 1" RLH 90 mcr	90	1"	BRASS- BSP	6000	390	120	107
RA6000022	HYDRA 1-1/4" RLH 90 mcr	90	1"1/4"	BRASS- BSP	8000	415	120	107
RA6000023	HYDRA 1-1/2" RLH 90 mcr	90	1"1/2"	BRASS- BSP	10000	415	120	107



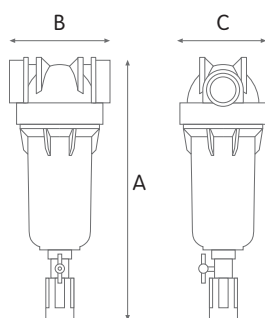
### HOUSINGS WITH PLASTIC BSP THREADS

CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	THREADS	FLOW RATE l/h	DIMENSIONS mm		
						A	B	C
RA6000028	HYDRA 1/2" RLH 90 mcr IN	90	1/2"	PLASTIC-BSP	3500	390	120	107
RA6000029	HYDRA 3/4" RLH 90 mcr IN	90	3/4"	PLASTIC-BSP	5000	390	120	107
RA6000030	HYDRA 1" RLH 90 mcr IN	90	1"	PLASTIC-BSP	6000	390	120	107
RA6000031	HYDRA 1-1/4" RLH 90 mcr IN	90	1"1/4"	PLASTIC-BSP	8000	415	120	107
RA6000032	HYDRA 1-1/2" RLH 90 mcr IN	90	1"1/2"	PLASTIC-BSP	10000	415	120	107



### HOUSINGS WITH PLASTIC NPT THREADS

CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	THREADS	FLOW RATE l/h	DIMENSIONS mm		
						A	B	C
RA6000033	HYDRA 3/4" RLH 90 mcr NPT IN	90	3/4"	PLASTIC-NPT	5000	390	120	107
RA6000034	HYDRA 1" RLH 90 mcr NPT IN	90	1"	PLASTIC-NPT	6000	390	120	107



## WORKING CONDITIONS

Max working pressure \_\_\_\_\_ 8 bar (116 psi)  
 Max working temperature \_\_\_\_\_ 45°C (113°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 614 N brass.

## HYDRA RAH single-stage self-cleaning filters

## HOUSINGS WITH BRASS BSP THREADS

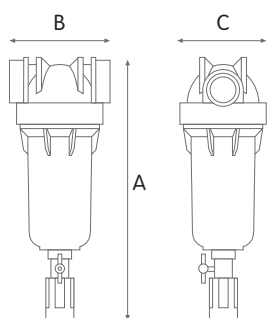
CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	THREADS	FLOW RATE l/h	DIMENSIONS mm		
						A	B	C
RA6000013	HYDRA 1/2" RAH 90 mcr	90	1/2"	BRASS- BSP	3500	390	120	107
RA6000014	HYDRA 3/4" RAH 90 mcr	90	3/4"	BRASS- BSP	5000	390	120	107
RA6000015	HYDRA 1" RAH 90 mcr	90	1"	BRASS- BSP	6000	390	120	107
RA6000024	HYDRA 1-1/4" RAH 90 mcr	90	1"1/4	BRASS- BSP	8000	415	120	107
RA6000025	HYDRA 1-1/2" RAH 90 mcr	90	1"1/2	BRASS- BSP	10000	415	120	107

## HOUSINGS WITH PLASTIC BSP THREADS

CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	THREADS	FLOW RATE l/h	DIMENSIONS mm		
						A	B	C
RA6000035	HYDRA 1/2" RAH 90 mcr IN	90	1/2"	PLASTIC-BSP	3500	390	120	107
RA6000036	HYDRA 3/4" RAH 90 mcr IN	90	3/4"	PLASTIC-BSP	5000	390	120	107
RA6000037	HYDRA 1" RAH 90 mcr IN	90	1"	PLASTIC-BSP	6000	390	120	107
RA6000038	HYDRA 1-1/4" RAH 90 mcr IN	90	1"1/4	PLASTIC-BSP	8000	415	120	107
RA6000039	HYDRA 1-1/2" RAH 90 mcr IN	90	1"1/2	PLASTIC-BSP	10000	415	120	107

## HOUSINGS WITH PLASTIC NPT THREADS

CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	THREADS	FLOW RATE l/h	DIMENSIONS mm		
						A	B	C
RA6000040	HYDRA 3/4" RAH 90 mcr NPT IN	90	3/4"	PLASTIC-NPT	5000	390	120	107
RA6000041	HYDRA 1" RAH 90 mcr NPT IN	90	1"	PLASTIC-NPT	6000	390	120	107



## WORKING CONDITIONS

Max working pressure \_\_\_\_\_ 8 bar (116 psi)  
 Max working temperature \_\_\_\_\_ 45°C (113°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 614 N brass.

