



# LANCASTER

## WATER TREATMENT

*Est. 1942*

# CITYGUARD LTE UFAS

## UP-FLOW

### Scale Prevention

EcoSense media treats water to protect pipes, faucets, water heaters, boilers, and other appliances that require the use of water. Hardness minerals are transformed into harmless, inactive microscopic crystal particles that stay suspended in the water. As a result, scale build up is eliminated, maintaining the functionality of the water system of your entire home without the use of salt.

### Reduced Water & Energy

The Up-Flow filters are designed as a simple and effective method to treat the water in the house without the requirement of electricity or backwashing water to drain.



**NON-ELECTRIC**



**FIELD-PROVEN  
TECHNOLOGY**



**SALT FREE**

# CITYGUARD LTE UFAS

OUR ECOSENSE MEDIA PREVENTS SCALE BUILD-UP, PROTECTING THE PROPER FUNCTION OF BOTH INTERNAL AND EXTERNAL PLUMBING SURFACES AND EQUIPMENT.

## HOW IT WORKS:

1. Untreated water enters the CityGuard LTE and flows through the EcoSense media.
2. The CityGuard LTE perpetually, slightly lifts the EcoSense media with water flow, ensuring proper contact time with the media.
3. The EcoSense media transforms the hardness cations into neutral inactive crystal particles, preventing scale build-up.
4. The EcoSense media has a de-scaling effect on existing scale already present in the plumbing system.



MODEL NUMBER	MAX FLOW RATE (GPM)	PIPE SIZE (IN.)	UNIT HEIGHT (IN.)*	CU. FT. (LBS.)	TREATMENT
7-UFAS-011	10	1	50	0.11 (5.0)	Stops new Scale formation
7-UFAS-016	15	1	60	0.16 (7.6)	
7-UFAS-026	20	1	54	0.26 (12.7)	Aids in removal of existing Scale
7-UFAS125-044	30	1.25	71	0.44 (21.4)	
7-UFAS15-058	40	1.5	71	0.58 (28.25)	

\*Height for estimating purposes

## Operating Parameters:

PH	6.5 - 9.5
TEMPERATURE	Min. 35° F - Max. 100° F
PRESSURE	Min. 20 PSI - Max. 100 PSI
OTHER CONSIDERATIONS	<p>Ferrous Iron must be less than 0.3 mg/l.                      Manganese must be less than 0.05 mg/l.                      Chlorine must be less than 3ppm (de-chlorination recommended).                      Hardness 25 grains max.                      No oil, polyphosphates or hydrogen sulfide to be present.                      Other equipment may be needed based on water quality.</p>