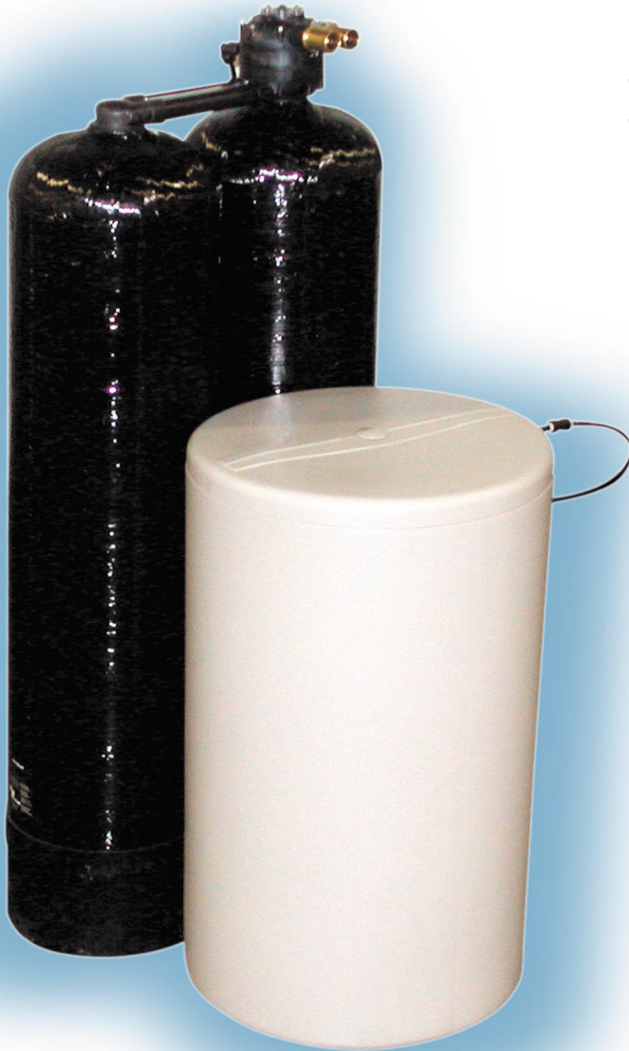


# **BRYAN STEAM**

## **Boiler Feedwater Softener Systems**



**...with the features that assure operating efficiency and reliable performance**

- Twin tank system provides an unlimited supply of clean, soft water that is also used to make brine for regenerations. Soft water regenerations clean resin more efficiently, using less water than regenerations with raw water.
- Non-Electric Kinetico® Control valve eliminates the need to adjust, set, repair or replace timers or computers.
- Countercurrent Regeneration improves water quality by cleaning the system more effectively and efficiently.
- High quality resin maintains long life and high capacity to assure quality water. Utilizes standard manufactured softener salt.
- Corrosion-resistant valve and tanks withstand the harshest environments.
- Modular design allows your system to grow as your water demand increases. Standard models supply from six to 180 gallons (22 to 680 liters) of soft water per minute.

The Bryan boiler feedwater softener uses the Kinetico® non-electric control valve for efficient, low cost operation. The patented control valve is hydraulically driven and eliminates the need for electric power or components. Water pressure runs the system. As water passes through, a metering device counts the number of gallons of water that have been processed. The valve initiates regeneration after the predetermined amount of water has been treated.

The system comes standard with two media tanks. When one tank is exhausted, the other comes on-line to ensure an uninterrupted supply of conditioned water. The exhausted tank regenerates while off-line to provide an unlimited supply of clean, soft water. This configuration uses soft water for the complete regeneration process to substantially improve system efficiency and the product water quality.

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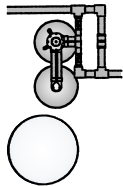
### **Exclusive Non-Electric Control Valve**

*The patented Kinetico® Control Valve is hydraulically driven and eliminates the need to adjust, set, repair or replace timers, computers or electrical components.*

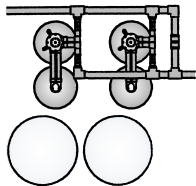


# Bryan Feedwater Softener Systems

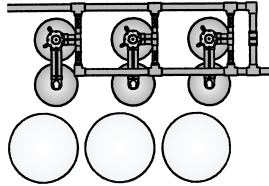
FEED WATER SOFTENER SPECIFICATIONS	
Maximum Hardness (GPG)	30
Media Tank Size — D x H	13" x 54" (33 x 137 cm)
Brine Drum Size — D x H	24" x 40" (61 x 102 cm)
Resin Per Tank	2.25 cu ft. (63.72 liters)
Salt Used per Cycle	15 lbs. (7 kg)
Regeneration Time	90 minutes
Gravel Underbed/Tank	35 lbs. (16 kg)



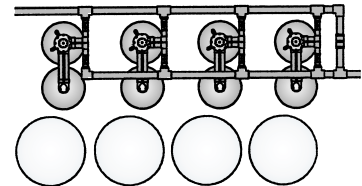
**BKS2000 Series**



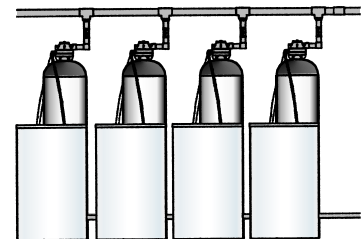
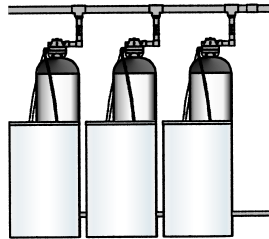
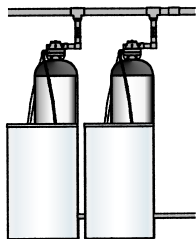
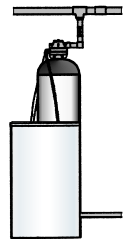
**BKS4000 Series**



**BKS6000 Series**



**BKS8000 Series**



MODULAR SERIES CAPACITIES, DIMENSIONS AND WEIGHTS				
Model Number	BKS2000	BKS4000	BKS6000	BKS8000
System Capacity	58,750 grains	117,500 grains	176,250 grains	235,000 grains
Unit Flow Rate*	18/25 gpm (68/94 lpm)	36/50 gpm (136/189 lpm)	54/75 gpm (204/284 lpm)	72/100 gpm (272/378 lpm)
Total Dimensions, W x D x H inches (cm)	27 x 13 x 60 (69 x 97 x 153)	27 x 46 x 60 (69 x 117 x 153)	27 x 69 x 60 (69 x 76 x 153)	27 x 92 x 60 (69 x 234 x 153)
Quantity of Media Tanks	2	4	6	8
Number of Tanks On-Line	1	2	3	4
Quantity of Brine Tanks	1	2	3	4
Total Brine Tank Capacity, lbs (kg)	450 (204)	900 (408)	1350 (613)	1800 (817)
Operating Weight, lbs (kg)	370 (168)	740 (336)	1110 (504)	1480 (672)

\*Service flow rate is rated at a 15/25 psig (103/172 kpa) pressure drop. Dimensions and specifications are subject to change without notice. Consult factory for certified dimensions.



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