

DROP

Duplex Water Softener

Comprehensive Water Treatment For Your Home



Summary

The DROP Duplex Water Softener is a professional grade 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)
- Demand Initiated Regeneration
- Treated Water Regeneration 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 water leaks, low salt and other system information to your smartphone.
- Proprietary two valve motorized bypass with 1" MNPT Connections.
- 5 Year Warranty

Like all DROP water softeners, the Duplex 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 Pro Water Softener turn off your water.



DROP

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App Store

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Product Specifications	DWS-32	DWS-48	DWS-64
Capacity / Salt Used per Regeneration*	32,000 Grains / 15 lbs 27,000 Grains / 9 lbs 20,000 Grains / 6 lbs	48,000 Grains / 24 lbs 40,000 Grains / 15 lbs 30,000 Grains / 9 lbs	64,000 Grains / 30 lbs 54,000 Grains / 18 lbs 40,000 Grains / 12 lbs
Maximum Raw Water Hardness	60 Grains	80 Grains	100 Grains
Maximum Clear Iron / Manganese	5 ppm	5 ppm	5 ppm
Exchange Resin per tank / Vortech Mineral Tank (x2)	1.0 ft ³	1.5 ft ³	2.0 ft ³
Mineral Tank (X2)	9 x 48 polyglass	10 x 54 polyglass	12 x 52 polyglass
Brine Tank	16 x 33 polyethylene	16 x 33 polyethylene	18 x 40 polyethylene
Service Flow Rate **	10.0 gpm	11.0 gpm	12.0 gpm
Backwash Flow Rate	1.5 gpm	2.0 gpm	2.4 gpm
Gallons Used / Regeneration	78	90	117
Electrical Requirements	12V DC Power Supply (included)	12V DC Power Supply (included)	12V DC Power Supply (included)
Battery Backup	9V Battery Backup for power loss	9V Battery Backup for power loss	9V Battery Backup for power loss
Product Dimensions and Size	D: 16in W: 34in H: 56in	D: 16in W: 36in H: 62in	D: 18in W: 40in H: 60in
Approximate Shipping Weight	200 lbs	266 lbs	328 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 service flow rate. However, if one tank is regenerating the service flow is limited to one tank during that time.



The DROP Hub

The Pro Water 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 DROP 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.



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