



Softeners

Envirogen softeners are used to “soften” hard water. Hard Water contains dissolved minerals in the form of Calcium (Ca), Magnesium (Mg), and Iron (Fe). Removal of these minerals is accomplished by softening the water through an ion exchange process.

As the water flows through the mineral tank, the dissolved minerals become attached to the resin, creating soft water. Over a period of time the resin will become exhausted, and the softener will regenerate the resin using a brine solution produced from the salt in the brine tank.

Features and Benefits

- Wide range of commercial, and industrial grade softeners
- Single, Twin Alternating, Duplex, Triplex and Quad configurations
- Electronic valves for ease of control
- Regenerate based on time or flow
- Flow range from 4 to 900 GPM
- FRP or carbon steel softener tanks and polyethylene brine tanks
- Counter-flow models available when highest performance is required
- Provides Excellent Scale Prevention Pretreatment for Reverse Osmosis Systems and prolongs life of downstream equipment



Product Range at a Glance

| Envirogen Softener | Flow Range (GPM) | Hardness Capacity Range (Grains) | Backwash Flow Rate (GPM) | Control Type | Softener Tank Material | Single or Multi Softener Tanks |
|--------------------|-------------------------------|----------------------------------|--------------------------|---|--------------------------|----------------------------------|
| EWS 2850 | 4-63 | 60,000 - 300,000 | 15-Apr | Fleck 2850 SXT or NXT, 1.5" | FRP | Single |
| EWS 9500 | 4-63 | 60,000 - 300,000 | 3.5-15 | Fleck 9500, 1.5" | FRP | Twin Alternating |
| EWS 2900 | 5-105 | 90,000 - 600,000 | May-35 | Fleck 2900, 2" | FRP | Single or Twin Alternating |
| EWS 3900 | 35-230 | 600,000-1,050,000 | 35-60 | Fleck 3900, 3" | FRP | Single or Twin Alternating |
| EWS SM2900 | 12-400 | 210,000-600,000 | Dec-35 | Fleck 2900 NXT, 2" | FRP | Twin alternating or 2-4 parallel |
| EWS SM3900 | 35-900 | 600,000-1,050,000 | 35-60 | Fleck 3900, 3" | FRP | Twin alternating or 2-4 parallel |
| EWS HF | 12-230 per tank (times 2,3,4) | 210,000-1,050,000 | Dec-60 | Fleck 2900 (2") or 3900 (3") NXT metered | FRP | Duplex, Triplex, or Quad |
| EWS STEEL | 11-230 | 300,000-1,200,000 | 15-60 | Fleck 2900 (2"), 3150 (2") or 3900 (3") NXT metered | Epoxy lined carbon steel | Single or twin alternating |

