

ULTRAVIOLET PURIFICATION

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 disinfecting 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.



**EASY
SET-UP**



**ADVANCED
PROTECTION**



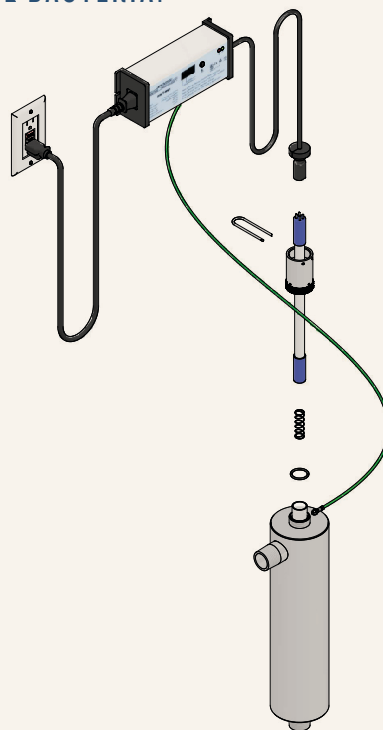
**HIGH INTENSITY
OUTPUT**

HALO SHIELD

BUILT TO LAST WITH THE POWER OF OUR HIGH-INTENSITY ULTRAVIOLET BULB AND CORE CHAMBER TECHNOLOGY, THE HALO SHIELD WILL NEUTRALIZES HARMFUL BACTERIA.

HOW IT WORKS:

1. Pre-treated water enters the Halo Shield Ultraviolet chamber.
2. The water 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 high-intensity ultraviolet bulb and core chamber continuously neutralize bacteria with annual maintenance.



MODEL NUMBER	SERVICE FLOW RATE (GPM)	PIPE SIZE (IN.)	LAMP QUANTITY	VESSEL SIZE DxH (IN.)	SYSTEM MONITOR	TREATMENT
7-LWT-UV009	9	1	1	3.50 x 17.38	Lamp-on, Lamp life remaining (days) Ballast total running days, Lamp replacement reminder, Lamp failure	Disinfects water
7-LWT-UV016	16	1	1	3.50 x 25.63		Neutralizes 99.9 % of harmful microorganisms
7-LWT-UV030	30	1.5	1	3.50 x 39.75		

*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 bulb replacements required to maintain proper function

Operating Parameters:

SERVICE TIME	Max. 1 yr. (9000 hrs.) bulb
TEMPERATURE	Min. 36°F - Max. 104°F
PRESSURE	Max. 125 PSI
OTHER CONSIDERATIONS	Pre-treatment required. Other equipment may be needed based on water quality.