



LANCASTER

WATER TREATMENT

Est. 1942

AQUANUE LXRATAIR

LX DIAMOND LINE

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.

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 & Manganese (Katalox Light)

Lancaster's AquaNue LXRATAIR uses this unique lightweight, high surface area filtration media with a high concentration MnO2 catalytic coating technique for hydrogen sulfide, higher levels of iron, manganese and sediment. It provides higher filtration rates, extended service life and reliable performance without producing a disinfection by-product.



**EASY
SET-UP**



**REDUCED
WATER USAGE**

WITH PLATED TANK TECHNOLOGY



**LOW
MAINTENANCE**



**ADVANCED
DIAGNOSTICS**

AQUANUE LXXATAIR

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

HOW IT WORKS:

1. Untreated water enters the LX Diamond Line AquaNue™ LXXATAIR and flows through the media.
2. Hydrogen sulfide, iron, and manganese are removed as the media oxidates and captures the precipitates.
3. Treated water enters your home free of staining iron and manganese, and odorous hydrogen sulfide.
4. The LX Diamond Line AquaNue™ LXXATAIR 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-LXXATAIR-1B	4.6	5.3	1	64	1	Removes iron, manganese and hydrogen sulfide Reduces turbidity
7-LXXATAIR-2B	9.1	10	1	75	2	
7-LXXATAIR-3B	11.9	15	1	75	3	

*Height for estimating purposes

Operating Parameters:

PH	Effective as low as 5.8, 7.5 to 8.5 (recommended)
TEMPERATURE	Min. 35° F - Max. 100° F
PRESSURE	Min. 20 PSI - Max. 100 PSI
OTHER CONSIDERATIONS	No organic matter to be present. Other equipment may be needed based on water quality.