



Canature®



**RESIDENTIAL  
HIGH EFFICIENCY  
WATER SOFTENER**



# CAN-SMART

## Water Softener With BNT 85HE

- High-Efficiency Performance
- Save Salt, Water & Money!
- Uses 78% less Salt and 77% less water than conventional water softeners.
- High Efficiency BNT-85HE UP FLOW control valve.
- High-Efficiency Fine Mesh Cation Resin.
- Glaring CS11H 1035/1026 New Cabinet designed by TOP European designer.



Five Years Warranty  
Control Valve



Ten Years Warranty  
Pressure Tank

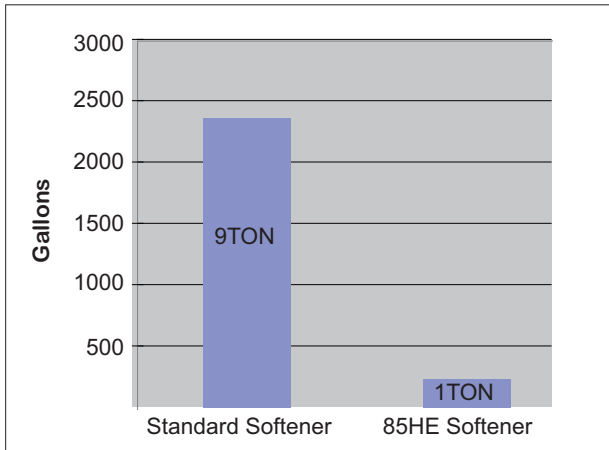
# BNT 85HE CONTROL VALVE

User Friendly High Flow Performance!

The BNT-85HE Control Valve has been engineered for High Efficiency, it includes the standard options that come with every Canature control valves, but many new and innovative features are added to BNT-85HE valve.

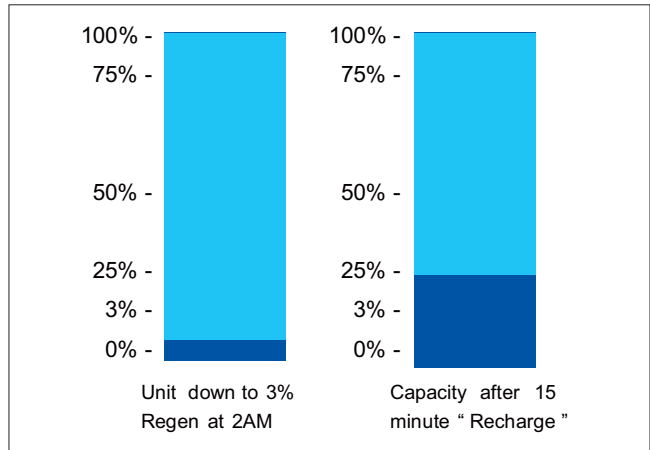
## Features :

- **Reduced back wash water**



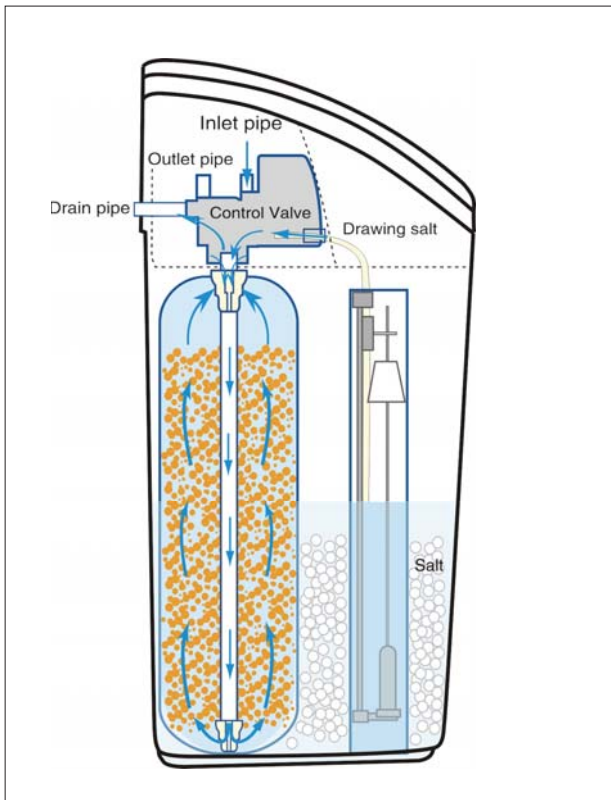
On clean city water supplies (<1 NTU) a back wash is not required every regeneration. As in this example, the 85HE valve can be set to include the back wash cycle once per month.

- **Soft water Recharge mode**



If the 85HE total capacity goes below 3%, it will automatically perform short 15 minute "Recharge" regeneration to restore additional capacity.