Ordering Information

EWS 2850 Series Water Softeners with Fleck 2850 Control Valves

| MODEL NO. | MAX CAPACITY | PIPE | SOFTENER TANK | | BRINE TANK | | FLOW RATE & PRESSURE | | | SHIP WT. |
|--|-----------------|------------|---------------|-----------------------|------------|-----------------|----------------------|------------|----------------|----------|
| | GRAINS HARDNESS | SIZE (IN.) | SIZE INXIN | RESIN FT ³ | SIZE INXIN | SALT FILL (LBS) | SERVICE (GPM) | DROP (PSI) | BACKWASH (GPM) | (LBS) |
| With 2850 Digital SXT Time Clock Control Valves | | | | | | | | | | |
| E4210SE | 60,000 | 1 1/2 | 12x52 | 2 | 18x40 | 400 | 15-20 | 15-25 | 4 | 210 |
| E4214SE | 90,000 | 1 1/2 | 14x65 | 3 | 18x40 | 400 | 17-22 | 15-25 | 5 | 240 |
| E4218SE | 120,000 | 1 1/2 | 16x65 | 4 | 18x40 | 400 | 25-40 | 15-25 | 7 | 320 |
| E4222SE | 150,000 | 1 1/2 | 18x65 | 5 | 24x41 | 600 | 30-50 | 15-25 | 11 | 380 |
| E4226SE | 210,000 | 1 1/2 | 21x62 | 7 | 24x50 | 800 | 35-53 | 15-25 | 13 | 585 |
| E4230SE | 300,000 | 1 1/2 | 24x72 | 10 | 30x50 | 1200 | 40-55 | 15-25 | 15 | 710 |
| With 2850 Digital SXT Metered Control Valves | | | | | | | | | | |
| E4210BSE | 60,000 | 1 1/2 | 12x52 | 2 | 18x40 | 400 | 15-20 | 15-25 | 4 | 210 |
| E4214BSE | 90,000 | 1 1/2 | 14x65 | 3 | 18x40 | 400 | 17-22 | 15-25 | 5 | 240 |
| E4218BSE | 120,000 | 1 1/2 | 16x65 | 4 | 18x40 | 400 | 25-40 | 15-25 | 7 | 320 |
| E4222BSE | 150,000 | 1 1/2 | 18x65 | 5 | 24x41 | 600 | 30-50 | 15-25 | 11 | 380 |
| E4226BSE | 210,000 | 1 1/2 | 21x62 | 7 | 24x50 | 800 | 35-53 | 15-25 | 13 | 585 |
| E4230BSE | 300,000 | 1 1/2 | 24x72 | 10 | 30x50 | 1200 | 40-55 | 15-25 | 15 | 710 |
| With 2850 NXT Metered Control Valves | | | | | | | | | | |
| E4210B-285NT | 60,000 | 1 1/2 | 12x52 | 2 | 18x40 | 400 | 15-20 | 15-25 | 4 | 210 |
| E4214B-285NT | 90,000 | 1 1/2 | 14x65 | 3 | 18x40 | 400 | 17-22 | 15-25 | 5 | 240 |
| E4218B-285NT | 120,000 | 1 1/2 | 16x65 | 4 | 18x40 | 400 | 25-40 | 15-25 | 7 | 320 |
| E4222B-285NT | 150,000 | 1 1/2 | 18x65 | 5 | 24x41 | 600 | 30-50 | 15-25 | 11 | 380 |
| E4226B-285NT | 210,000 | 1 1/2 | 21x62 | 7 | 24x50 | 800 | 35-53 | 15-25 | 13 | 585 |
| E4230B-285NT | 300,000 | 1 1/2 | 24x72 | 10 | 30x50 | 1200 | 40-55 | 15-25 | 15 | 710 |

EWS 9500 Series Twin Tank Water Softeners with Fleck 9500 Control Valves

| MODEL NO. | MAX CAPACITY | PIPE | SOFTENER TANK | | BRINE TANK | | FLOW RATE & PRESSURE | | | SHIP WT. |
|---|-----------------|------------|---------------|-----------------------|------------|-----------------|----------------------|------------|----------------|----------|
| | GRAINS HARDNESS | SIZE (IN.) | SIZE INXIN | RESIN FT ³ | SIZE INXIN | SALT FILL (LBS) | SERVICE (GPM) | DROP (PSI) | BACKWASH (GPM) | (LBS) |
| With 9500 Digital SXT Metered Control Valves | | | | | | | | | | |
| E2218SE | 60,000 | 1 1/2 | 12x52 | 2 | 24x41 | 600 | 15-20 | 15-25 | 3.5 | 270 |
| E2220SE | 90,000 | 1 1/2 | 14x65 | 3 | 24x41 | 600 | 17-22 | 15-25 | 5 | 550 |
| E2222SE | 120,000 | 1 1/2 | 16x65 | 4 | 24x41 | 600 | 25-40 | 15-25 | 7 | 720 |
| E2224SE | 150,000 | 1 1/2 | 18x65 | 5 | 24x41 | 600 | 30-50 | 15-25 | 10 | 900 |
| E2228SE | 210,000 | 1 1/2 | 21x62 | 7 | 24x50 | 800 | 35-53 | 15-25 | 12 | 1215 |
| E2235SE | 300,000 | 1 1/2 | 24x72 | 10 | 30x50 | 1200 | 40-55 | 15-25 | 15 | 1750 |

