

# Model BKS8000 KINETICO WATER SOFTENER

SOFTENER SHALL REMOVE HARDNESS TO LESS THAN  $\frac{1}{2}$  GRAIN (8.55 ppm) PER GALLON WHEN OPERATED IN ACCORDANCE WITH THE OPERATING INSTRUCTIONS

## BKS8000 DATASHEET COMPONENTS

TANK SIZE	13' IN. x 54' IN.
NUMBER OF TANKS	EIGHT
TANK TYPE	WRAPPED POLYETHYLENE SHELL
TOTAL TANK VOLUME	3.68 FT/SQ
REGENERATION VALVE	NON-ELECTRIC CONTROL VALVE
RESIN TYPE	NON SOLVENT CATION
LOWER DISTRIBUTOR	0.014 SLOT AND ABS BODY
UPPER DIFFUSER	ABS CONSTRUCTION
RISER TUBE	1" ABS PIPE
BACKWASH FLOW CONTROL	INTERNAL, 5 GPM
REGENERATION INITIATION	INTERNAL WATER METER
BRINE TANK COMPOSITION	WRAPPED POLYETHYLENE
BRINE TANK SIZE	24' x 40'
BRINE TANK CAP. (EACH)	500 LBS.
REGENERATION BY-PASS	NONE

## CONNECTIONS

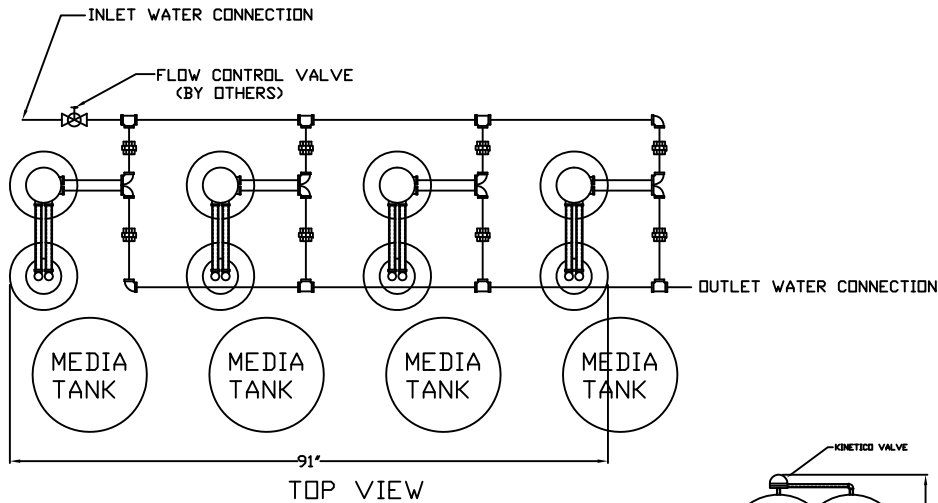
INLET CONNECTION	3" NPT
OUTLET CONNECTION	3" NPT
DRAIN CONNECTION (EACH)	5/8" IN. COMPRESSION TUBE CONNECTION
BRINE CONNECTION (EACH)	3/8" IN. COMPRESSION TUBE CONNECTION
ELECTRIC SERVICE	NONE
REQUIRED CLEARANCE	60"

## FEED

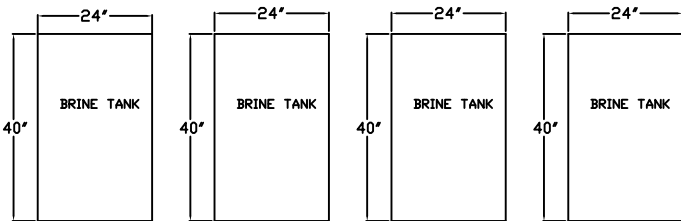
PRESSURE	25-125 PSI
TEMPERATURE	35 - 120 °F
pH	5-10 SU
CHLORINE (MAX.)	< 8.0 mg
HARDNESS (MAX.) OVERDRIVE	40 gpg
HARDNESS (MAX.) ALTERNATING	51 gpg

## SPECIFICATIONS

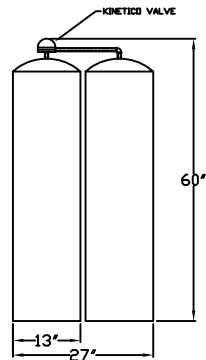
	6 lbs. /sq. ft.
SYSTEM CAPACITY	240,000 gr.
SALT/REGEN	15 lbs.
RESIN VOLUME PER TANK UNDERBED	2.50 sq. ft.
	24 lbs., 1/4 x 1/8 Gravel
FLOW RATE-OVERDRIVE	112-160 gpm
FLOW RATE-ALTERNATING	80-120 gpm
WIDTH x DEPTH x HEIGHT	27 in. x 91 in. x 60 in.
OPERATING WEIGHT	1800 lbs.



TOP VIEW



FRONT VIEW



MEDIA TANK

RIGHTSIDE VIEW

BRYAN NUMBER: \_\_\_\_\_

MODEL: BKS8000

AGENT: \_\_\_\_\_

(1 GRAIN = 17.1 PPM)  
(1 GRAIN = .015432 mg)

<b>B BRYAN STEAM</b>				
783 NORTH CHILI AVE PERU, INDIANA 46970				
DWG TITLE		WATER SOFTENERS		
		FOR MAKE-UP WATER FOR BOILERS		
		EIGHT TANK ALTERNATING DESIGN		
		FORM # A50883		
REVISION NO.	EFFECTIVE DATE	SCALE	BSNO	DWG. NO.
1	7/21/16	NONE	FS	A50883