## HYDRA RSH single-stage self-cleaning filters

## HOUSINGS WITH BRASS BSP THREADS

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



## HOUSINGS WITH PLASTIC BSP THREADS

CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	THREADS	FLOW RATE j/h	DIMENSIONS mm		
						A	B	C
RA6000042	HYDRA 1/2" RSH 50 mcr IN	50	1/2"	PLASTIC-BSP	3500	390	120	107
RA6000043	HYDRA 3/4" RSH 50 mcr IN	50	3/4"	PLASTIC-BSP	5000	390	120	107
RA6000044	HYDRA 1" RSH 50 mcr IN	50	1"	PLASTIC-BSP	6000	390	120	107
RA6000045	HYDRA 1-1/4" RSH 50 mcr IN	50	1"1/4"	PLASTIC-BSP	8000	415	120	107
RA6000046	HYDRA 1-1/2" RSH 50 mcr IN	50	1"1/2"	PLASTIC-BSP	10000	415	120	107



## HOUSINGS WITH PLASTIC NPT THREADS

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



# HYDRA M

## WORKING CONDITIONS

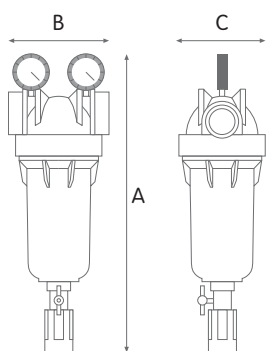
Max working pressure \_\_\_\_\_ 8 bar (116 psi)  
Max working temperature \_\_\_\_\_ 45°C (113°F)



**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 614 N brass.  
Manometers: radial type, pressure range BAR 0-12, PSI 0-170.



## HYDRA RLH single-stage self-cleaning filters with 2 manometers

### HOUSINGS WITH BRASS BSP THREADS

CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	THREADS	FLOW RATE l/h	DIMENSIONS mm		
						A	B	C
RA6000110	HYDRA M 1/2" RLH 90 mcr	90	1/2"	BRASS- BSP	3500	445	120	107
RA6000111	HYDRA M 3/4" RLH 90 mcr	90	3/4"	BRASS- BSP	5000	445	120	107
RA6000112	HYDRA M 1" RLH 90 mcr	90	1"	BRASS- BSP	6000	445	120	107
RA6000113	HYDRA M 1-1/4" RLH 90 mcr	90	1"1/4"	BRASS- BSP	8000	460	120	107
RA6000114	HYDRA M 1-1/2" RLH 90 mcr	90	1"1/2"	BRASS- BSP	10000	460	120	107

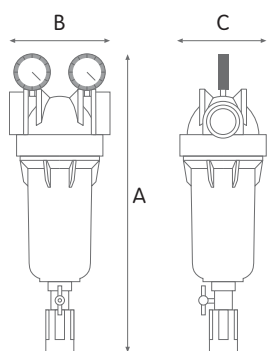
### HOUSINGS WITH PLASTIC BSP THREADS

CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	THREADS	FLOW RATE l/h	DIMENSIONS mm		
						A	B	C
RA6000125	HYDRA M 1/2" RLH 90 mcr IN	90	1/2"	PLASTIC-BSP	3500	445	120	107
RA6000126	HYDRA M 3/4" RLH 90 mcr IN	90	3/4"	PLASTIC-BSP	5000	445	120	107
RA6000127	HYDRA M 1" RLH 90 mcr IN	90	1"	PLASTIC-BSP	6000	445	120	107
RA6000128	HYDRA M 1-1/4" RLH 90 mcr IN	90	1"1/4"	PLASTIC-BSP	8000	460	120	107
RA6000129	HYDRA M 1-1/2" RLH 90 mcr IN	90	1"1/2"	PLASTIC-BSP	10000	460	120	107