EWS 2900 Series Water Softeners with Fleck 2900 Control Valves

| MODEL NO. | MAX CAPACITY | PIPE | SOFTENER TANK | | BRINE TANK | | FLOW RATE & PRESSURE | | | SHIP WT. |
|--|-----------------|------------|---------------|-----------------------|------------|-----------------|----------------------|------------|----------------|----------|
| | GRAINS HARDNESS | SIZE (IN.) | SIZE INXIN | RESIN FT ³ | SIZE INXIN | SALT FILL (LBS) | SERVICE (GPM) | DROP (PSI) | BACKWASH (GPM) | (LBS) |
| With Fleck 2900 Time Clock Valves | | | | | | | | | | |
| E4043-29NT | 90,000 | 2 | 14x65 | 3 | 18x40 | 400 | 25-40 | 15-25 | 5 | 350 |
| E4047-29NT | 120,000 | 2 | 16x65 | 4 | 18x40 | 400 | 35-55 | 15-25 | 7 | 350 |
| E4048-29NT | 150,000 | 2 | 18x65 | 5 | 24x41 | 600 | 57-65 | 15-25 | 10 | 400 |
| E4052-29NT | 210,000 | 2 | 21x62 | 7 | 24x50 | 800 | 60-77 | 15-25 | 13 | 600 |
| E4058-29NT | 300,000 | 2 | 24x72 | 10 | 30x50 | 1200 | 74-97 | 15-25 | 15 | 710 |
| E4059-29NT | 450,000 | 2 | 30x72 | 15 | 39x48 | 2200 | 80-100 | 15-25 | 25 | 1160 |
| E4060-29NT | 600,000 | 2 | 36x72 | 20 | 39x60 | 2700 | 84-105 | 15-25 | 35 | 1560 |
| With Fleck 2900 NXT Metered Control Valves | | | | | | | | | | |
| E4043B-29NT | 90,000 | 2 | 14x65 | 3 | 18x40 | 400 | 25-40 | 15-25 | 5 | 350 |
| E4047B-29NT | 120,000 | 2 | 16x65 | 4 | 18x40 | 400 | 35-55 | 15-25 | 7 | 350 |
| E4048B-29NT | 150,000 | 2 | 18x65 | 5 | 24x41 | 600 | 57-65 | 15-25 | 10 | 400 |
| E4052B-29NT | 210,000 | 2 | 21x62 | 7 | 24x50 | 800 | 60-77 | 15-25 | 13 | 600 |
| E4058B-29NT | 300,000 | 2 | 24x72 | 10 | 30x50 | 1200 | 74-97 | 15-25 | 15 | 710 |
| E4059B-29NT | 450,000 | 2 | 30x72 | 15 | 39x48 | 2200 | 80-100 | 15-25 | 25 | 1160 |
| E4060B-29NT | 600,000 | 2 | 36x72 | 20 | 39x60 | 2700 | 84-105 | 15-25 | 35 | 1560 |
| Twin Alternating with Fleck 2900 NXT Metered Control Valves | | | | | | | | | | |
| E4043TA-29NT | 90,000 | 2 | 14x65 | 3 | 18x40 | 400 | 25-40 | 15-25 | 5 | 450 |
| E4047TA-29NT | 120,000 | 2 | 16x65 | 4 | 18x40 | 400 | 35-55 | 15-25 | 7 | 500 |
| E4048TA-29NT | 150,000 | 2 | 18x65 | 5 | 24x41 | 600 | 57-65 | 15-25 | 10 | 800 |
| E4052TA-29NT | 210,000 | 2 | 21x62 | 7 | 24x50 | 800 | 60-77 | 15-25 | 13 | 1200 |
| E4058TA-29NT | 300,000 | 2 | 24x72 | 10 | 30x48 | 1200 | 74-97 | 15-25 | 15 | 1400 |
| E4059TA-29NT | 450,000 | 2 | 30x72 | 15 | 39x48 | 2200 | 80-100 | 15-25 | 25 | 2200 |
| E4060TA-29NT | 600,000 | 2 | 36x72 | 20 | 39x60 | 2700 | 84-105 | 15-25 | 35 | 3000 |

