

MacCLEAN  
**ONE STEP**  
water softener control

Electronic  
Demand  
Initiated  
Water  
Softeners



High Efficiency Water Softeners

# Demand Initiated Softener

## Simple Push Button Programming

Allows you to monitor and control every function and cycle. Meters your water usage. Regenerates only when necessary. No need for vacation settings, just soft, filtered water when you need it. Regeneration is delayed to a time when softened water is not required.

### DISPLAY SHOWS:

- Time of day
- Gallons to go before regeneration
- Flow rate (gpm)

### EXTRA CYCLE BUTTON:

- Immediately Initiates cycle

### PROGRAM BUTTON ACCESSES:

- Time of regeneration
- Cycle duration

### SET BUTTONS:

- Used to adjust time and cycles.



## SEAMLESS RESIN TANK

Seamless construction; thicker wall section. No glue joints or heat welded bonds to fail; will not rust or corrode.

*U.S. Patent Numbers 5,584,411 - 5,699,930 - 5,890,750*



Cross Section of Competitors Tanks



Cross Section of the Seamless Tank



### Meter with Elbows and Bypass Valve

The optional elbows make it possible to fit the softener into tight spaces.



### Simple Cartridge Replacement

Allows fast valve rebuilding, which provides continued service for years.

# MacCLEAN<sup>®</sup> HIGH EFFICIENCY WATER SOFTENER



## Full Flow Bypass

This easy to use valve allows you to manually bypass the system for yard and garden watering (optional on some units). *Patent Pending*

## Vacuum Breaker

Protects your home from the damage that can result from implosion - the most common cause of resin tank failure (optional). *Patent Pending*

## Self Leveling Base

Compensates for unlevel floors. Unique top tray collects condensation.



## CYCLONE Distributor

This patented device not only turns the resin bed over, but also spins the resin like an agitator in a washing machine to scrub the resin clean. (U.S. Patent Number 5,951,855)

## Dual Safety Brine Valve

Prevents overflow of brine tank during power outages.

## Hefty Salt Storage Tank

Made of rugged polyethylene with thick wall section. Fits neatly into a corner and provides abundant salt storage.

## Exclusive Multilevel Salt Support

Not only allows the use of inexpensive types of salt, but also has a patent pending design that traps dirt and debris away from the brine draw area. Greatly reduces maintenance.



## NSF COMPONENT

The Seamless Resin Tank is tested and certified by NSF International under ANSI / NSF Standard 44 for materials and structural integrity requirements only.

## Safe, Low Voltage

Protects your family and the service technician.



## Quick Release Connectors

Merely push in for fast connection of the brine line.

## Salt Monitor

You'll be reminded when it is time to replenish the salt with a flashing light and hourly beep (optional).

## Specifications

Model Number	Media (Cu. Ft.)	Max. Capacity (Grains)	Flow Rates (gpm)			Space Required W" x D" x H"
			Continuous	Peak	Backwash	
UESM0751	0.75	22,500	3	6	1.2	26 x 16 x 53
UESM1001	1.0	30,000	4	7	1.5	26 x 16 x 53
UESM1501	1.5	45,000	6	8	2.4	26 x 16 x 53
UESM2001	2.0	54,000	7	8.5	2.4	26 x 16 x 63
UESM2501	2.5	60,000	9	10	3.0	28 x 16 x 63
UESLM0751	0.75	22,500	3	6	1.5	16 x 22 x 45
UESLM1001	1.0	30,000	4	7	2.4	16 x 22 x 45

NOTE: To order a unit without a meter, eliminate the "M" in the model number (example: UES0751).

Seamless Tanks and Components are covered by one or more of the following patents:  
 U.S. Patent Numbers 5,584,411 - 5,699,930 - 5,890,750 European Patent Number EP 0779244 B1  
 One Step Valve, Bypass and Salt Platform are Patent Pending

CUNO Water Treatment has a policy of continuous improvements of its products and reserves the right to change materials and specifications without notice.

**CUNO** produces a wide range of products for the medical, pharmaceutical, electronic, industrial, food service and residential markets.

**CUNO** is a world wide leader in water treatment. With factories in six countries and sales offices world wide.



- CUNO Water Treatment Manufacturing
- Other CUNO Manufacturing Facilities
- Sales Offices

CP339M (00-250)

## Space Maker Models



Offers space savings of a "cabinet" style unit with all the cost and maintenance features of the full sized unit.



**MacCLEAN** products are sold and serviced by thousands of plumbers, well drilling contractors and pump installers across North America.



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