### HOUSINGS WITH PLASTIC NPT THREADS

CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	THREADS	FLOW RATE l/h	DIMENSIONS mm		
						A	B	C
RA6000130	HYDRA M 3/4" RLH 90 mcr NPT IN	90	3/4"	PLASTIC-NPT	5000	445	120	107
RA6000133	HYDRA M 1" RLH 90 mcr NPT IN	90	1"	PLASTIC-NPT	6000	445	120	107



**WORKING CONDITIONS**

Max working pressure \_\_\_\_\_ 8 bar (116 psi)  
 Max working temperature \_\_\_\_\_ 45°C (113°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 614 N brass.  
 Manometers: radial type, pressure range BAR 0-12, PSI 0-170.

**HYDRA RAH single-stage self-cleaning filters with 2 manometers****HOUSINGS WITH BRASS BSP THREADS**

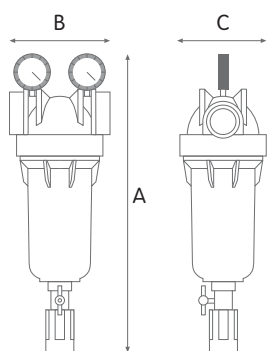
CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	THREADS	FLOW RATE l/h	DIMENSIONS mm		
						A	B	C
RA6000115	HYDRA M 1/2" RAH 90 mcr	90	1/2"	BRASS- BSP	3500	445	120	107
RA6000116	HYDRA M 3/4" RAH 90 mcr	90	3/4"	BRASS- BSP	5000	445	120	107
RA6000117	HYDRA M 1" RAH 90 mcr	90	1"	BRASS- BSP	6000	445	120	107
RA6000118	HYDRA M 1-1/4" RAH 90 mcr	90	1"1/4"	BRASS- BSP	8000	460	120	107
RA6000119	HYDRA M 1-1/2" RAH 90 mcr	90	1"1/2"	BRASS- BSP	10000	460	120	107

**HOUSINGS WITH PLASTIC BSP THREADS**

CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	THREADS	FLOW RATE l/h	DIMENSIONS mm		
						A	B	C
RA6000134	HYDRA M 1/2" RAH 90 mcr IN	90	1/2"	PLASTIC-BSP	3500	445	120	107
RA6000135	HYDRA M 3/4" RAH 90 mcr IN	90	3/4"	PLASTIC-BSP	5000	445	120	107
RA6000136	HYDRA M 1" RAH 90 mcr IN	90	1"	PLASTIC-BSP	6000	445	120	107
RA6000137	HYDRA M 1-1/4" RAH 90 mcr IN	90	1"1/4"	PLASTIC-BSP	8000	460	120	107
RA6000138	HYDRA M 1-1/2" RAH 90 mcr IN	90	1"1/2"	PLASTIC-BSP	10000	460	120	107

**HOUSINGS WITH PLASTIC NPT THREADS**

CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	THREADS	FLOW RATE l/h	DIMENSIONS mm		
						A	B	C
RA6000139	HYDRA M 3/4" RAH 90 mcr NPT IN	90	3/4"	PLASTIC-NPT	5000	445	120	107
RA6000140	HYDRA M 1" RAH 90 mcr NPT IN	90	1"	PLASTIC-NPT	6000	445	120	107

**WORKING CONDITIONS**

Max working pressure \_\_\_\_\_ 8 bar (116 psi)  
 Max working temperature \_\_\_\_\_ 45°C (113°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 614 N brass.  
 Manometers: radial type, pressure range BAR 0-12, PSI 0-170.

**HYDRA RSH single-stage self-cleaning filters with 2 manometers****HOUSINGS WITH BRASS BSP THREADS**

CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	THREADS	FLOW RATE l/h	DIMENSIONS mm		
						A	B	C
RA6000120	HYDRA M 1/2" RSH 50 mcr	50	1/2"	BRASS- BSP	3500	445	120	107
RA6000121	HYDRA M 3/4" RSH 50 mcr	50	3/4"	BRASS- BSP	5000	445	120	107
RA6000122	HYDRA M 1" RSH 50 mcr	50	1"	BRASS- BSP	6000	445	120	107
RA6000123	HYDRA M 1-1/4" RSH 50 mcr	50	1"1/4"	BRASS- BSP	8000	460	120	107
RA6000124	HYDRA M 1-1/2" RSH 50 mcr	50	1"1/2"	BRASS- BSP	10000	460	120	107