EWS 3900Series Water Softeners with Fleck 3900 Control Valves

| MODEL NO. | MAX CAPACITY | PIPE | SOFTENER TANK | | BRINE TANK | | FLOW RATE & PRESSURE | | | SHIP WT. (LBS) |
|-----------|--------------|------|---------------|-----------|------------|-----------------|----------------------|------------|----------------|----------------|
| | | | SIZE INXIN | RESIN FT3 | SIZE INXIN | SALT FILL (LBS) | SERVICE (GPM) | DROP (PSI) | BACKWASH (GPM) | |

With Fleck 3900 Time Clock Control Valves

| | | | | | | | | | | |
|------------|-----------|---|-------|----|-------|------|---------|-------|----|------|
| E4110-39NT | 300,000 | 3 | 24x72 | 10 | 30x50 | 1200 | 120-170 | 15-25 | 15 | 1070 |
| E4112-39NT | 450,000 | 3 | 30x72 | 15 | 39x48 | 2200 | 158-212 | 15-25 | 25 | 1600 |
| E4114-39NT | 600,000 | 3 | 36x72 | 20 | 39x60 | 2700 | 185-250 | 15-25 | 35 | 2015 |
| E4116-39NT | 900,000 | 3 | 42x72 | 30 | 42x60 | 3100 | 200-268 | 15-25 | 50 | 3245 |
| E4118-39NT | 1,050,000 | 3 | 48x72 | 35 | 50x60 | 4500 | 213-280 | 15-25 | 60 | 4295 |

With Fleck 3900 NXT Metered Control Valves and Strap On Flow Sensor

| | | | | | | | | | | |
|-------------|-----------|---|-------|----|-------|------|---------|-------|----|------|
| E4110B-39NT | 300,000 | 3 | 24x72 | 10 | 30x50 | 1200 | 120-170 | 15-25 | 15 | 1070 |
| E4112B-39NT | 450,000 | 3 | 30x72 | 15 | 39x48 | 2200 | 158-212 | 15-25 | 25 | 1600 |
| E4114B-39NT | 600,000 | 3 | 36x72 | 20 | 39x60 | 2700 | 185-250 | 15-25 | 35 | 2015 |
| E4116B-39NT | 900,000 | 3 | 42x72 | 30 | 42x60 | 3100 | 200-268 | 15-25 | 50 | 3245 |
| E4118B-39NT | 1,050,000 | 3 | 48x72 | 35 | 50x60 | 4500 | 213-280 | 15-25 | 60 | 4295 |

Twin Alternating with Fleck 3900 NXT Metered Control Valves and Strap On Flow Sensor

| | | | | | | | | | | |
|--------------|-----------|---|-------|----|-------|------|---------|-------|----|------|
| E4110TA-39NT | 300,000 | 3 | 24x72 | 10 | 30x50 | 1200 | 120-170 | 15-25 | 15 | 2070 |
| E4112TA-39NT | 450,000 | 3 | 30x72 | 15 | 39x48 | 2200 | 158-212 | 15-25 | 25 | 3000 |
| E4114TA-39NT | 600,000 | 3 | 36x72 | 20 | 39x60 | 2700 | 185-250 | 15-25 | 35 | 4015 |
| E4116TA-39NT | 900,000 | 3 | 42x72 | 30 | 42x60 | 3100 | 200-268 | 15-25 | 50 | 6245 |
| E4118TA-39NT | 1,050,000 | 3 | 48x72 | 35 | 50x60 | 4500 | 213-280 | 15-25 | 60 | 8295 |

