

CITYSOFT LXDCATS/LXDCA/LXDNS LX DIAMOND LINE



LANCASTER

WATER TREATMENT

Est. 1942

Perfect for City Life

Public water comes with convenience but less control over the quality of your water. The CitySoft helps you improve your water by softening hard water while reducing chlorine or correcting pH. Enjoy cleaner, softer, better-tasting water throughout your home.

Environmentally Friendly

Enjoy the benefits of soft water while reducing salt and water usage. The adjustable regeneration cycle cleans both medias in a single regeneration, helping conserve water and improve efficiency.

Increased Efficiency

The high-performance mineral tank with distribution plates and control valve delivers optimized treatment performance. Soft water helps reduce scale buildup on fixtures and appliances, while the system's design helps decrease operating costs.



**EASY
SET-UP**



**REDUCED
WATER USAGE**
WITH PLATED TANK TECHNOLOGY



**LOW
MAINTENANCE**



**ADVANCED
DIAGNOSTICS**

CITYSOFT LXDCATS/LXDCS/LXDNS

THE CITYSOFT IS TWO TREATMENT TECHNOLOGIES IN ONE. TOGETHER THEY REMOVE CHLORINE OR RAISE THE PH WHETHER YOUR WATER IS CHLORINATED OR CORROSIVE, WHILE SIMULTANEOUSLY PROVIDING CRYSTAL-CLEAR, SOFTENED WATER.

HOW IT WORKS:

1. Untreated water enters the LX Diamond Line CitySoft™ and flows through the resin and carbon (DCATS/DCS) or neutralizing media (DNS).
2. Hardness is removed via an ion exchange, while the carbon captures organic molecules, or the neutralizing media is dissolved raising the water's pH.
3. Treated water enters your home free of hardness, color, taste, and odor (DCATS/DCS) or free of hardness and corrosion causing acidity (DNS).
4. The LX Diamond Line CitySoft™ will calculate the appropriate time to regenerate, cleaning and recharging the resin and carbon/neutralizing media, so that it can continue to remove contaminants to incoming water. (Neutralizing media will need to be added over time).



TYPE	MODEL NUMBER	SERVICE FLOW RATE (GPM)	PIPE SIZE (IN.)	UNIT HEIGHT (IN.)	CU. FT.		TREATMENT
					TOP (UNIT MEDIA)	BOTTOM (RESIN)	
CITYSOFT PLUS™	7-LXDCATS-75B	5	1	64	.75	1	Hardness Removal up to 100 gpg.
	7-LXDCATS-100B	5	1	70	1	1	
	7-LXDCATS-150B	10	1	64	1.5	1	Chlorine/Chloramines Reduction
	7-LXDCATS-200B	10	1	64	2	1	
CITYSOFT™	7-LXDCS-75B	5	1	64	.75	1	Hardness Removal up to 100 gpg.
	7-LXDCS-100B	5	1	70	1	1	
	7-LXDCS-150B	10	1	64	1.5	1	Chlorine Reduction
	7-LXDCS-200B	10	1	64	2	1	
	7-LXDNS-75B	5	1	64	.75	1	Hardness Removal up to 100 gpg.
	7-LXDNS-100B	5	1	70	1	1	
	7-LXDNS-150B	10	1	64	1.5	1	pH Correction min. 6.0 to 7.0
	7-LXDNS-200B	10	1	64	2	1	

*Height for estimating purposes

Operating Parameters:

PH	6.0 to 7.0 (DNS), Wide range (DCS/DCATS)
TEMPERATURE	Min. 35°F - Max. 100°F
PRESSURE	Min. 20 PSI - Max. 100 PSI
OTHER CONSIDERATIONS	Upon installation, backwash to remove carbon fines before placing into service (DCS/DCATS). No iron to be present. Other equipment may be needed based on water quality.