- **High Efficiency Precision Up-flow regeneration**



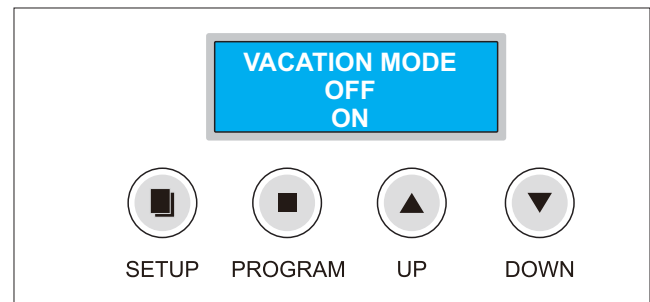
High Quality Soft Water – Very low hardness leakage  
 High Salt Efficiency  
 Low Regeneration Water Usage

- **"No Touch" rotating diagnostic display**



The main page display will always "rotate" these diagnostics. No need to use special codes or commands to find the information.

- **Automatic vacation mode**

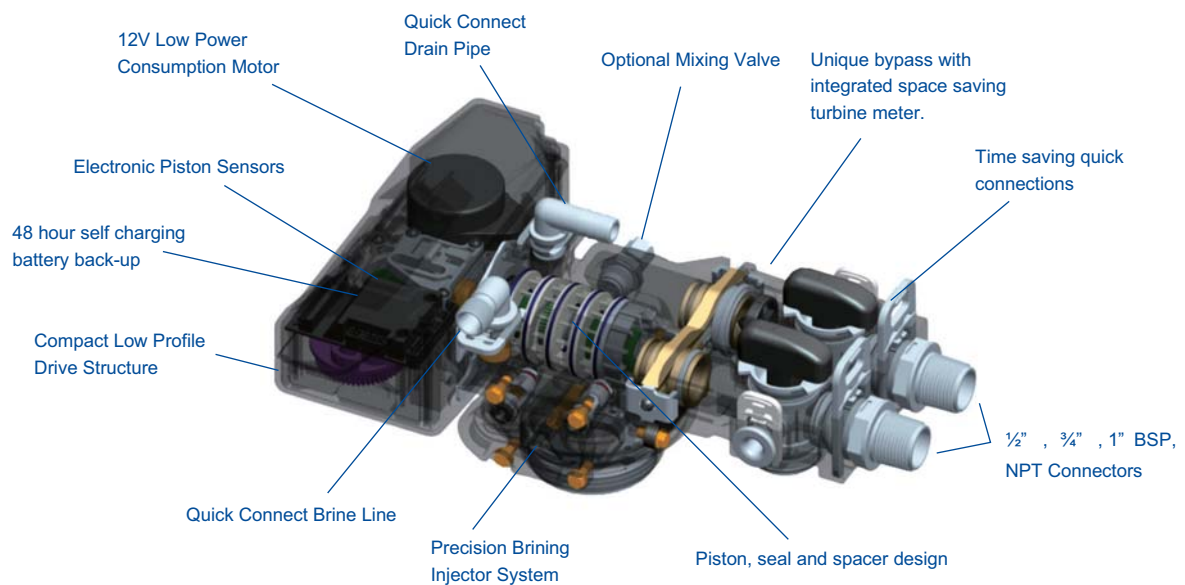


If no water is used for more than 7 days, the 85HE valve will automatically perform a 10 minute back wash and 10 minute rinse to keep the water fresh in the water supply system.

# CAN-SMART Water Softener

## Features

- WQA Gold Seal Certified Water Softener.
- BNT-85HE High-Efficiency UP-FLOW electronic control valve.
- Simple electronics. No confusing codes or symbols.
- NSF certificated Pressure tank and control valve.
- Rotating diagnostic display.
- Adjustable cycles for peak efficiency.
- Use 78% less salt and 77% less water than conventional water softeners.
- High-efficiency fine mesh cation resin.
- Glaring CS11H 1026/1035 new cabinet designed by Top European designer.
- Safety brine valve provides additional overflow protection



## Specifications

Model	BNT-85HE UP FLOW+ CS11 H 1026	BNT-85HE UP FLOW+ CS11 H 1035
Control System	BNT-850HE UP Flow Control Valve	
Maximum Hardness Removal	24,735 grains	36,608 grains
Maximum Efficiency	5052 grains/lbs salt	
Salt Used	2.1 lbs	3.0 lbs
Water Used	25.0 L	34.6 L
System Capacity	10,711 grains	15,156 grains
Resin Volume	20L Fine Mesh resin	28L Fine Mesh resin
Integrated Meter in Bypass	Yes	Yes
Plumbing Connections	1/2", 3/4", 1"	
Flow Rate @15 psi Pressure drop	10.2 gpm	10.0 gpm
Salt Storage Capacity	120 lbs	160 lbs
Electrical Requirements	220V/110V, 50Hz/60Hz	
Working Temperature	1-42 °C	
Working Pressure	0.15-0.30MPa	



# CAN-SMART WATER SOFTENER

## Efficiency Comparison :

The Can-Smart Water Softener versus a competitive High Efficiency Softener in the market.