EWS SM2900Series Pre-Plumbed & Skid Mounted Water Softeners with Fleck 2900 Metered Control Valves

| MODEL NO. | MAX CAPACITY PER TANK | MAIN HEADERS - DRAIN PIPE | NO. OF TANKS - METERS | SOFTENER TANK | | BRINE TANK | | FLOW RATE & PRESSURE | | | FLOOR SPACE* D X W X H | SHIP WT. (LBS) |
|-----------|-----------------------|---------------------------|-----------------------|---------------|--------------------|------------|-----------------|----------------------|------------|----------------|------------------------|----------------|
| | | | | SIZE INXIN | RESIN FT3 PER TANK | SIZE INXIN | SALT FILL (LBS) | SERVICE (GPM) | DROP (PSI) | BACKWASH (GPM) | | |

With Fleck 2900 NXT Metered Control Valves

| | | | | | | | | | | | | |
|--------------|---------|---------|-----|---------|----|---------|------|---------|-------|----|-------------------|------|
| E4052TA-PPSM | 210,000 | 2-1 | 2-1 | 21"x62" | 7 | 1-24x50 | 800 | 60-77 | 15-25 | 12 | 42" x 82" x 90" | 2100 |
| E4052TI-PPSM | 210,000 | 3-1 | 2-2 | 21"x62" | 7 | 2-24x50 | 1600 | 120-154 | 15-25 | 12 | 42" x 78" x 90" | 2100 |
| E4052TR-PPSM | 210,000 | 3-1 | 3-3 | 21"x62" | 7 | 3-24x50 | 2400 | 180-231 | 15-25 | 12 | 42" x 114" x 90" | 3050 |
| E4052QD-PPSM | 210,000 | 4-1 | 4-4 | 21"x62" | 7 | 4-24x50 | 3200 | 240-308 | 15-25 | 12 | 42" x 150" x 90" | 3850 |
| E4058TA-PPSM | 300,000 | 2-1 | 2-1 | 24"x72" | 10 | 1-30x50 | 1200 | 74-97 | 15-25 | 15 | 42" x 82" x 95" | 2200 |
| E4058TI-PPSM | 300,000 | 3-1 | 2-2 | 24"x72" | 10 | 2-30x50 | 2400 | 148-194 | 15-25 | 15 | 42" x 78" x 95" | 2320 |
| E4058TR-PPSM | 300,000 | 4-1 | 3-3 | 24"x72" | 10 | 3-30x50 | 3600 | 222-291 | 15-25 | 15 | 42" x 114" x 95" | 3380 |
| E4058QD-PPSM | 300,000 | 4-1 | 4-4 | 24"x72" | 10 | 4-30x50 | 4800 | 296-388 | 15-25 | 15 | 42" x 150" x 95" | 4290 |
| E4059TA-PPSM | 450,000 | 2-1 | 2-1 | 30"x72" | 15 | 1-39x48 | 2200 | 80-100 | 15-25 | 25 | 48" x 102" x 100" | 3450 |
| E4059TI-PPSM | 450,000 | 3-1 | 2-2 | 30"x72" | 15 | 2-39x48 | 4400 | 160-200 | 15-25 | 25 | 48" x 91" x 100" | 3520 |
| E4059TR-PPSM | 450,000 | 4-1 | 3-3 | 30"x72" | 15 | 3-39x48 | 6600 | 240-300 | 15-25 | 25 | 48" x 114" x 100" | 4780 |
| E4059QD-PPSM | 450,000 | 4-1 | 4-4 | 30"x72" | 15 | 4-39x48 | 8800 | 320-400 | 15-25 | 25 | 48" x 150" x 100" | 6090 |
| E4060TA-PPSM | 600,000 | 2-1 1/2 | 2-1 | 36"x72" | 20 | 1-39x60 | 2200 | 84-105 | 15-25 | 35 | 48" x 102" x 100" | 4250 |
| E4060TI-PPSM | 600,000 | 3-1 1/2 | 2-2 | 36"x72" | 20 | 2-39x60 | 4400 | 168-210 | 15-25 | 35 | 48" x 91" x 100" | 4320 |
| E4060TR-PPSM | 600,000 | 4-1 1/2 | 3-3 | 36"x72" | 20 | 3-39x60 | 6600 | 252-315 | 15-25 | 35 | 48" x 114" x 100" | 5980 |
| E4060QD-PPSM | 600,000 | 4-1 1/2 | 4-4 | 36"x72" | 20 | 4-39x60 | 8800 | 336-420 | 15-25 | 35 | 48" x 150" x 100" | 7690 |

