



LANCASTER

WATER TREATMENT

Est. 1942

CITYGUARD PRO LXMB CAT

LX DIAMOND LINE

Chloramine & Chlorine Removal

Catalytic carbon is a greener, environmentally friendly way to remove Chloramines and Chlorine, improving the taste and smell of your water.

Prevent Build Up

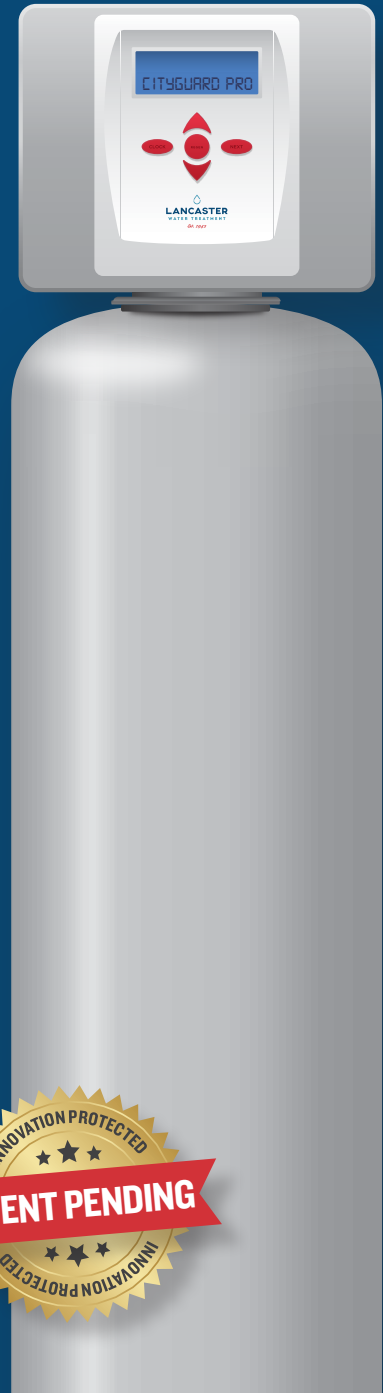
The large surface area and microporous structure of a natural zeolite mineral captures contaminants in water to protect pipes, faucets, water heaters, boilers, and other appliances that use water, effectively eliminating build up.

Particulate Filtration

Utilizing physical filtering media to filter sediment protects the water system of your entire house, ensuring functionality.

Scale Prevention

Hardness minerals are transformed into harmless, inactive microscopic crystal particles that remain suspended in water. This process eliminates scale build-up, ensuring the proper functioning of your entire home's water system without the use of salt.



**EASY
SET-UP**

**LOW
MAINTENANCE**

**ADVANCED
DIAGNOSTICS**

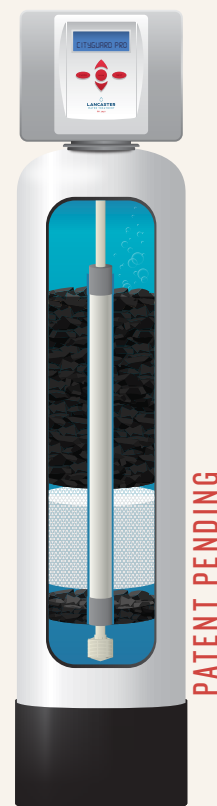
SALT FREE

CITYGUARD PRO LXMB CAT

OUR CITYGUARD PRO MIXED BED FILTER UTILIZES ADVANCED MEDIA TO DELIVER CLEAN AND REFRESHING WATER.

HOW IT WORKS:

1. Untreated water enters the CityGuard Pro and flows through the media.
2. The porous surface of the catalytic carbon captures organic molecules, removing chlorine and chloramines. Natural zeolite mineral and gravel capture suspended solids with their irregular surfaces.
3. The water continues up the Trident EcoSense-filled distribution tube, ensuring proper contact time with the media.
4. Treated water enters your home free of color, taste, and odor-altering organics, chlorine/chloramines, fixture-clogging sediment, and hardness cations transformed into neutral inactive crystal particles.
5. The CityGuard Pro will calculate the appropriate time to backwash/regenerate. Keeping the media clean and loosely packed to continue to remove contaminants from incoming water.



MODEL NUMBER	SERVICE CAPACITY (GAL.)**	BACKWASH (GPM)	PIPE SIZE (IN.)	UNIT HEIGHT (IN.)*	CU. FT.	TREATMENT
7-LXMB CAT-1.5B	1,000,000	5.3	1	64	1.5	Removes extensive contaminants Stops new scale while reducing existing scale

*Height for estimating purposes

**Service Capacity based on chlorine at 1 ppm

Operating Parameters:

PH	Wide range
TEMPERATURE	Min. 35° F - Max. 100° F
PRESSURE	Min. 20 PSI - Max. 100 PSI
OTHER CONSIDERATIONS	<p>Mineral should be soaked in water for 24 hours before backwashing. Upon installation, backwash to remove carbon fines before placing into service. Ferrous Iron must be less than 0.3 mg/l. Manganese must be less than 0.05 mg/l. Chlorine must be less than 3 ppm. Hardness 25 grains max. No oil, polyphosphates, or hydrogen sulfide to be present. Other equipment may be needed based on water quality.</p>