**HOUSINGS WITH PLASTIC BSP THREADS**

CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	THREADS	FLOW RATE l/h	DIMENSIONS mm		
						A	B	C
RA6000141	HYDRA M 1/2" RSH 50 mcr IN	50	1/2"	PLASTIC-BSP	3500	445	120	107
RA6000142	HYDRA M 3/4" RSH 50 mcr IN	50	3/4"	PLASTIC-BSP	5000	445	120	107
RA6000143	HYDRA M 1" RSH 50 mcr IN	50	1"	PLASTIC-BSP	6000	445	120	107
RA6000144	HYDRA M 1-1/4" RSH 50 mcr IN	50	1"1/4"	PLASTIC-BSP	8000	460	120	107
RA6000145	HYDRA M 1-1/2" RSH 50 mcr IN	50	1"1/2"	PLASTIC-BSP	10000	460	120	107

**HOUSINGS WITH PLASTIC NPT THREADS**

CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	THREADS	FLOW RATE l/h	DIMENSIONS mm		
						A	B	C
RA6000146	HYDRA M 3/4" RSH 50 mcr NPT IN	50	3/4"	PLASTIC-NPT	5000	445	120	107
RA6000147	HYDRA M 1" RSH 50 mcr NPT IN	50	1"	PLASTIC-NPT	6000	445	120	107



# HYDRA AUTO

## WORKING CONDITIONS

Max working pressure \_\_\_\_\_ 8 bar (116 psi)  
Max working temperature \_\_\_\_\_ 45°C (113°F)

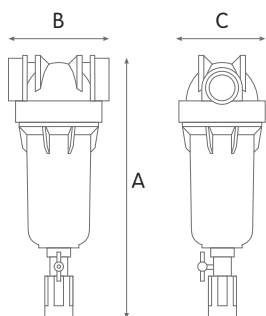


### DRAIN FUNNEL

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 614 N brass.  
Electrovalve: CW 617 N brass, 1/2" - 24 VAC.  
Programmer: 230 Volt (IN) / 24 VAC (OUT) / 1 A in compliance with "EN 61558-2-6".



## HYDRA AUTO RLH single-stage self-cleanig filters

### HOUSINGS WITH BRASS BSP THREADS

CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	THREADS	FLOW RATE l/h	DIMENSIONS mm		
						A	B	C
RA6000210	HYDRA AUTO 1/2" RLH 90 mcr	90	1/2"	BRASS- BSP	3500	420	120	107
RA6000211	HYDRA AUTO 3/4" RLH 90 mcr	90	3/4"	BRASS- BSP	5000	420	120	107
RA6000212	HYDRA AUTO 1" RLH 90 mcr	90	1"	BRASS- BSP	6000	420	120	107
RA6000222	HYDRA AUTO 1-1/4" RLH 90 mcr	90	1"1/4	BRASS- BSP	8000	445	120	107
RA6000223	HYDRA AUTO 1-1/2" RLH 90 mcr	90	1"1/2	BRASS- BSP	10000	445	120	107

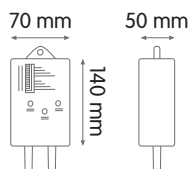


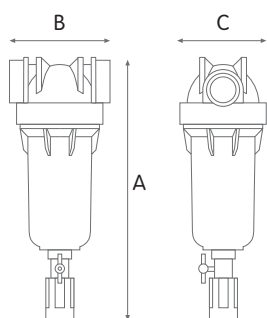
### HOUSINGS WITH PLASTIC BSP THREADS

CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	THREADS	FLOW RATE l/h	DIMENSIONS mm		
						A	B	C
RA6000228	HYDRA AUTO 1/2" RLH 90 mcr IN	90	1/2"	PLASTIC-BSP	3500	420	120	107
RA6000229	HYDRA AUTO 3/4" RLH 90 mcr IN	90	3/4"	PLASTIC-BSP	5000	420	120	107
RA6000230	HYDRA AUTO 1" RLH 90 mcr IN	90	1"	PLASTIC-BSP	6000	420	120	107
RA6000231	HYDRA AUTO 1-1/4" RLH 90 mcr IN	90	1"1/4	PLASTIC-BSP	8000	445	120	107
RA6000232	HYDRA AUTO 1-1/2" RLH 90 mcr IN	90	1"1/2	PLASTIC-BSP	10000	445	120	107