EWS SM3900Series Pre-Plumbed & Skid Mounted Water Softeners with Fleck 3900 Metered Control Valves

| MODEL NO. | MAX CAPACITY PER TANK | MAIN HEADERS - DRAIN PIPE | NO. OF TANKS - METERS | SOFTENER TANK | | BRINE TANK | | FLOW RATE & PRESSURE | | | FLOOR SPACE* D X W X H | SHIP WT. (LBS) |
|-----------|-----------------------|---------------------------|-----------------------|---------------|--------------------|------------|-----------------|----------------------|------------|----------------|------------------------|----------------|
| | | | | SIZE INXIN | RESIN FT3 PER TANK | SIZE INXIN | SALT FILL (LBS) | SERVICE (GPM) | DROP (PSI) | BACKWASH (GPM) | | |

With Fleck 3900 NXT Metered Control Valves

| | | | | | | | | | | | | |
|--------------|-----------|---------|-----|---------|----|---------|-------|----------|-------|----|-------------------|-------|
| E4110TA-PPSM | 300,000 | 3-1 | 2-1 | 24"x72" | 10 | 1-30x50 | 1200 | 120-170 | 15-25 | 15 | 54" x 110" x 109" | 3300 |
| E4110TI-PPSM | 300,000 | 4-1 | 2-2 | 24"x72" | 10 | 2-30x50 | 2400 | 240-340 | 15-25 | 15 | 54" x 110" x 109" | 3420 |
| E4110TR-PPSM | 300,000 | 4-1 | 3-3 | 24"x72" | 10 | 3-30x50 | 3600 | 360-510 | 15-25 | 15 | 52" x 160" x 109" | 5030 |
| E4110QD-PPSM | 300,000 | 6-1 | 4-4 | 24"x72" | 10 | 4-30x50 | 4800 | 480-680 | 15-25 | 15 | 56" x 205" x 109" | 6770 |
| E4112TA-PPSM | 450,000 | 3-1 1/2 | 2-1 | 30"x72" | 15 | 1-39x48 | 2200 | 158-212 | 15-25 | 25 | 54" x 110" x 112" | 4230 |
| E4112TI-PPSM | 450,000 | 4-1 1/2 | 2-2 | 30"x72" | 15 | 2-39x48 | 4400 | 316-424 | 15-25 | 25 | 54" x 110" x 112" | 4480 |
| E4112TR-PPSM | 450,000 | 6-1 1/2 | 3-3 | 30"x72" | 15 | 3-39x48 | 6600 | 474-636 | 15-25 | 25 | 52" x 160" x 112" | 6620 |
