

## ROTEK Water Softener

### Hardness Removal

ROTEK Auto-control Water Softener reduces the calcium and magnesium ion concentration in hard water which causes hard-scale build-up. It also inhibits the cleaning effect of detergent formulations.

It is able to address, if you experience problems related to hard water, such as scale build-up on fixtures, appliances, or plumbing, a water softener can be a solution. It reduces the concentration of calcium and magnesium ions, which are responsible for the hardness of the water.

Our water softener's capacity range of 1,000 - 25,000 liters per hour (LPH) and assess your specific needs. Calculate the average water consumption in your household or business to select an appropriate capacity that can handle the demand effectively.

## Advantages

- **Hyper Filtration Efficiency** - Clino-X Sand Filter offers enhanced performance with filtration efficiency in the 3 to 5 micron range, leading to cost savings for chemicals, filter cartridges, membrane cleaning, and membrane life.
- **Higher Flow Rates** - Clino-X allows for nominal service flow rates up to 15 gpm/ft<sup>2</sup> in pressure filters, resulting in significant savings in initial equipment costs compared to traditional media.
- **Superior Water Clarity** - With peak flow rates up to 20 gpm/ft<sup>2</sup>, Clino-X combines straining, ion exchange, sedimentation, and flocculation to produce crystal-clear water with turbidity as low as < 0.1 NTU.
- **Water Savings** - Clino-X has a loading capacity up to 1.5 times greater than multi-media and up to 2.8 times, resulting in longer run times and less frequent backwashing, leading to significant water savings.
- **Lightweight Media** - Weighing 50-70% less than traditional media, Clino-X offers substantial freight savings.
- **Environment Friendly** - Unlike sand, Clino-X can bind and remove contaminants like ammonia and (N), and after use, it can often be applied as a "slow release" fertilizer for gardens, agriculture, and horticultural purposes.



ADI Series



CMC Series

## ADI Series Specifications

Model	Media Volume	Service Flow	Peak Flow	Controller	In/Outlet	Tank Dimension	Brine Tank
ADI-1035	30L	5GPM	6GPM	F63P1	1"	10" x 35"	38x43x84 cm
ADI-1054	50L	6GPM	7GPM	F63P1	1"	10" x 54"	38x43x84 cm
ADI-1354	70L	8GPM	11GPM	F63P1	1"	13" x 54"	38x43x84 cm
ADI-1465	100L	12GPM	14GPM	F63P1	1"	14" x 65"	38x43x84 cm
ADI-1665	120L	18GPM	20GPM	F63P1	1"	16" x 65"	38x43x84 cm
ADI-1865	150L	20GPM	22GPM	F40	1-1.5"	18" x 65"	46x46x102 cm
ADI-2162	200L	23GPM	25GPM	F40	1-1.5"	21" x 62"	64x64x127 cm

## CMC SerSpecifications

Model	Resin Volume	Cap Color	Body Color	In/Out Threads	Tank Dimension	Brine Tank
CMC-L	30 or 40L	Blue / Green	White	1"	10" x 35"	32x48x114 cm
CMC-M	21L	Blue / Green	White	1"	8" x 30"	32x48x101 cm
CMC-S	13L	Blue / Green	White	1"	8" x 18"	38x43x71 cm



Softening  
Cation Resin



Small Gravel  
3 - 8mm

### Product Material:

**Control Valve:** Auto-control / Manual

**Tank:** Glass-fiber reinforced polyethylene

**Treating material:** Strong Acid Cation Resin & Gravels

**Distributor:** PE

### Working Conditions:

Max working pressure 6 BAR

Min working pressure 2 BAR

Max working temperature 50°C