### HOUSINGS WITH PLASTIC NPT THREADS

CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	THREADS	FLOW RATE l/h	DIMENSIONS mm		
						A	B	C
RA6000233	HYDRA AUTO 3/4" RLH 90 mcr NPT IN	90	3/4"	PLASTIC-NPT	5000	420	120	107
RA6000234	HYDRA AUTO 1" RLH 90 mcr NPT IN	90	1"	PLASTIC-NPT	6000	420	120	107





## WORKING CONDITIONS

Max working pressure \_\_\_\_\_ 8 bar (116 psi)  
 Max working temperature \_\_\_\_\_ 45°C (113°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 614 N brass.  
 Electrovalve: CW 617 N brass, 1/2" - 24 VAC.  
 Programmer: 230 Volt (IN) / 24 VAC (OUT) / 1 A in compliance with  
 "EN 61558-2-6".

## HYDRA AUTO RAH single-stage self-cleanig filters

## HOUSINGS WITH BRASS BSP THREADS

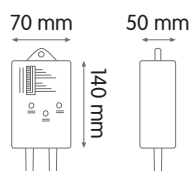
CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	THREADS	FLOW RATE l/h	DIMENSIONS mm		
						A	B	C
RA6000213	HYDRA AUTO 1/2" RAH 90 mcr	90	1/2"	BRASS- BSP	3500	420	120	107
RA6000214	HYDRA AUTO 3/4" RAH 90 mcr	90	3/4"	BRASS- BSP	5000	420	120	107
RA6000215	HYDRA AUTO 1" RAH 90 mcr	90	1"	BRASS- BSP	6000	420	120	107
RA6000224	HYDRA AUTO 1-1/4" RAH 90 mcr	90	1"1/4"	BRASS- BSP	8000	445	120	107
RA6000225	HYDRA AUTO 1-1/2" RAH 90 mcr	90	1"1/2"	BRASS- BSP	10000	445	120	107

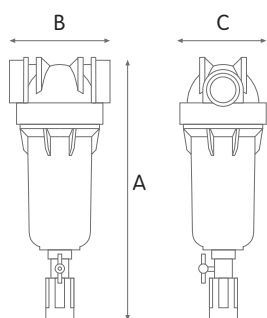
## HOUSINGS WITH PLASTIC BSP THREADS

CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	THREADS	FLOW RATE l/h	DIMENSIONS mm		
						A	B	C
RA6000235	HYDRA AUTO 1/2" RAH 90 mcr IN	90	1/2"	PLASTIC-BSP	3500	420	120	107
RA6000236	HYDRA AUTO 3/4" RAH 90 mcr IN	90	3/4"	PLASTIC-BSP	5000	420	120	107
RA6000237	HYDRA AUTO 1" RAH 90 mcr IN	90	1"	PLASTIC-BSP	6000	420	120	107
RA6000238	HYDRA AUTO 1-1/4" RAH 90 mcr IN	90	1"1/4"	PLASTIC-BSP	8000	445	120	107
RA6000239	HYDRA AUTO 1-1/2" RAH 90 mcr IN	90	1"1/2"	PLASTIC-BSP	10000	445	120	107

## HOUSINGS WITH PLASTIC NPT THREADS

CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	THREADS	FLOW RATE l/h	DIMENSIONS mm		
						A	B	C
RA6000240	HYDRA AUTO 3/4" RAH 90 mcr NPT IN	90	3/4"	PLASTIC-NPT	5000	420	120	107
RA6000241	HYDRA AUTO 1" RAH 90 mcr NPT IN	90	1"	PLASTIC-NPT	6000	420	120	107





## WORKING CONDITIONS

Max working pressure \_\_\_\_\_ 8 bar (116 psi)  
 Max working temperature \_\_\_\_\_ 45°C (113°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 614 N brass.  
 Electrovalve: CW 617 N brass, 1/2" - 24 VAC.  
 Programmer: 230 Volt (IN) / 24 VAC (OUT) / 1 A in compliance with  
 "EN 61558-2-6".

