



# LANCASTER WATER TREATMENT

## Clear-Flo WHOLE HOUSE FILTER: 410-WH-5-P

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

- Optional gauge and drain ports
- Suitable for cartridges up to 4.5"
- 10" length
- Clear sumps with same pressure rating at 120 psi
- NPT connection ports 1"
- Pressure-relief feature includes an O-ring seal, no spring is used that can result in a water leak
- Uniquely threaded wall mount bracket screw ports on all heads for ease of installation
- Accessories included are a housing wrench, wall mount bracket, and LubriKit for O-ring lubrication

### FILTER PACKAGE FOR FULL-FLOW APPLICATIONS

Lancaster's **BIG** housings are specifically designed for cartridges with an outer diameter of 4.5" (from 4.0" to 4.5" applicable) and a pressure rating of 120 PSI. The housings adapt to any large capacity filtration or heavy duty application.

Unique optional features include a drain port at the bottom of the housing and gauge connections at the top. Gauges and drain kits are offered separately, as needed for the design of the system.

**BIG** housings are provided with a specially designed wrench to remove the housing sump from the head assembly as well as the drain plug from the bottom of the housing sump. An exclusive blue colored O-ring is used on the sump to ensure proper selections when servicing the filter. This avoids confusion in the market where a wrong competitive black O-ring is used and may be subject to leaks. A food grade lubricant called LubriKit is provided to properly lubricate the sump housing o-ring.

The 4.50" OD melt-blow polypropylene cartridge is designed to fit to **BIG** housings and respond to the most effective heavy-duty sediment filtration requirements, suitable to industrial as well as domestic applications. **BIG** melt-blown cartridges are made to comply with the most stringent regulations for applications in drinking water. Polypropylene is suitable to many industrial applications due to its wide chemical-physical compatibility to a variety of water-based solutions.

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 WHOLE HOUSE FILTER PACKAGE

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

## APPLICATIONS

- UV light pre filter
- General sediment filtration
- Long lasting whole house protection from sediment
- Protection from public water deterioration and flushing

## SPECIFICATIONS

### MATERIALS:

Heads: reinforced polypropylene.

Clear sumps: PET.

O-rings: EPDM.

### WORKING CONDITIONS FOR ALL VERSIONS OF BIG HOUSINGS:

Working pressure: Max 120 psi (8.3 bar).

Working temperature range:

Min 39.2°F (4°C) - Max 113°F (45°C).

Model No.	Housing			Cartridge	
	Description	Flow Rate	In/Out (NPT)	Description	Micron
<b>Whole House</b>					
410-WH-5-P	Housing - 410-H-I-C-KIT			Cartridge - 410-C5-MB	
	4 x 10" Big Filter Housing	18 GPM	1" Double Ring Plastic	Melt-Blown Polypropylene Smooth	5 Micron

## ADDITIONAL ACCESSORIES

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

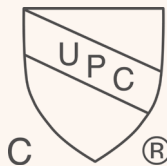


Bottom Drain Kit



BPS Pressure Gauge

## 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

