



HYDRA MINI

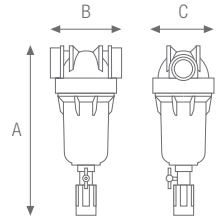
self-cleaning filter

TECHNICAL CATALOGUE

HYDRA MINI

The compact self-cleaning filter to remove sediment from household water efficiently

Thanks to its compact design, the filter can be installed in small spaces without compromising efficiency. Ease of use is a key element, allowing you to enjoy clean water without complex or time-consuming procedures. System safety is ensured by an efficient draining mechanism designed to prevent water backflow during the washing and ejection process. This feature ensures that the entire process runs reliably, guaranteeing maximum efficiency over time of the Hydra Mini filter.



MAX WORKING PRESSURE
8,3 bar (120 psi)
MIN WORKING PRESSURE
1,2 bar (17.4 psi)

MAX WORKING TEMPERATURE
45°C (113°F)
MIN WORKING TEMPERATURE
4°C (39,2°F)

NOMINAL FLOW RATE / ΔP:
2500 l/h - ΔP = 0,68 bar

MAX FLOW RATE / ΔP:
4000 l/h - ΔP = 1,6 bar

SPECIFICATIONS

Selected raw 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.
Drain funnel: reinforced polypropylene.

ADVANTAGES:

Compact Design

Designed for small spaces, the Hydra Mini retains its high efficiency even in environments with limited space.

Self-cleaning

The cartridge can be washed by opening the drain valve, ensuring an efficient and practical self-cleaning process.

Minimum Maintenance

Maintenance is kept to a minimum, with quick and easy manual intervention by opening the drain valve.

High Efficiency

The backwash system ensures effective removal of sediment, keeping home water clean and safe.

Safety during washing

The efficient draining system prevents water backflow during the washing and ejection process, ensuring safe and reliable use.

Durability

Made from high-quality materials, Hydra Mini is designed to stand the test of time, ensuring long durability and reliable operation over time.

Environmentally friendly

Self-washing minimises water waste during maintenance - the cartridge reduces the amount of waste produced.

Automated thanks to the K-Matic valve

ACCESSORIES ON DEMAND:

CODE RA7120050 K-Matic
CODE RE9020660 LUBRIKIT+ - single-dose lubricant for housing o-ring
CODE RB7404010 Gauges (pair)

