



LANCASTER WATER TREATMENT

Clear-Flo TANKLESS PROTECTOR FILTER: 220-TP-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

- Designed for residential filtration applications
- Accommodates single standard 2.5" OD Filter Cartridges
- 3/4" NPT inlet and outlet fitting connections
- Includes pressure-relief feature that includes an O-ring seal. No spring is used that can result in water leaks
- Knife-edge seal at both cartridge ends for a positive and seal eliminating by-pass
- Standard double open-end cartridges with scale reduction media included
- 5-micron polypropylene melt blown filters
- Polyphosphate glassy bead for slow and low even release of media

POINT-OF-USE, SEDIMENT AND SCALE REDUCTION

Lancaster's Scale Reduction Unit is a point-of-use water filtration system for the reduction of sediment and lime scale build up on the inside of water heaters and tankless heating systems.

The polypropylene Three Piece housing accepts a 5-micron 20" sediment filter including a special grade of polyphosphate media to reduce scale build up on heater coils and heating tank systems.

This wall mount filtration unit is designed to be installed prior to a water heating unit to accommodate flow rates of up to 14 gallons per minute. Design pressure of 125psi (8.6 bar) @ 113°F (45°C) maximum temperature. Standard inlet and outlet connection are 3/4" NPT. Standard head unit is reinforced polypropylene and sump is PET. Standard Oring is EPDM.

Melt blown smooth cartridge with a length from 20" are made to comply with the most stringent regulations for applications in drinking water. These five (5) micron polypropylene cartridges are suitable for many filtration applications due to its wide chemical-physical compatibility to a variety of water-based solutions.

The polyphosphate incorporated into the center core of the filter is designed as a slow release, low acid media specifically for extreme water conditions found in high temperature filtration applications. The media is designed to last 6 months as it releases slowly into the water supply.

Lancaster is driven to providing our customer with the best available products to meet specific filtration requirements. This is done by using the most advanced manufacturing and design methods. The international patents received come from a constant commitment to research and develop that result in new and innovative products.



CLEAR-FLO TANKLESS PROTECTOR FILTER PACKAGE

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

APPLICATIONS

- Protect tankless heaters
- Ice machines
- Dishwashers
- Water heaters

Model No.	Housing			Cartridge	
	Description	Flow Rate	In/Out (NPT)	Description	Micron
Tankless Heater Protector					
220-TP-5-P	Housing - 220-H-75SS-B-KIT			Cartridge - 220-C5-SCALE	
	2 x 20" Three Piece Filter Housing	15 GPM	3/4" Stainless Steel	Melt-Blown w/Scale Inhibitor	5 Micron

SPECIFICATIONS

MATERIALS:

Head Connection: reinforced polypropylene

Housing Construction: PET

Seal: FDA Grade EPDM

Filter construction: polypropylene

Filter media: Glassy polyphosphate

WORKING CONDITIONS:

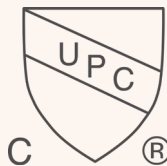
Working pressure: Max 125 psi (8.6 bar).

Working temperature range:

Min 39.2°F (4°C) – Max 113°F (45°C).

Media temperature range of dissolved polyphosphate: Max 220°F (104°C) in heated environment.

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

