



Model	Softener Tank	Brine Tank	Approx. Space Required		
	Diag. x Ht. Inches (mm)	Diag. x Ht. Inches (mm)	Height	Depth	Width
85TA-23	8 x 44 (203 x 1118)	18.1 x 34.5 (460 x 876)	48 (1219)	16 (406)	22 (559)
85TA-30	9 x 48 (229 x 1219)	18.1 x 34.5 (460 x 876)	58 (1473)	16 (406)	23 (584)
85TA-45	10 x 54 (254 x 1372)	18.1 x 34.5 (460 x 876)	64 (1626)	16 (406)	24 (610)
85TA-60	12 x 52 (305 x 1321)	20.3 x 40.5 (516 x 950)	62 (1575)	16 (406)	26 (660)
85TA-90	14 x 65 (356 x 1651)	23 x 40.5 (584 x 1029)	75 (1905)	16 (406)	28 (711)

SPECIFICATIONS			
MODEL NO.:	85TA-23		
MAX. SYSTEM PRESSURE:	125 P.S.I.	862 KPa	
RESIN VOLUME:	0.77 FT. <sup>3</sup>	0.021 M <sup>3</sup>	
SALT PER REGENERATION:	7.5 LBS.	3.41 KG.	
EXCHANGE CAPACITY:	20 KILOGRAMS @ 10 lb salt		
FLOW RATES:	CRITICAL APPLICATION 3.75 U.S.G.P.M. 0.24 L.P.S.		
PER UNIT :	15 PSI DROP	10.4 U.S.G.P.M.	0.66 L.P.S.
	25 PSI DROP	14.3 U.S.G.P.M.	0.9 L.P.S.
MAX. FLOW TO DRAIN:	1.5 U.S.G.P.M.	0.09 L.P.S.	
MAX. TEMPERATURE:	100 F	38 C	

- NOTES:**
- SINGLE SOFTENER, METER INITIATED.
  - SOFTENER EQUIPPED WITH 85TA SERIES ELECTRONIC CONTROL VALVE WITH METER
  - PIPING MANIFOLD CAN BE CONFIGURED IN UPRIGHT POSITION (OPPOSITE OF POSITION SHOWN IN FRONT VIEW)
  - MINERAL TANKS ARE NSF/ANSI 44 CERTIFIED FOR MATERIALS AND STRUCTURAL INTEGRITY.
  - UNIT MAX. PRESSURE 125 PSI, (860 KPa), MAX. TEMP 100 F (38 C)
  - RAW WATER UPFLOW REGENERATION
  - ALL EXTERNAL PIPING, FITTINGS, VALVING SUPPLIED BY OTHERS
  - DUE TO SLIGHT EXPANSION AND CONTRACTION OF MINERAL TANK, PIPING MUST BE DESIGNED TO ALLOW SOME MOVEMENT. FLEX CONNECTORS MAY BE REQUIRED.
  - INSTALLATION OF A VACUUM BREAKER RECOMMENDED
  - 115 VOLT POWER SUPPLY STANDARD.

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**85TA SERIES DUPLEX WATER SOFTENER**  
**1" VALVE - SYSTEM 7 TWIN ALTERNATING**

PROJECT _____	DATE 3/1/16	REV _____
_____	DWG# 85TA	1