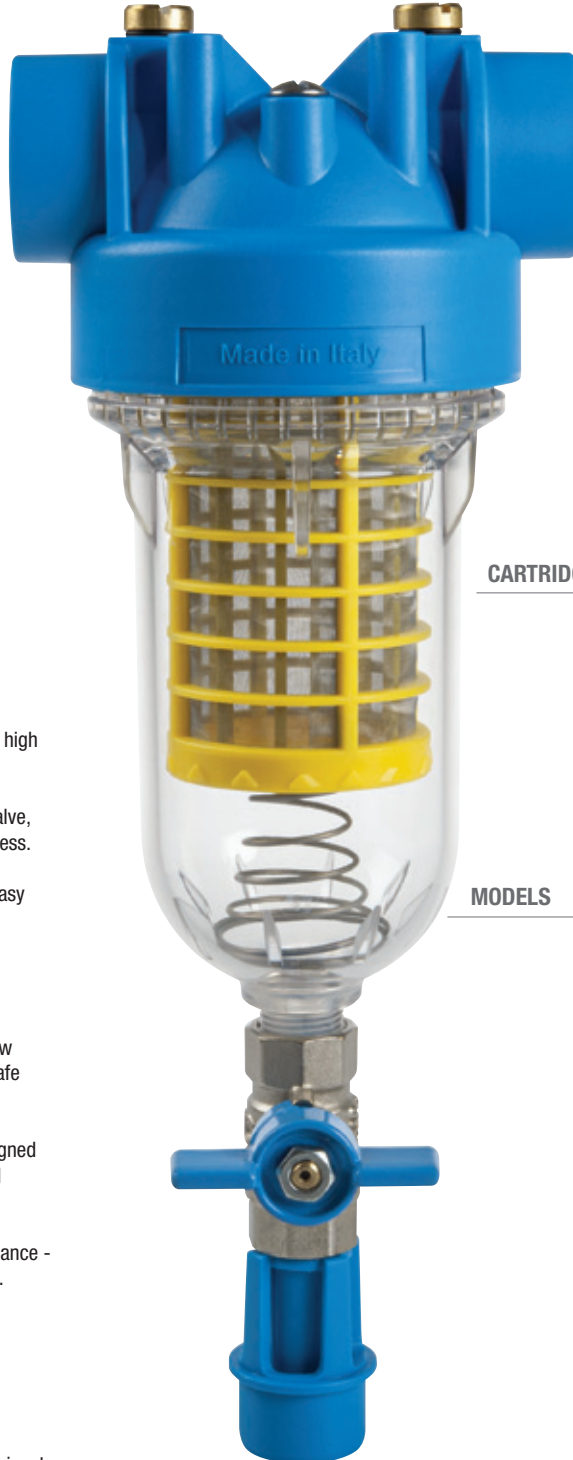
ACCESSORY INCLUDED



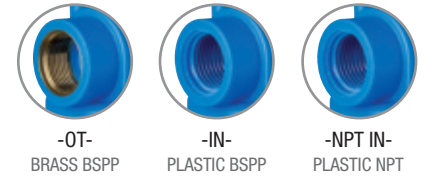
-H- spanner



-MINI- wall bracket



THREADS TYPE



CARTRIDGES



RAH mini
90 mcr

RLH mini
25 / 50 mcr

RAH mini stainless steel net cartridge
90 micron - CODE RA5000061
RLH mini plastic net cartridge
25 micron - CODE RA5000063
50 micron - CODE RA5000062

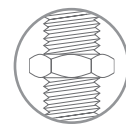
MODELS



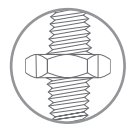
-PM-
with gauge plugs

DRAIN FUNNEL

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



-BSPP*-
parallel
ISO 228



-NPT**-
tapered
ANSI/ASME B1.20.1

HYDRA MINI single-stage self-cleaning filters



HOUSINGS WITH BRASS BSPP THREADS

PART NUMBER	MODEL	NOMINAL FILTRATION mcr	IN/OUT	MAX FLOW RATE l/h	DIMENSIONS mm		
					A	B	C
RA6412200	HYDRA MINI PM 1/2 RLH 50mcr OT	50	1/2"	4000	272	103	84
RA6412203	HYDRA MINI PM 3/4 RLH 50mcr OT	50	3/4"	4000	272	103	84
RA6412220	HYDRA MINI PM 1/2 RAH 90mcr OT	90	1/2"	4000	272	103	84
RA6412223	HYDRA MINI PM 3/4 RAH 90mcr OT	90	3/4"	4000	272	103	84
RA6412230	HYDRA MINI PM 1/2 RLH 25mcr OT	25	1/2"	4000	272	103	84
RA6412233	HYDRA MINI PM 3/4 RLH 25mcr OT	25	3/4"	4000	272	103	84

HOUSINGS WITH PLASTIC BSPP THREADS

PART NUMBER	MODEL	NOMINAL FILTRATION mcr	IN/OUT	MAX FLOW RATE l/h	DIMENSIONS mm		
					A	B	C
RA6410200	HYDRA MINI PM 1/2 RLH 50mcr IN	50	1/2"	4000	272	103	84
RA6410203	HYDRA MINI PM 3/4 RLH 50mcr IN	50	3/4"	4000	272	103	84
RA6410220	HYDRA MINI PM 1/2 RAH 90mcr IN	90	1/2"	4000	272	103	84
RA6410223	HYDRA MINI PM 3/4 RAH 90mcr IN	90	3/4"	4000	272	103	84
RA6410230	HYDRA MINI PM 1/2 RLH 25mcr IN	25	1/2"	4000	272	103	84
RA6410233	HYDRA MINI PM 3/4 RLH 25mcr IN	25	3/4"	4000	272	103	84

HOUSINGS WITH PLASTIC NPT THREADS

PART NUMBER	MODEL	NOMINAL FILTRATION mcr	IN/OUT	MAX FLOW RATE l/h	DIMENSIONS mm		
					A	B	C
RA6414200	HYDRA MINI PM 1/2 RLH 50mcr NPT IN	50	1/2"	4000	272	103	84
RA6414203	HYDRA MINI PM 3/4 RLH 50mcr NPT IN	50	3/4"	4000	272	103	84
RA6414220	HYDRA MINI PM 1/2 RAH 90mcr NPT IN	90	1/2"	4000	272	103	84
RA6414223	HYDRA MINI PM 3/4 RAH 90mcr NPT IN	90	3/4"	4000	272	103	84
RA6414230	HYDRA MINI PM 1/2 RLH 25mcr NPT IN	25	1/2"	4000	272	103	84
RA6414233	HYDRA MINI PM 3/4 RLH 25mcr NPT IN	25	3/4"	4000	272	103	84

CERTIFICATIONS:



Hydra Mini self-cleaning filters are tested and certified under the most stringent procedures worldwide, in compliance with the sanitary certifications DM25 -Italy-, ACS -France- and EAC/Ghostreghistrazia -Russia-



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