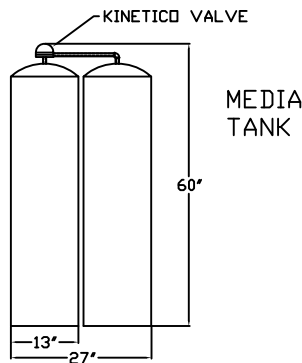
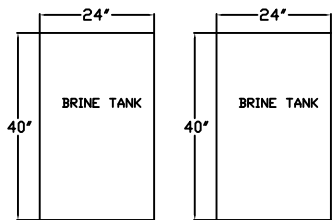
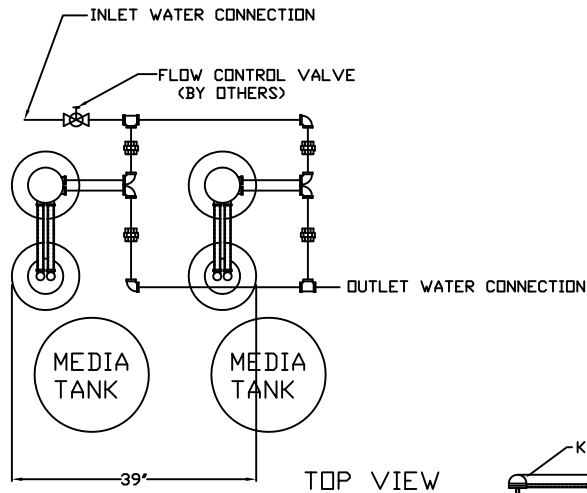


Model BKS4000 KINETICO WATER SOFTENER

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



BKS4000 DATASHEET COMPONENTS

TANK SIZE	13' IN. x 54' IN.
NUMBER OF TANKS	FOUR
TANK TYPE	WRAPPED POLYETHYLENE SHELL
TOTAL TANK VOLUME	7.36 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	2-1/2" NPT
OUTLET CONNECTION	2-1/2" 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.)	< 2.0 mg
HARDNESS (MAX.) OVERDRIVE	40 gpg
HARDNESS (MAX.) ALTERNATING	51 gpg

SPECIFICATIONS

	6 lbs. /sq. ft. dosing
SYSTEM CAPACITY	120,000 gr.
SALT/REGEN	15 lbs.
RESIN VOLUME PER TANK UNDERBED	2.50 cu. ft.
FLOW RATE-OVERDRIVE	24 lbs., 1/4 x 1/8 Gravel
FLOW RATE-ALTERNATING	56-80 gpm
WIDTH x DEPTH x HEIGHT	40-60 gpm
OPERATING WEIGHT	27 in. x 39 in. x 60 in.
	900 lbs.

BRYAN NUMBER: _____

MODEL: BKS4000

AGENT: _____

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

B BRYAN STEAM				
783 NORTH CHILI AVE PERU, INDIANA 46970				
DWG TITLE: WATER SOFTENERS FOR MAKE-UP WATER FOR BOILERS FOUR TANK ALTERNATING DESIGN FORM # A50881				
REVISION NO.	EFFECTIVE DATE	SCALE	DSNO	DWG NO.
1	7/20/16	NONE	FS	A50881

FRONT VIEW RIGHTSIDE VIEW