| E4112QD-PPSM | 450,000 | 6-1 1/2 | 4-4 | 30"x72" | 15 | 4-39x48 | 8800 | 632-848 | 15-25 | 25 | 56" x 205" x 112" | 8890 |
| E4114TA-PPSM | 600,000 | 3-1 1/2 | 2-1 | 36"x72" | 20 | 1-39x60 | 2700 | 185-250 | 15-25 | 35 | 54" x 110" x 115" | 5250 |
| E4114TI-PPSM | 600,000 | 4-1 1/2 | 2-2 | 36"x72" | 20 | 2-39x60 | 5400 | 370-500 | 15-25 | 35 | 54" x 110" x 115" | 5310 |
| E4114TR-PPSM | 600,000 | 6-1 1/2 | 3-3 | 36"x72" | 20 | 3-39x60 | 8100 | 555-750 | 15-25 | 35 | 52" x 160" x 115" | 7860 |
| E4114QD-PPSM | 600,000 | 6-1 1/2 | 4-4 | 36"x72" | 20 | 4-39x60 | 10800 | 740-1000 | 15-25 | 35 | 56" x 205" x 115" | 10550 |
| E4116TA-PPSM | 900,000 | 3-2 | 2-1 | 42"x72" | 30 | 1-42x60 | 3100 | 200-268 | 15-25 | 50 | 66" x 125" x 121" | 7880 |
| E4116TI-PPSM | 900,000 | 4-2 | 2-2 | 42"x72" | 30 | 2-42x60 | 6200 | 400-536 | 15-25 | 50 | 66" x 130" x 121" | 8230 |
| E4116TR-PPSM | 900,000 | 6-2 | 3-3 | 42"x72" | 30 | 3-42x60 | 9300 | 600-804 | 15-25 | 50 | 66" x 185" x 121" | 12230 |
| E4116QD-PPSM | 900,000 | 6-2 | 4-4 | 42"x72" | 30 | 4-42x60 | 12400 | 800-1072 | 15-25 | 50 | 66" x 240" x 121" | 16230 |
| E4118TA-PPSM | 1,050,000 | 3-2 | 2-1 | 48"x72" | 35 | 1-50x60 | 4500 | 213-280 | 15-25 | 60 | 66" x 125" x 121" | 9930 |
| E4118TI-PPSM | 1,050,000 | 6-2 | 2-2 | 48"x72" | 35 | 2-50x60 | 9000 | 426-560 | 15-25 | 60 | 66" x 130" x 121" | 10330 |
| E4118TR-PPSM | 1,050,000 | 6-2 | 3-3 | 48"x72" | 35 | 3-50x60 | 13500 | 639-840 | 15-25 | 60 | 66" x 185" x 121" | 15380 |
| E4118QD-PPSM | 1,050,000 | 6-2 | 4-4 | 48"x72" | 35 | 4-50x60 | 18000 | 852-1120 | 15-25 | 60 | 66" x 240" x 121" | 20430 |

EWS HF Series High Flow, High Capacity Water Softeners with Metered Control Valves and no Hard Water Bypass Pistons

