

# CITYSOFT LXDCATS/LXDCS/LXDNS

## LX DIAMOND LINE



# LANCASTER

## WATER TREATMENT

*Est. 1942*

### Perfect for City Life

Public water comes with convenience but less control over the taste and health of your water. With the CitySoft, you have the power to influence your water quality with a compact, mid-plate media tank design that removes chlorine or corrects pH. Naturally, it leaves you with great tasting, healthy water.

### Environmentally Friendly

With a fully adjustable regeneration cycle, you can minimize salt and water usage. Also, within one regeneration cycle, the system cleans the filter and softener simultaneously to conserve water.

### Increased Efficiency

The high-performance mineral tank with distribution plates combined with the control valve allows the system to reduce discharge and increase efficiency – saving on time and money.



**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 waters 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
CITYSOFT PLUS™	7-LXDCATS-75B	5	1	64	.75	Hardness Removal up to 100 gpg.
	7-LXDCATS-100B	5	1	70	1	
	7-LXDCATS-150B	10	1	64	1.5	Chlorine/Chloramines Reduction
	7-LXDCATS-200B	10	1	64	2	
CITYSOFT™	7-LXDCS-75B	5	1	64	.75	Hardness Removal up to 100 gpg.
	7-LXDCS-100B	5	1	70	1	
	7-LXDCS-150B	10	1	64	1.5	Chlorine Reduction
	7-LXDCS-200B	10	1	64	2	
	7-LXDNS-75B	5	1	64	.75	Hardness Removal up to 100 gpg.
	7-LXDNS-100B	5	1	70	1	
	7-LXDNS-150B	10	1	64	1.5	pH Correction min. 6.0 to 7.0
	7-LXDNS-200B	10	1	64	2	

### Operating Parameters:

\*Height for estimating purposes

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.