

AQUACLEAR

water treatment specialists



Water Softener Solutions for Hard Water

ACS - LC Series for 8 to 22 gpm Light Commercial Applications

Model ACS - LC with Fleck Control Valve

Standard Features:

- Up to 22 gpm continuous flow (26 gpm peak); Ideal for light commercial applications or for large residential.
- Provides reliable softening and filtration.
- Optical electronics (no microswitch positioning)
- Teflon-coated brass piston (lead-free).
- Metered-flow for regeneration to reduce salt consumption.
- Electronic timer allows for quick programming and setup.
- Quick-connect clips for easy installation and maintenance.
- Sizes up to 10 cu. ft. of media.
- Brine tank safety float.

Options:

- High-flow bypass valve
- High-flow distribution system
- Variety of plumbing connection options: (NPT, BSP, or Sweat in 3/4", 1", 1-1/4" and 1-1/2")
- Soft-water brine refill
- Variable reserve
- Metered with regeneration override
- Manual operation
- Double backwash
- Environmental cover (NEMA-3R rated)
- Auxiliary switch
- Fill first (dry salt storage)



All of the ACS systems offered by Aqua Clear are designed and built to meet the rigorous requirements of commercial/industrial water purification applications.

Systems are readily available for a virtually any application or flow rate. Common applications include, Hotels and Casinos, Pharmaceutical Production, Food and Beverage Manufacturing, Chemical Processing, Agricultural and Farm Water Purification, Power Generation, etc.

Aqua Clear Water Treatment Specialists

The Clear Choice for Commercial and Industrial Water Treatment Systems and Services

4920 Silverton Avenue • San Diego, CA 92126 • Ph. 858.270.7655 • Fx. 866.291.0742

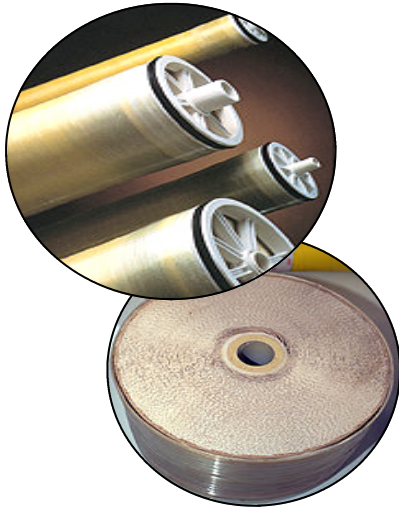
www.aquaclearllc.com

Aqua Clear ACS-LC Series of Light Commercial Water Softeners

Part Number	Media Capacity (cf)	GPG Capacity @ 5 lbs/cf	GPG Capacity @ 15 lbs/cf	Mineral Tank Size (dia x height)	Brine Tank Size (dia x height)	Salt (lbs)	Peak gpm (est)	Service Flow gpm (est)
ST-30K-948-1830	1	20000	30000	9 x 48	18 x 30	300	14	8
ST-45K-1252-1840	1.5	30000	45000	10 x 54	18 x 40	300	16	10
ST-60K-1054-1840	2	40000	60000	12 x 52	18 x 40	400	18	15
ST-75K-1354-1840	2.5	50000	75000	13 x 54	18 x 40	400	18	18
ST-90K-1465-1840	3	60000	90000	14 x 65	18 x 40	400	20	20
ST-120K-1865-2440	4	80000	120000	16 x 65	24 x 40	750	20	20
ST-150K-1665-2440	5	100000	150000	18 x 65	24 x 40	750	24	20
ST-180K-2062-2454	6	120000	180000	20 x 62	24 x 54	1000	24	20
ST-210K-2260-2454	7	140000	210000	22 x 60	24 x 54	1000	26	22

Specifications subject to change.

Aqua Clear also offers the ACS-MC and ACS-HC for Medium and Heavy Commercial Installations, as well as custom designed systems for applications that have special requirements.



Nanofiltration - The "No Salt" Approach

Nanofiltration is quickly becoming a viable alternative to traditional media based softeners. One benefit of "Nano" is that no salt is required.

Nano is similar to Reverse Osmosis, but it offers a number of important benefits for applications such as drinking water and irrigation.

For Nanofiltration, just as with RO, the membrane used must be carefully selected and it must be well built. Aqua Clear uses the highest quality membranes available, and the membranes used for each installation are selected based on a comprehensive evaluation of the water that will be processed and the specific requirements of the application.

Since 1994, Aqua Clear Water Treatment Specialists has provided water treatment systems and services for commercial and industrial applications. We offer a wide range of filtration solutions, including custom built Reverse Osmosis (RO) and Nanofiltration systems. We also offer water treatment services for applications such as Cooling Towers and Closed-loop water maintenance.



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