

ULTRAVIOLET PURIFICATION

CLEAR-FLO HALO SHIELD

LANCASTER

WATER TREATMENT

Est. 1942

Protects your Family

Ultraviolet (UV) rays penetrate bacteria, disinfecting your water while neutralizing 99.9 % of harmful microorganisms.

Chemical Free

UV technology is more effective than chemicals at destroying certain waterborne contaminants without altering the taste of the water.

Environmentally Friendly

Taking a page from the technology of nature, UV treats water without imparting any toxic by-products.

Prevent Build-Up

The Sediment Filter protects the ultraviolet chamber and quartz sleeve from developing build up that would inhibit the lights effectiveness.



**EASY
SET-UP**



**ADVANCED
PROTECTION**



**HIGH INTENSITY
OUTPUT**



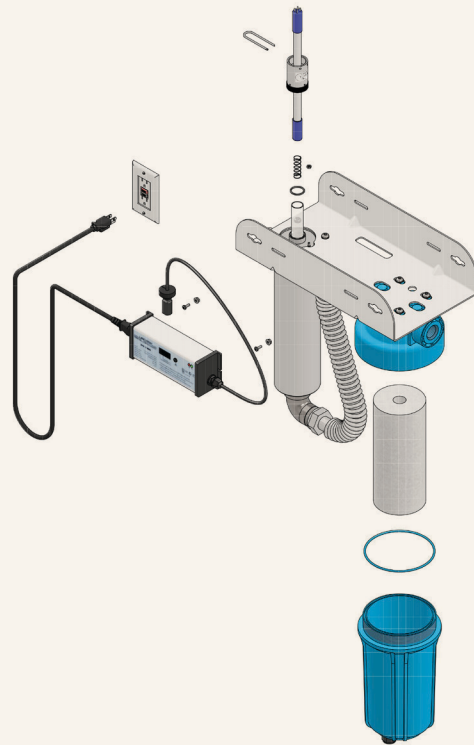
**PRE FILTER
PROTECTION**

CLEAR-FLO HALO SHIELD

OUR CLEAR-FLOW HALO SHIELD PROTECTS YOUR INVESTMENT WITH SEDIMENT PRE-FILTRATION WHILE PROTECTING YOUR FAMILY WITH BACTERIA DISINFECTION.

HOW IT WORKS:

1. Pre-treated water enters the Clear-Flo Sediment filter Housing and flows through the melt-blow polypropylene cartridge which captures suspended solids.
2. The water flows to the Halo Shield Ultraviolet chamber where it is exposed to ultraviolet rays that penetrate the bacteria, inactivating 99.9% of harmful microorganisms.
3. Treated water exits the chamber and enters your home disinfected.
4. The cartridge prevents build up so the high-intensity ultraviolet bulb and core chamber can continuously neutralize bacteria with proper maintenance.



MODEL NUMBER	SERVICE FLOW RATE (GPM)	PIPE SIZE (IN.)	LAMP/CARTRIDGE QUANTITY	DIMENSIONS DxHxW (IN.)	SYSTEM MONITOR	TREATMENT
7-LWT-UV410-009	9	1	1 each	21 x 20.44 x 11.25	Lamp-on, Lamp life remaining (days) Ballast total running days, Lamp replacement reminder, Lamp failure	Removes dirt, silica, and most suspended matter Disinfects water Neutralizes 99.9 % of harmful microorganisms

*Dimensions for estimating purposes

**At flow rates indicated, models meet or exceed 30mJ/cm² at 95 % UVT at end of lamp life

***Proprietary high intensity Lancaster bulbs and cartridges replacements required to maintain proper function

Operating Parameters:

SERVICE TIME	Max. 1 yr. (9000 hrs.) – bulb, Avg. 6 mths. - cartridge
TEMPERATURE	Min. 36°F - Max. 104°F
PRESSURE	Min. 7.25 PSI - Max. 120 PSI
OTHER CONSIDERATIONS	Pre-treatment required. Other equipment may be needed based on water quality.