

# Tech-EE Setup Sheet – Softener System

Model	
Unit No.	
Job	
Software Revision	520.1

## Configuration Settings (Pages 6 – 10)

Enter Settings, Step 1-CF		Press <b>NEXT &amp; ▼</b> for 5 seconds and release, then Press <b>NEXT &amp; ▼</b> again for 5 seconds and release
Set Valve Type, Step 2-CF		1.0, 1.0T, 1.25, 1.5, 2.0
Set Meter Size, Step 3-CF		1.5, 2.0, 3.0, 1.0r, PUL (For 1.5 and 2.0 only)
Set Variable Meter Pulses, Step 3-CF		0.1 – 150.0 Pulses Per Gallon (For PUL only)
Set dP, Step 4-CF		oFF, on 0, dEL, HoLd
Set Control Valve Operation, Step 5-CF		nHbP, SEPS, SYS, ALT A, ALT b, oFF
Set Delayed Rinse and Fill, Step 5-CF		oFF, on (For 1.0 – 1.5 with ALT A or ALT b only)
Set Special Rinse Duration, Step 5-CF		oFF, 1 – 95 Minutes (For 2.0 with ALT A or ALT b only)
Set Fill Units, Step 6-CF		LBS, MIN (For 1.5 only)

## Softener System Setup Settings (Page 11– 13)

Enter Settings, Step 1-SS		Press <b>NEXT &amp; ▼</b> for 5 seconds and release
Set Softening Operation, Step 2-SS		SOFTENING
Set Brining Direction, Step 3-SS		dn, UP
Set Refill Location, Step 4-SS		PoST, PrE
Set Backwash, Step 5-SS		1 – 120 Minutes (See Note 1 below)
Set Draw, Step 6-SS		1 – 180 Minutes (See Note 1 below)
Set 2nd Backwash, Step 7-SS		1 – 120 Minutes (See Note 1 below)
Set Rinse, Step 8-SS		1 – 120 Minutes (See Note 1 below)
Set Fill, Step 9-SS		0.1 – 200 Lbs, 0.1 – 99 Minutes (See Note 1 below)
Set System Capacity, Step 10-SS		x 1000
Set Volume Capacity, Step 11-SS		AUTo, oFF, 20 – 1,500,000 Gallons
Set Regeneration Time, Step 12-SS		NORMAL, on 0, NORMAL + on 0
Set Relay Operation, Step 13-SS		Time, Gallons, Gallons Regen, Error, oFF
Set Relay Actuation, Step 14-SS		1 Second – 200 Minutes, 1 – 200 Gallons
Set Relay Deactivation, Step 15-SS		1 Second – 200 Minutes, 1 Second – 20 Minutes

## Installer Display Settings (Page 17)

Enter Settings, Step 1-NA		Press <b>NEXT &amp; ▲</b> for 5 seconds and release
Set Hardness, Step 2-NA		
Set Day Override, Step 3-NA		1 – 28, oFF
Set Regeneration Time, Step 4-NA & 5-NA		Hour & Minutes

**Notes:** 1. For 1.5 and 2.0 Valves, “oFF” is also available.

# Tech-EE Setup Sheet – Filter System

Model	
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Software Revision	520.1

## Configuration Settings (Pages 6 – 10)

Enter Settings, Step 1-CF		Press <b>NEXT &amp; ▼</b> for 5 seconds and release, then Press <b>NEXT &amp; ▼</b> again for 5 seconds and release
Set Valve Type, Step 2-CF	<input type="text"/>	1.0, 1.0T, 1.25, 1.5, 2.0
Set Meter Size, Step 3-CF	<input type="text"/>	1.5, 2.0, 3.0, 1.0r, PUL ( <i>For 1.5 and 2.0 only</i> )
Set Variable Meter Pulses, Step 3-CF	<input type="text"/>	0.1 – 150.0 Pulses Per Gallon ( <i>For PUL only</i> )
Set dP, Step 4-CF	<input type="text"/>	oFF, on 0, dEL, HoLd
Set Control Valve Operation, Step 5-CF	<input type="text"/>	nHbP, SEPS, SYS, ALT A, ALT b, oFF
Set Delayed Rinse and Fill, Step 5-CF	<input type="text"/>	oFF, on ( <i>For 1.0 – 1.5 with ALT A or ALT b only</i> )
Set Special Rinse Duration, Step 5-CF	<input type="text"/>	oFF, 1 – 95 Minutes ( <i>For 2.0 with ALT A or ALT b only</i> )

## Filter System Setup Settings (Page 15– 16)

Enter Settings, Step 1-FS		Press <b>NEXT &amp; ▼</b> for 5 seconds and release
Set Filtering Operation, Step 2-FS	<input type="text"/>	FILTERING BACKWASH, FILTERING REGEN
Set Backwash, Step 3-FS	<input type="text"/>	1 – 120 Minutes
Set Draw, Step 4-FS	<input type="text"/>	1 – 180 Minutes ( <i>For FILTERING REGEN only</i> )
Set 2nd Backwash, Step 4-FS	<input type="text"/>	1 – 120 Minutes ( <i>For FILTERING REGEN only</i> )
Set Rinse, Step 4-FS	<input type="text"/>	1 – 120 Minutes
Set Fill, Step 4-FS	<input type="text"/>	1 – 99 Gallons ( <i>For FILTERING REGEN only</i> )
Set Volume Capacity, Step 5-FS	<input type="text"/>	oFF, 20 – 1,500,000 Gallons
Set Regeneration Time, Step 6-FS	<input type="text"/>	NORMAL, on 0, NORMAL + on 0
Set Relay Operation, Step 7-FS	<input type="text"/>	Time, Gallons, Gallons Regen, Error, oFF
Set Relay Actuation, Step 8-FS	<input type="text"/>	1 Second – 200 Minutes, 1 – 200 Gallons
Set Relay Deactivation, Step 9-FS	<input type="text"/>	1 Second – 200 Minutes, 1 Second – 20 Minutes

## Installer Display Settings (Page 17)

Enter Settings, Step 1-NA		Press <b>NEXT &amp; ▲</b> for 5 seconds and release
Set Day Override, Step 3-NA	<input type="text"/>	1 – 28, oFF
Set Regeneration Time, Step 4-NA & 5-NA	<input type="text"/>	Hour & Minutes