| MODEL NO. | MAX CAPACITY | PIPE | SOFTENER TANK | | | BRINE TANK | | | FLOW RATE & PRESSURE | | | FLOOR SPACE ^a D X W X H | SHIP WT. (LBS) |
|---|--------------|------|--------------------|------------|---------------|------------|---------------|--------------------|----------------------|------------------|-------------------|---------------------------------------|-----------------------|
| | | | GRAINS HARDNESS | SIZE (IN.) | SIZE INXIN | RESIN FT3 | SIZE INXIN | SALT FILL (LBS) | SERVICE (GPM) | DROP (PSI) | BACKWASH (GPM) | | |
| With Fleck 2900 NXT Metered Control Valves | | | | | | | | | | | | | |
| E4052NT-NH | 210,000 | 2 | 21"x62" | 7 | 24X50 | 800 | 60-77 | 15-25 | 12 | 21" x 25" x 81" | 600 | | |
| E4058NT-NH | 300,000 | 2 | 24"x72" | 10 | 30X50 | 1200 | 74-97 | 15-25 | 15 | 24" x 27" x 88" | 710 | | |
| E4059NT-NH | 450,000 | 2 | 30"x72" | 15 | 39X48 | 2200 | 80-100 | 15-25 | 25 | 30" x 30" x 94" | 1160 | | |
| E4060NT-NH | 600,000 | 2 | 36"x72" | 20 | 39X60 | 2200 | 84-105 | 15-25 | 35 | 36" x 36" x 97" | 1560 | | |
| With Fleck 3900 NXT Metered Control Valves | | | | | | | | | | | | | |
| E4110NT-NH | 300,000 | 3 | 24"x72" | 10 | 30X50 | 1200 | 120-170 | 15-25 | 15 | 26" x 38" x 95" | 1095 | | |
| E4112NT-NH | 450,000 | 3 | 30"x72" | 15 | 39X48 | 2200 | 158-212 | 15-25 | 25 | 31" x 41" x 98" | 1625 | | |
| E4114NT-NH | 600,000 | 3 | 36"x72" | 20 | 39X60 | 2700 | 185-250 | 15-25 | 35 | 37" x 44" x 101" | 2040 | | |
| E4116NT-NH | 900,000 | 3 | 42"x72" | 30 | 42X60 | 3100 | 200-268 | 15-25 | 50 | 44" x 47" x 109" | 3270 | | |
| E4118NT-NH | 1,050,000 | 3 | 48"x72" | 35 | 50X60 | 4500 | 213-280 | 15-25 | 60 | 50" x 50" x 109" | 4320 | | |

EWS Steel Series Heavy-Duty Steel Tank Water Softeners

| MODEL NO. | FLECK VALVE NO. | MAX CAPACITY | PIPE | SOFTENER TANK | | | BRINE TANK | | | FLOW RATE & PRESSURE | | | SHIP WT. (LBS) |
|--------------------------|--------------------|-----------------|------|--------------------|------------|---------------|------------|---------------|--------------------|----------------------|------------|-------------------|-----------------------|
| | | | | GRAINS HARDNESS | SIZE (IN.) | SIZE INXIN | RESIN FT3 | SIZE INXIN | SALT FILL (LBS) | SERVICE (GPM) | DROP (PSI) | BACKWASH (GPM) | |
| With Fleck Valves | | | | | | | | | | | | | |
| E5076-29 | 2900 | 300,000 | 2 | 20 x 60 | 10 | 30 x 50 | 1200 | 68-94 | 15-25 | 15 | 1930 | | |
| E5078-29 | 2900 | 450,000 | 2 | 30 x 60 | 15 | 39 x 48 | 2200 | 72-102 | 15-25 | 25 | 2525 | | |
| E5080-31 | 3150 | 600,000 | 2 | 36 x 60 | 20 | 39 x 48 | 2200 | 78-107 | 15-25 | 35 | 2700 | | |
| E5080-39 | 3900 | 600,000 | 3 | 36 x 60 | 20 | 39 x 48 | 2200 | 185-250 | 15-25 | 35 | 2850 | | |
| E5082-31 | 3150 | 900,000 | 2 | 42 x 60 | 30 | 42 x 60 | 3000 | 84-118 | 15-25 | 50 | 4650 | | |
| E5082-39 | 3900 | 900,000 | 3 | 42 x 60 | 30 | 42 x 60 | 3000 | 200-268 | 15-25 | 50 | 4800 | | |
| E5084-31 | 3150 | 1,200,000 | 2 | 48 x 60 | 40 | 50 x 60 | 4500 | 87-120 | 15-25 | 60 | 4950 | | |
| E5084-39 | 3900 | 1,200,000 | 3 | 48 x 60 | 40 | 50 x 60 | 4500 | 213-280 | 15-25 | 60 | 4100 | | |

Replacement resin, salt, and ongoing service plans are available.

SOFT-NA-0218



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