

DROP

ProPlex Water Softener



Commercial Water Treatment

The DROP ProPlex 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 modern applications while also protecting from costly water leaks.



Features

- Eliminates Hardness (Calcium & Magnesium), and dissolved Iron and Manganese
- Demand Initiated Regeneration
- Treated Water Regeneration (1" valve models only); with Pre-Brine Option available for all
- Adjustable Cycle Times
- 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.
- No-Hard-Water-By-Pass valves prevent untreated water from reaching service during regeneration
- Expandable up to 12 tanks
- 5 Year Warranty

Benefits

Automatically reduce hardness (calcium/magnesium) and dissolved iron/manganese along with their unpleasant side-effects. Only the highest quality resin, controls and materials are used in DROP Commercial Water Softeners. Our motor-driven piston control valve is the most reliable under even severe water conditions and resists common adversaries such as hardness and iron. Meanwhile, our hub and lateral style distribution systems within the corrosion resistant tanks maximize flow while reducing pressure loss through the units.

ProPlex

To maximize the efficiency of DROP systems that utilize numerous Softener tanks we created ProPlex. ProPlex utilizes our DROP Link technology to take softeners online/offline as needed to optimize efficiency and performance. ProPlex also offers ease of expandability by wirelessly connecting more products down the line to increase capacity.

The DROP Hub

All DROP products require the function of the DROP Hub. The Hub is the connection to everything on the DROP Smart Water Management System. It integrates all of the DROP water devices together.



Our DROP ProPlex water softeners are offered in an various sizes and capabilities. To find out what best works for your situation, consult our DROP Commercial Catalog or contact the DROP Corporate Office at 1.833.BUY.DROP.

Can operate with all tanks in service together (unless one is regenerating). During periods of low flow, tank(s) automatically drop-out, which prevents channeling. When demand increases, tank(s) are AUTOMATICALLY placed back into service. Immediate regeneration - The DROP Hub allows only one tank to regenerate at a time. Each tank can regenerate multiple times per day.

Models <small>(No. equals grain capacity in thousands)</small>	Valve Size	Systems with 2 Valves			Systems with 12 Valves			
		GPM Flow Rates (assumes 1 tank regenerating)			GPM Flow Rates (assumes 1 tank regenerating)			
		Service 15 PSI Loss	Service 8 PSI Loss	Peak 25 PSI Loss	Service 15 PSI Loss	Service 8 PSI Loss	Peak 25 PSI Loss	Backwash Per Tank
CSD30	1"	12	8.4	16	132	92.4	176	2.4
	1.25"	19	14	25	209	154	275	2.4
CSD45	1"	11	7.5	15	121	82.5	165	2.4
	1.25"	17	12	22	187	132	242	2.4
CSD60	1"	14	10	19	154	110	209	4
	1.25"	22	16	28	242	176	308	4
	1.5"	27	20	34	297	220	374	4
	2.0"	34	25	44	374	275	484	4
CSD75	1"	13	9	17	143	99	187	3.2
	1.25"	20	15	26	220	165	286	3.2
CSD90	1"	13	9	17	143	99	187	4
	1.25"	20	15	26	220	165	286	4
	1.5"	26	19	33	286	209	363	4
	2.0"	33	24	43	363	264	473	4
CSD120	1"	14	10	24	154	110	264	5
	1.25"	21	15	27	231	165	297	5
	1.5"	28	20	36	308	220	396	5
	2.0"	37	27	48	407	297	528	5
CSD150	1.25"	22	16	29	242	176	319	5
	1.5"	29	21	38	319	231	418	5
	2.0"	40	29	51	440	319	561	5
CSD210	1.25"	22	16	29	242	176	319	10
	1.5"	31	22	40	341	242	440	10
	2.0"	45	33	58	495	363	638	10
CSD300	1.5"	31	23	40	341	253	440	12
	2"	47	34	60	517	374	660	12
CSD450	2"	49	36	64	539	396	704	20
CSD600	2"	51	37	66	561	407	726	32



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