LANCASTER
WATER TREATMENT

ATLAS SELF CLEANING FILTER

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

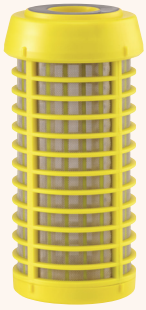
- Newly designed backwash system delivering the highest particle removal
- Large surface area for ample filtration
- Backwash flows from the inside of the filter to the outside pushing debris to the drain
- 125 psi pressure rating
- Patented elastomer construction
- Double ring inlet and outlet design for installation integrity
- Hydra 2.5" housing available in 1/2", 3/4", or 1" NPT female pipe threads
- Kits include housing, cartridge, wrench and bracket
- Optional pressure gauges for pressure drop indication across the filter

Model No.	Description	Width x Height	In/Out	
			Size	Thread Type
Kit				
HYDRA-1-90	90 Micron Spin Down Filter	2 x 10	1"	Double Ring Plastic NPT
Replacement Cartridge				
HYDRA-C90-SS	90 Micron Stainless Steel Mesh			

ACCESSORIES

Model No.	Description
Drain Kit	
410-DRKT	Bottom Drain Kit
Pressure Gauge	
410-GAUGE	1/8" BSP Pressure Gauge - (two needed for accurate readings)

90 Micron
Spin Down Filter



90 Micron
SS Mesh Cartridge

Bottom Drain Kit

1/8" BSP
Pressure Gauges
(OPTIONAL)

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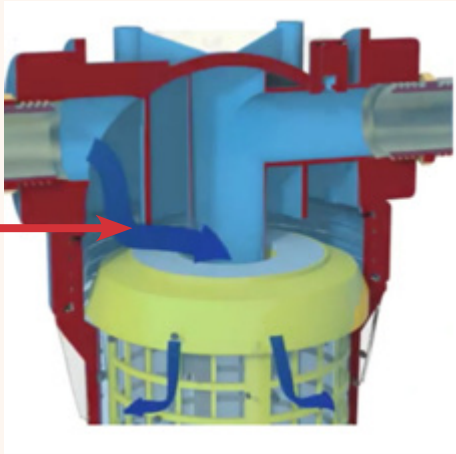
SELF CLEANING FILTER

MODEL HYDRA-1-90

LANCASTER AND ATLAS OFFER THE MAXIMUM FOR: PRODUCTIVITY, RELIABILITY, AND FLEXIBILITY

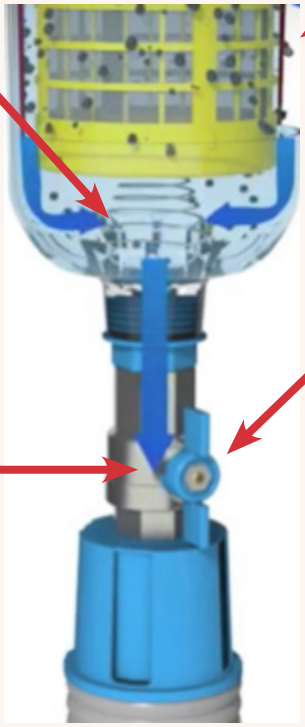
BACKWASH PROCESS



4. Water flows from the inside of the filter out. The most effective backwashing filter process available.

3. The spring located below the cartridge is compressed.

5. Debris that has built up on the outer surface of the cartridge is forced to drain.



2. Turbulent water flows through the inlet port.

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.

1. Open valve to drain.

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LANCASTER
WATER GROUP
Est. 1942