

Commercial Water Softeners with DROP Technology



1.5" 1.25" 1"

The Penguin Water Commercial Water Softener with Drop Technology monitors water usage throughout your business or custom or estate home. This technology is not for everyone, but it is engineered for businesses and custom homes (estate homes) where water quality and advanced control is paramount. Drop is a unique water management system that utilizes a Drop Hub to manage and monitor your water usage throughout your home or business. Drop can control up to 12 water softeners, 12 iron filters, 12 sediment filters, and 12 other water treatment devices with just one hub. It provides progressive flow for two or twelve water softeners or filters.



Revolutionary Game-Changing DROP Technology

- Saves 40 to 55% on salt and regeneration water
- Provides ultimate softening efficiency by eliminating channeling
- Less space & smaller tanks
- Lower capital costs
- Simple programming with Smart Device
- Full Modular - From 1 to 12 tanks controlled with the Drop Hub
- Programs in less than a minute with App
- Alerts you to leaks and stops them before they cause a flood



Typical Configurations

Single



Duplex



Triplex



Quadruplex



Available in the following pipe sizes:

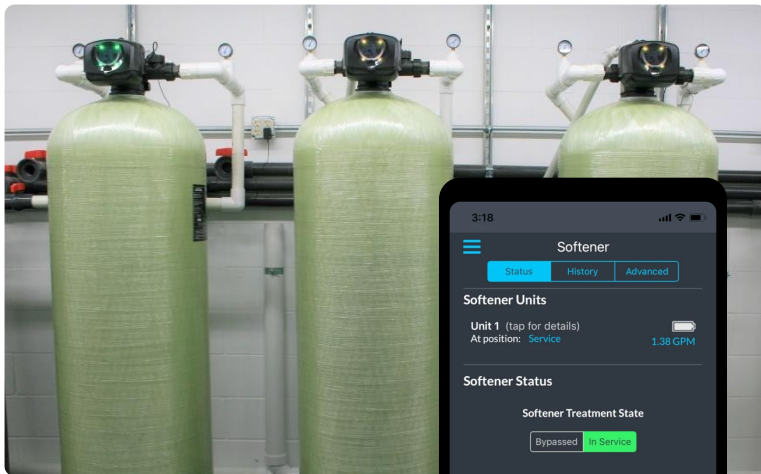
- 1.00 Inch - Up to 25 GPM Per Tank
- 1.25 Inch - Up to 38 GPM Per Tank
- 1.50 Inch - Up to 50 GPM Per Tank

DROP

Components Required (3 tank progressive)



Non-bypassing Piston + Patented Water Shutoff = Simple Multiplex Systems



- Each tank monitors flow & water usage. When a tank is exhausted, it immediately goes off-line & regenerates (No-Hard-Water-By-Pass prevents untreated water from reaching service, and lock-out assures that only one tank can regenerate at a time).
- System automatically accommodates fluctuations in demand without risk of bleeding hard water to service, supplies treated water continuously 24/7, and conserves salt & water.
- During periods of low flow, automatically takes tank(s) off-line to prevent hardness bleed due to channeling.

Commercial Systems with DROP Technology

- A naturally synchronized system
- All setup and configuration is done through the DROP app (no climbing ladders to tweak settings)
- DROP app centralizes all settings and intelligently minimizes the number of settings that need programmed.
- DROP operates on a reliable local proprietary wireless network that does not depend on any other infrastructure other than being powered.
- WiFi connection to the hub is not required to operate, giving resilience, but it brings additional monitoring, maintenance, and management features.
- App allows user to remotely monitor water usage.
- Sends notices of abnormal water usage, needing to add salt, and if there is a problem, you'll know it.
- Provides remote diagnostics/assistance



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Ease of Upgrading



- Should the site expand someday & need higher flows, then additional DROP softener tanks may be plumbed-in, and the new unit(s) will automatically sync with the original system!
- One DROP hub is required for all job sites (can control up to 4 water treatment stages, and 12 parallel tanks in each treatment stage). Stages of treatment can be backwashing filters with various media types, iron removal filters, and softeners.

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Drop Leak Detector

Up to 32 leak detectors can protect your business or home from leaks and disasters.



Low Flow Rate Requirement



High Flow Rate Requirement



1" + 1.25" Valves



Built-in Bypass Valve

Allows you to easily bypass the system for watering lawns, filling pools, etc.

