



Duplex City Water Softener



Keep Unwanted Municipal Chemicals Away 24/7

The DROP Duplex City Water Softener is a smart system that provides 24/7 soft water and progressive flow to efficiently meet the fluctuating demands of a busy household while also protecting from costly water leaks.



Features

- Eliminates Hardness (Calcium & Magnesium)
- Reduces Chlorine and Chloramine taste & odor
- Demand Initiated Regeneration
- Treated Water Refill with Pre-Brine Option
- Adjustable Cycle Times
- 9V Battery Backup for Power Loss
- DROP App to Control System from Anywhere
- Water Usage Data and History
- Provides text messages, emails and/or push notifications for low salt and other system information to your smartphone.
- Proprietary two valve manual bypass with 1" MNPT Connections
- 5 Year Warranty

Benefits

The DROP Duplex City Water Softener provide all of the benefits of the Smart Water Softeners with the added ability to remove unwanted chemicals present in most municipal water supplies such as chlorine and chloramine. The mineral tank of a city water softener is divided into two sections. The first section is filled with catalytic carbon that removes the chemicals and the second section is filled with high-performance ion exchange resin to soften the water.

Like all DROP water softeners, the Duplex City Water Softener utilizes a patented piston design that provides the ability to shut off water to the home. When paired with DROP Leak Detectors through the DROP Hub, this system provides all the benefits of a top of the line water softener, home leak protection, and a water conservation system in one.

DROP Leak Detectors

Place DROP Leak Detectors under sinks and dishwashers, behind toilets or washing machines, near your water heater, or anywhere that water might leak or collect. If a leak or freezing temperature is detected, the Leak Detector will have the DROP Duplex City Water Softener turn off your water.



Models	DWSC-32	DWSC-48
Catalytic Carbon Media	.5 ft3	1.0 ft3
Capacity / Salt Used per Regeneration*	27,000 Grains / 9 lbs	40,000 Grains / 15 lbs
Maximum Raw Water Hardness	75 Grains	100 Grains
Maximum Clear Iron / Magnesium	5 ppm	5 ppm
Exchange Resin	1.0 ft3	1.5 ft3
Mineral Tank	10 x 54 polyglass	13 x 54 polyglass
Brine Tank	16 x 33 polyethylene	16 x 33 polyethylene
Service Flow Rate **	5.0 gpm	8.0 gpm
Backwash Flow Rate	2.4 gpm	3.5 gpm
Gallons Used / Regeneration	81	105
Electrical Requirements	12V DC Power Supply (includ-	12V DC Power Supply (includ-
Battery Backup	9V Battery Backup for power	9V Battery Backup for power
Product Dimensions and Size	D: 16in W: 36in H: 62in	D: 16in W: 42in H: 62in
Approximate Shipping Weight	237 lbs	320 lbs

* Factory Salt Setting: 9 lbs / ft3

** The pressure drop does not exceed 15.0 psi at the service flow rate.

With the DROP Duplex Systems, the second tank can come on-line in parallel with the lead tank to allow a higher flow rate. However, if one tank is regenerating the service flow is limited to one tank during that time.



The DROP Hub

The DROP Duplex Softener requires the function of the DROP Hub. The hub is the connection to everything on the DROP Smart Water Management system. It integrates all of your residential water devices together.



The DROP Remote

This unique device is an excellent accessory with any other DROP product. This smart remote lets you turn on/ off your water with a convenient button, notifies you of new system status events, and extends your wireless DROP Link network.



The DROP Leak Detector

Never worry about coming home to frozen pipes, absurdly high water bills or a soaked kitchen. These inconspicuous water-saving devices integrate with our smart water monitoring system to safeguard your home.

DROP

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