## HYDRA AUTO RSH single-stage self-cleanig filters

## HOUSINGS WITH BRASS BSP THREADS

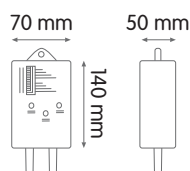
CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	THREADS	FLOW RATE l/h	DIMENSIONS mm		
						A	B	C
RA6000219	HYDRA AUTO 1/2" RSH 50 mcr	50	1/2"	BRASS- BSP	3500	420	120	107
RA6000220	HYDRA AUTO 3/4" RSH 50 mcr	50	3/4"	BRASS- BSP	5000	420	120	107
RA6000221	HYDRA AUTO 1" RSH 50 mcr	50	1"	BRASS- BSP	6000	420	120	107
RA6000226	HYDRA AUTO 1-1/4" RSH 50 mcr	50	1"1/4"	BRASS- BSP	8000	445	120	107
RA6000227	HYDRA AUTO 1-1/2" RSH 50 mcr	50	1"1/2"	BRASS- BSP	10000	445	120	107

## HOUSINGS WITH PLASTIC BSP THREADS

CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	THREADS	FLOW RATE l/h	DIMENSIONS mm		
						A	B	C
RA6000242	HYDRA AUTO 1/2" RSH 50 mcr IN	50	1/2"	PLASTIC-BSP	3500	420	120	107
RA6000243	HYDRA AUTO 3/4" RSH 50 mcr IN	50	3/4"	PLASTIC-BSP	5000	420	120	107
RA6000244	HYDRA AUTO 1" RSH 50 mcr IN	50	1"	PLASTIC-BSP	6000	420	120	107
RA6000245	HYDRA AUTO 1-1/4" RSH 50 mcr IN	50	1"1/4"	PLASTIC-BSP	8000	445	120	107
RA6000246	HYDRA AUTO 1-1/2" RSH 50 mcr IN	50	1"1/2"	PLASTIC-BSP	10000	445	120	107

## HOUSINGS WITH PLASTIC NPT THREADS

CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	THREADS	FLOW RATE l/h	DIMENSIONS mm		
						A	B	C
RA6000247	HYDRA AUTO 3/4" RSH 50 mcr NPT IN	50	3/4"	PLASTIC-NPT	5000	420	120	107
RA6000248	HYDRA AUTO 1" RSH 50 mcr NPT IN	50	1"	PLASTIC-NPT	6000	420	120	107







# HYDRA AUTO M

## WORKING CONDITIONS

Max working pressure \_\_\_\_\_ 8 bar (116 psi)  
Max working temperature \_\_\_\_\_ 45°C (113°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 614 N brass.  
Manometers: radial type, pressure range BAR 0-12, PSI 0-170.  
Electrovalve: CW 617 N brass, 1/2" - 24 VAC.  
Programmer: 230 Volt (IN) / 24 VAC (OUT) / 1 A in compliance with "EN 61558-2-6".

## HYDRA AUTO M RLH single-stage self-cleanig filters with 2 manometers

### HOUSINGS WITH BRASS BSP THREADS

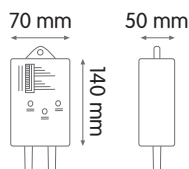
CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	THREADS	FLOW RATE l/h	DIMENSIONS mm		
						A	B	C
RA6000310	HYDRA AUTO M 1/2" RLH 90 mcr	90	1/2"	BRASS- BSP	3500	475	120	107
RA6000311	HYDRA AUTO M 3/4" RLH 90 mcr	90	3/4"	BRASS- BSP	5000	475	120	107
RA6000312	HYDRA AUTO M 1" RLH 90 mcr	90	1"	BRASS- BSP	6000	475	120	107
RA6000313	HYDRA AUTO M 1-1/4" RLH 90 mcr	90	1"1/4	BRASS- BSP	8000	490	120	107
RA6000314	HYDRA AUTO M 1-1/2" RLH 90 mcr	90	1"1/2	BRASS- BSP	10000	490	120	107

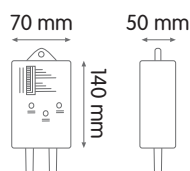
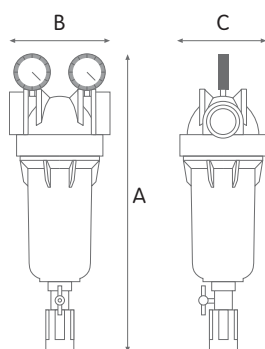
### HOUSINGS WITH PLASTIC BSP THREADS

CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	THREADS	FLOW RATE l/h	DIMENSIONS mm		
						A	B	C
RA6000325	HYDRA AUTO M 1/2" RLH 90 mcr IN	90	1/2"	PLASTIC-BSP	3500	475	120	107
RA6000326	HYDRA AUTO M 3/4" RLH 90 mcr IN	90	3/4"	PLASTIC-BSP	5000	475	120	107
RA6000327	HYDRA AUTO M 1" RLH 90 mcr IN	90	1"	PLASTIC-BSP	6000	475	120	107
RA6000328	HYDRA AUTO M 1-1/4" RLH 90 mcr IN	90	1"1/4	PLASTIC-BSP	8000	490	120	107
RA6000329	HYDRA AUTO M 1-1/2" RLH 90 mcr IN	90	1"1/2	PLASTIC-BSP	10000	490	120	107

### HOUSINGS WITH PLASTIC NPT THREADS

CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	THREADS	FLOW RATE l/h	DIMENSIONS mm		
						A	B	C
RA6000330	HYDRA AUTO M 3/4" RLH 90 mcr NPT IN	90	3/4"	PLASTIC-NPT	5000	475	120	107
RA6000331	HYDRA AUTO M 1" RLH 90 mcr NPT IN	90	1"	PLASTIC-NPT	6000	475	120	107



**WORKING CONDITIONS**

Max working pressure \_\_\_\_\_ 8 bar (116 psi)  
 Max working temperature \_\_\_\_\_ 45°C (113°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 614 N brass.  
 Manometers: radial type, pressure range BAR 0-12, PSI 0-170.  
 Electrovalve: CW 617 N brass, 1/2" - 24 VAC.  
 Programmer: 230 Volt (IN) / 24 VAC (OUT) / 1 A in compliance with "EN 61558-2-6".

**HYDRA AUTO M RAH single-stage self-cleaning filters with 2 manometers****HOUSINGS WITH BRASS BSP THREADS**

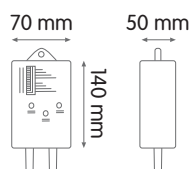
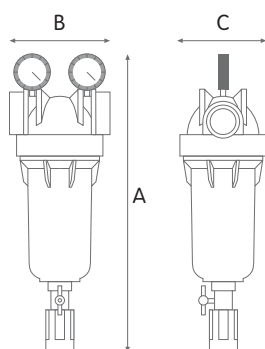
CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	THREADS	FLOW RATE l/h	DIMENSIONS mm		
						A	B	C
RA6000315	HYDRA AUTO M 1/2" RAH 90 mcr	90	1/2"	BRASS- BSP	3500	475	120	107
RA6000316	HYDRA AUTO M 3/4" RAH 90 mcr	90	3/4"	BRASS- BSP	5000	475	120	107
RA6000317	HYDRA AUTO M 1" RAH 90 mcr	90	1"	BRASS- BSP	6000	475	120	107
RA6000318	HYDRA AUTO M 1-1/4" RAH 90 mcr	90	1"1/4	BRASS- BSP	8000	490	120	107
RA6000319	HYDRA AUTO M 1-1/2" RAH 90 mcr	90	1"1/2	BRASS- BSP	10000	490	120	107

**HOUSINGS WITH PLASTIC BSP THREADS**

CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	THREADS	FLOW RATE l/h	DIMENSIONS mm		
						A	B	C
RA6000332	HYDRA AUTO M 1/2" RAH 90 mcr IN	90	1/2"	PLASTIC-BSP	3500	475	120	107
RA6000333	HYDRA AUTO M 3/4" RAH 90 mcr IN	90	3/4"	PLASTIC-BSP	5000	475	120	107
RA6000334	HYDRA AUTO M 1" RAH 90 mcr IN	90	1"	PLASTIC-BSP	6000	475	120	107
RA6000335	HYDRA AUTO M 1-1/4" RAH 90 mcr IN	90	1"1/4	PLASTIC-BSP	8000	490	120	107
RA6000336	HYDRA AUTO M 1-1/2" RAH 90 mcr IN	90	1"1/2	PLASTIC-BSP	10000	490	120	107