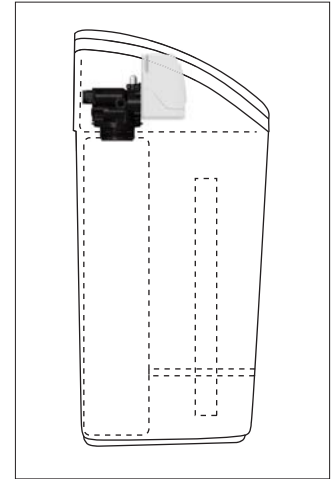
85HE UP FLOW(28L)



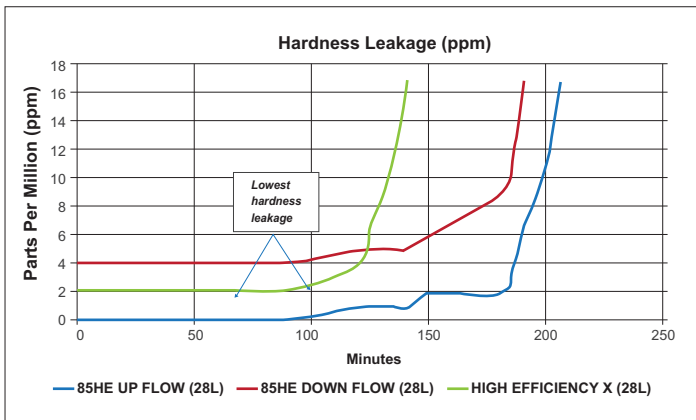
85HE DOWN FLOW(28L)



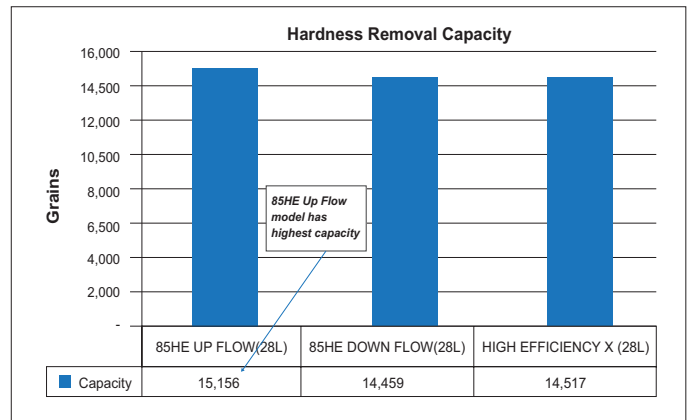
HIGH EFFICIENCY X (28L)



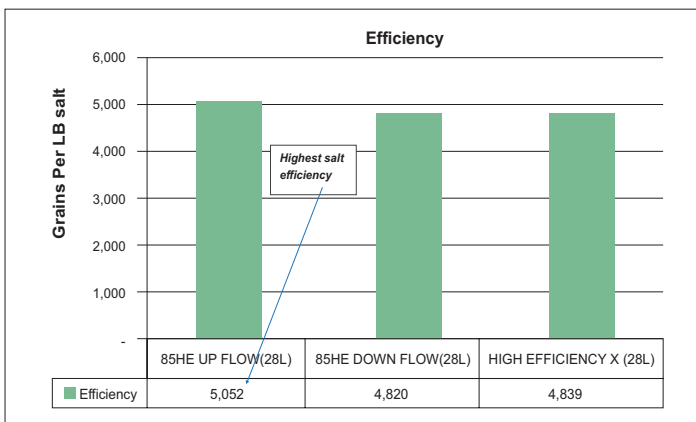
### • Low Hardness Leakage



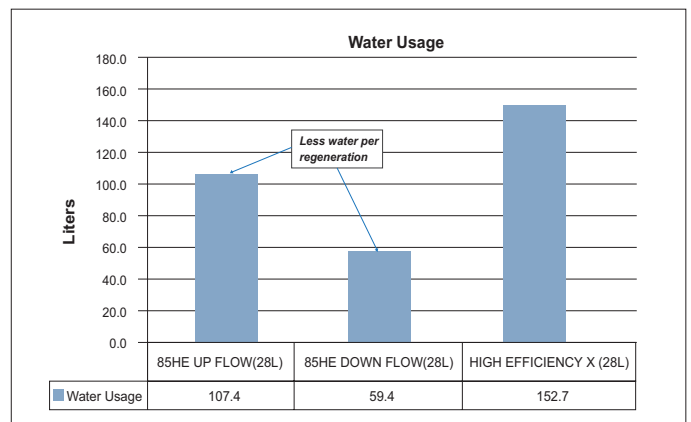
### • Hardness Removal Capacity



### • Salt Efficiency



### • Regeneration Water Usage



The above testing result are base on below condition:

Service flow rate is 4 gpm (15.1 lpm). Water Hardness is 25 gpg (428 ppm). Salt dosage is 3lbs/CF (48g/l).



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