



LANCASTER

WATER TREATMENT

Est. 1942

AQUANUE LXCTAIR

LX DIAMOND LINE

Prevent Staining and Pipe Build-Up

Filters treat water to protect pipes, faucets, water heaters, boilers, and other appliances that require the use of water. As a result, water stains are eliminated, and the water system of your entire house will remain clear to maintain functionality.

Hydrogen Sulfide & Iron (Catalytic Carbon)

The Lancaster AquaNue LXCTAIR is a greener, environmentally friendly way to eliminate two of the most troublesome water quality challenges: hydrogen sulfide (rotten egg odor) and lower levels of iron. Oxidation of iron and hydrogen sulfide gas is initiated as the water passes through a compressed pocket of air. Dissolved oxygen-enriched water now continues through a catalytic media, enhancing the oxidation reaction and producing precipitates that are easily filtered. Accumulated sediment is backwashed out daily and a new air pocket is formed.

Chemical Free Water Filtration

Utilizing physical filtering media to collect water contaminants rather than using chemicals to alter the contaminants within the water allows the system to provide your home with safe and healthy water.



**EASY
SET-UP**



**REDUCED
WATER USAGE**

WITH PLATED TANK TECHNOLOGY



**LOW
MAINTENANCE**



**ADVANCED
DIAGNOSTICS**

AQUANUE LXCTAIR

A SIMPLIFIED WAY TO ELIMINATE HYDROGEN SULFIDE GAS AND IRON WITHOUT THE USE OF CHEMICALS.

HOW IT WORKS:

1. Untreated water enters the LX Diamond Line AquaNue™ LXCTAIR and flows through the media.
2. Hydrogen sulfide and iron are removed as the media oxidates and captures the precipitates.
3. Treated water enters your home free of staining iron and odorous hydrogen sulfide.
4. The LX Diamond Line AquaNue™ LXCTAIR will calculate the appropriate time to backwash, reforming the air pocket, while keeping the media clean and loosely packed, so that it can continue to remove contaminants to incoming water.



MODEL NUMBER	SERVICE FLOW RATE (GPM)	BACKWASH (GPM)	PIPE SIZE (IN.)	UNIT HEIGHT (IN.)	CU. FT.	TREATMENT
7-LXCTAIR-1B	5.5	5.3	1	64	1	Removes hydrogen sulfide and iron
7-LXCTAIR-2B	10.7	10	1	75	2	
7-LXCTAIR-3B	14	15	1	75	3	

*Height for estimating purposes

Operating Parameters:

PH	Effective as low as 5.8, 7.0 to 8.5 (recommended)
TEMPERATURE	Min. 35° F - Max. 100° F
PRESSURE	Min. 20 PSI - Max. 100 PSI
OTHER CONSIDERATIONS	Other equipment may be needed based on water quality.