



LANCASTER WATER TREATMENT

Clear-Flo HYDRA SELF CLEANING FILTER: HYDRA-1-90

40 YEARS OF QUALITY DESIGN AND DEVELOPMENT HAVE RESULTED IN NEW MATERIALS, NEW MOLDING METHODS, AND EXPERTISE TO CREATE THE HIGHEST QUALITY POINT OF ENTRY CARTRIDGE FILTRATION DESIGNS AVAILABLE.

FEATURES

- Self-cleaning water filter with counter-current washing self-cleaning system
- Large surface area for ample filtration
- Plastic thread NPT IN/OUT female 1" connection
- Drain valve for manual cleaning
- Anti-pollution from reflux drain system
- Capacity intervals from 3000 to 10000 l/h
- Atoxic materials, suitable for potable water
- Safer drain operations
- Accessories included are: filter wrench, wall mount brackets, bottom drain, lubricant for housing O-ring.

FILTER PACKAGE FOR FULL-FLOW APPLICATIONS

The cleaning operations are simple and within reach for everyone: **1-** Open valve to drain. **2-** Turbulent water flows through the inlet port. **3-** The spring located below the cartridge is compressed. **4-** Water flows from the inside of the filter out. The most effective rinsing filter process available. **5-** Debris that has built up on the outer surface of the cartridge is forced to drain. **6-** Once the filter surface area is clean the valve is closed. **7-** The filter is returned to service and maintains virtually the same sediment reduction capability and flow rate as first installed. Process efficiency is guaranteed by the drain system designed to block reflux of the ejected water.

The Hydra self-cleaning water filter is suitable for the stainless steel net cartridge designed for 90 micron filtration with plastic NPT thread 1" IN/OUT connections. The recommended capacity intervals go from 3000 to 10000 l/h.

The self-cleaning filters are certified by important international bodies that attest to their quality and performance, conforming to current standards

Lancaster 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, which is why we can bring you the highest-pressure rating of any filtration housing on the market. The international patents received come from a constant commitment to research and develop that result in new and innovative products.



Clear-Flo HYDRA SELF CLEANING FILTER

LANCASTER OFFERS THE MAXIMUM FOR: PRODUCTIVITY, RELIABILITY, AND FLEXIBILITY

APPLICATIONS

- General sediment filtration with rinsing feature
- Long lasting whole house protection from sediment
- Protection from public water deterioration and flushing

Model No.	Housing			Cartridge	
	Description	Flow Rate	In/Out (NPT)	Description	Micron
Whole House					
HYDRA-I-90	Housing			Cartridge - HYDRA-C90-SS	
	Spin Down Filter	< 20 GPM	1" Plastic	Stainless Steel Mesh	90 Micron

SPECIFICATIONS

MATERIALS:

Heads: reinforced polypropylene.

Bowl: PET.

O-rings: EPDM.

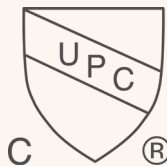
WORKING CONDITIONS:

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

