

Soft Water
Saves You
Money



**SOF₂O Defender-100 Series Space Saver
Water Softener**

Save

*up to 30% with increased water heater efficiency.
up to 50% on soap for kitchen, bath, and laundry.
up to 30% on shampoo, conditioners, and lotions
up to 15% with less plumbing repairs and supplies.
up to 40% on household cleaning time.*

Benefits:

Kitchen

- Virtually spot-free dishes using less soap
- Save time and energy cleaning counter tops, kitchen sinks, and cutting boards
- No scrubbing

Bathroom

- Healthier softer skin and shiny more manageable hair
- Reduces soap scum buildup on shower, tub, sinks, and toilet
- Leaves shower and bath virtually spotless

Laundry

- Use less detergent and fabric softener
- Clothing and linens are softer, brighter, cleaner, and last much longer

Appliances and Plumbing

- Prolongs the life of all water using appliances like water heaters, dishwashers, laundry machines, etc.
- Improves water flow by eliminating calcium buildup in pipes

System Features:

- High Flow System is ideal for supplying more water with less pressure loss
- Pre-filling of Salt Tank with softened water helps keep the Salt Tank clean
- Permanent System Memory with no battery needed or required during power out age
- Smart Variable Reserve adjusts to the water needs of your family
- Solid State Controller provides detailed diagnostics like total gallons, average daily use, flow rate, and is easily programmed to match your family's water needs
- Fewer Moving Parts means easy maintenance
- Safe Low Voltage Power uses less than a penny a day in electricity

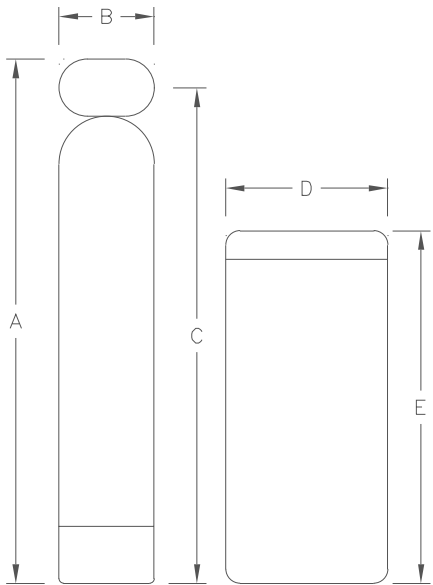
SOF₂O Series[®]

SOF₂O Defender

SOF 0 Defender-100 Series Space Save Water Softner

Capacity Grains @ Lbs NaCL	100EDS075SS	100EDS100SS	100EDS175SS
High	20,400@11.5	27,200@15.0	47,900@26.5
Medium	17,900@7.5	23,800@10.0	41,900@17.5
Low (a)	16,600@6.0	22,100@8.0	39,000@14.0
High Efficiency	14,600@4.5	19,500@6.0	34,000@10.0
High Capacity Resin	0.75	1.00	1.75
Peak Flow @ 15 PSID (c)	12.5	13.0	17.0
Service Flow @ 10 PSID	9.3	9.7	12.7
Water Hardness Range GPG	3-20	15-70	20-100
Maximum Iron (ppm) (b)	1.0	1.0	1.0
Water Pressure Min/Max PSI	25-100	25-100	25-100
Min/Max Water Temp Range F	40-100°	40-100°	40-100°
Electrical Requirement (Volt/Hz)	110-50/60	110-50/60	110-50/60
Plumbing Options	3/4" -1"	3/4" -1"	3/4" -1"

- (a) Factory salt setting.
- (b) Clear water iron reduction will vary depending on type of iron, pH, and other local conditions.
- (c) Continuous operation at flow rates greater than the maximum Service Flow rate may affect capacity and efficiency performance. For high salt settings a larger salt tank may be needed.
- (d) All specifications and performance ranges are subject to change without notice.



WARRANTY

- 1 Year on Complete Unit
- 3 Years on Electrical Parts
- 5 Years on Valve Body and Internals
- 10 Years on Resin Tank

See Owners Manual For Specific Conditions

System DIMENSIONS

Model	A	B	C	D	E
075	38	10	33	17	37
100	38	10	33	17	37
175	44	12	39	17	37
Optional Space Saver Brine Maker				11	37



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