**HOUSINGS WITH PLASTIC NPT THREADS**

CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	THREADS	FLOW RATE l/h	DIMENSIONS mm		
						A	B	C
RA6000337	HYDRA AUTO M 3/4" RAH 90 mcr NPT IN	90	3/4"	PLASTIC-NPT	5000	475	120	107
RA6000338	HYDRA AUTO M 1" RAH 90 mcr NPT IN	90	1"	PLASTIC-NPT	6000	475	120	107

**WORKING CONDITIONS**

Max working pressure \_\_\_\_\_ 8 bar (116 psi)  
 Max working temperature \_\_\_\_\_ 45°C (113°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 614 N brass.  
 Manometers: radial type, pressure range BAR 0-12, PSI 0-170.  
 Electrovalve: CW 617 N brass, 1/2" - 24 VAC.  
 Programmer: 230 Volt (IN) / 24 VAC (OUT) / 1 A in compliance with "EN 61558-2-6".

**HYDRA AUTO M RSH single-stage self-cleanig filters with 2 manometers****HOUSINGS WITH BRASS BSP THREADS**

CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	THREADS	FLOW RATE l/h	DIMENSIONS mm		
						A	B	C
RA6000320	HYDRA AUTO M 1/2" RSH 50 mcr	50	1/2"	BRASS- BSP	3500	475	120	107
RA6000321	HYDRA AUTO M 3/4" RSH 50 mcr	50	3/4"	BRASS- BSP	5000	475	120	107
RA6000322	HYDRA AUTO M 1" RSH 50 mcr	50	1"	BRASS- BSP	6000	475	120	107
RA6000323	HYDRA AUTO M 1-1/4" RSH 50 mcr	50	1"1/4	BRASS- BSP	8000	490	120	107
RA6000324	HYDRA AUTO M 1-1/2" RSH 50 mcr	50	1"1/2	BRASS- BSP	10000	490	120	107

**HOUSINGS WITH PLASTIC BSP THREADS**

CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	THREADS	FLOW RATE l/h	DIMENSIONS mm		
						A	B	C
RA6000339	HYDRA AUTO M 1/2" RSH 50 mcr IN	50	1/2"	PLASTIC-BSP	3500	475	120	107
RA6000340	HYDRA AUTO M 3/4" RSH 50 mcr IN	50	3/4"	PLASTIC-BSP	5000	475	120	107
RA6000341	HYDRA AUTO M 1" RSH 50 mcr IN	50	1"	PLASTIC-BSP	6000	475	120	107
RA6000342	HYDRA AUTO M 1-1/4" RSH 50 mcr IN	50	1"1/4	PLASTIC-BSP	8000	490	120	107
RA6000343	HYDRA AUTO M 1-1/2" RSH 50 mcr IN	50	1"1/2	PLASTIC-BSP	10000	490	120	107

**HOUSINGS WITH PLASTIC NPT THREADS**

CODE	MODEL	NOMINAL FILTRATION MICRON	IN/OUT	THREADS	FLOW RATE l/h	DIMENSIONS mm		
						A	B	C
RA6000344	HYDRA AUTO M 3/4" RSH 50 mcr NPT IN	50	3/4"	PLASTIC-NPT	5000	475	120	107
RA6000345	HYDRA AUTO M 1" RSH 50 mcr NPT IN	50	1"	PLASTIC-NPT	6000	475	120	107



# HYDRA HOT

## WORKING CONDITIONS

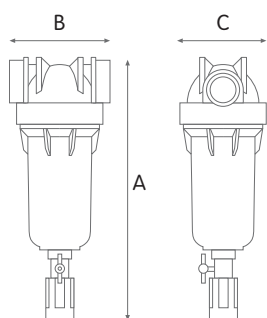
Max working pressure \_\_\_\_\_ 8 bar (116 psi)  
 Max working temperature \_\_\_\_\_ 80°C (176°F)

## SPECIFICATIONS

Non-toxic materials, suitable for drinking water.  
 Head: reinforced nylon.  
 Bowl: reinforced nylon.  
 O-ring: EPDM.  
 Breather-valve: body stainless steel, o-ring EPDM.



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



## HYDRA HOT single-stage self-cleaning filters

### HOUSINGS WITH PLASTIC BSP THREADS

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

### HOUSINGS WITH PLASTIC NPT THREADS

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

Ташев-Галвинг ООД  
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*"water is the driver of nature"*  
Leonardo Da Vinci



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