

AQUANUE LXRATAIRO3

LX DIAMOND LINE



LANCASTER WATER TREATMENT

Est. 1942

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 & Nuisance Bacteria¹ (Katalox Light & Ozone)

The Lancaster AquaNue LXRATAIRO3 uses the natural powers of ozone to enhance the oxidation and filtration of hydrogen sulfide, iron, manganese and nuisance bacteria from your home's water. Ozone eliminates the need for chemical feed pumps, is 1.5 times stronger than chlorine, more environmentally friendly and safe for septic systems. The Enhanced Oxygen Generator (EOG) creates a controlled amount of ozone in the filter, increasing the oxidation process while providing anti-microbial protection.

1 - Nuisance bacteria refers to iron and sulfate reducing bacteria which are harmless to human health

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 LXXKATAIRO3

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

HOW IT WORKS:

1. Untreated water enters the LX Diamond Line AquaNue™ LXXKATAIRO3 and flows through the Ozone highly oxidated media.
2. Hydrogen sulfide, iron, manganese, and nuisance bacteria are removed as the media oxidates and captures the precipitates.
3. Treated water enters your home free of staining iron and manganese, odorous hydrogen sulfide, and iron and sulfate reducing bacteria.
4. The LX Diamond Line AquaNue™ LXXKATAIRO3 will calculate the appropriate time to backwash, replacing the head of ozone, 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-LXXKATAIRO3-1B	4.6	5.3	1	64	1	Removes iron, manganese, hydrogen sulfide, and nuisance bacteria Reduces turbidity
7-LXXKATAIRO3-2B	9.1	10	1	75	2	

*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 chlorine to be present. No organic matter to be present. Other equipment may be needed based on water quality.