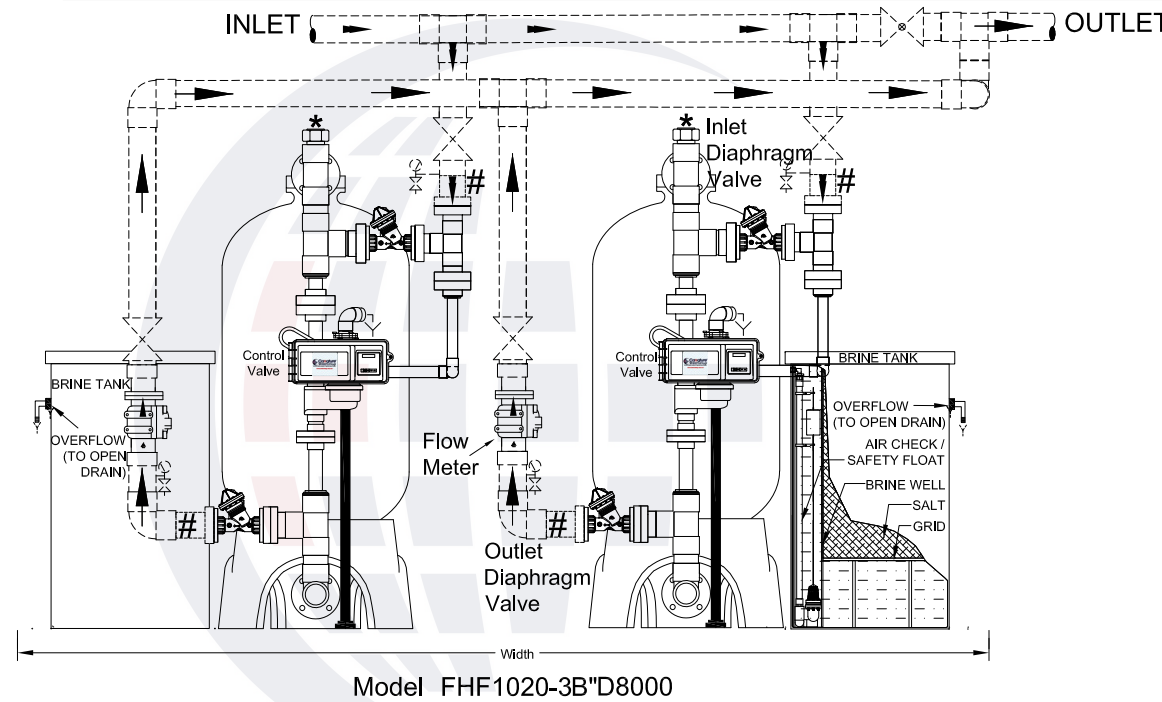


FLOW RATE IS PER TANK

| Model (Duplex) | Capacity                |                 | Resin  |                 | Salt Usage             |                         | Critical |          |             | 3"          |              | Max Flow   |        | Dimensions |        |     | Installation |    | Shipping Weight | Operating Weight |
|----------------|-------------------------|-----------------|--------|-----------------|------------------------|-------------------------|----------|----------|-------------|-------------|--------------|------------|--------|------------|--------|-----|--------------|----|-----------------|------------------|
|                | @6 lbs/ft <sup>3</sup>  | ft <sup>3</sup> | lbs    | ft <sup>3</sup> | @6 lbs/ft <sup>3</sup> | @10 lbs/ft <sup>3</sup> | Flow     | @ 15 PSI | @ 25 PSI    | To Drain    | Mineral Tank | Brine Tank | Height | Depth      | width  | lbs | lbs          |    |                 |                  |
|                | @10 lbs/ft <sup>3</sup> | m <sup>3</sup>  | kg     | kg              | USGPM                  | USGPM                   | l/s      | USGPM    | USGPM       | USGPM       | in           | in         | mm     | mm         | mm     | mm  | mm           | mm | kg              | kg               |
| FHF 660-3B"    | 484,000                 | 22              | 132    | 220             | 110                    | 202                     | 273      | 45       | 42 x 72     | 42 x 48     | 114          | 86         | 203    | 5,034      | 20,034 |     |              |    |                 |                  |
|                | 594,000                 | 0.62            | 59.89  | 99.82           | 6.94                   | 12.74                   | 17.22    | 2.84     | 1067 x 1829 | 1067 x 1219 | 2,883        | 2,184      | 5,156  | 2,284      | 9,090  |     |              |    |                 |                  |
| FHF 720-3B"    | 528,000                 | 24              | 144    | 240             | 120                    | 201                     | 269      | 45       | 42 x 72     | 42 x 48     | 114          | 86         | 203    | 5,289      | 20,289 |     |              |    |                 |                  |
|                | 648,000                 | 0.68            | 65.34  | 108.89          | 7.57                   | 12.68                   | 16.97    | 2.84     | 1067 x 1829 | 1067 x 1219 | 2,883        | 2,184      | 5,156  | 2,400      | 9,205  |     |              |    |                 |                  |
| FHF 780-3B"    | 572,000                 | 26              | 156    | 260             | 130                    | 197                     | 266      | 45       | 42 x 72     | 42 x 48     | 114          | 86         | 203    | 5,543      | 20,543 |     |              |    |                 |                  |
|                | 702,000                 | 0.74            | 70.78  | 117.97          | 8.20                   | 12.43                   | 16.78    | 2.84     | 1067 x 1829 | 1067 x 1219 | 2,883        | 2,184      | 5,156  | 2,515      | 9,321  |     |              |    |                 |                  |
| FHF 900-3B"    | 660,000                 | 30              | 180    | 300             | 150                    | 213                     | 284      | 60       | 48 x 72     | 48 x 48     | 113          | 91         | 225    | 6,419      | 24,819 |     |              |    |                 |                  |
|                | 810,000                 | 0.85            | 81.67  | 136.12          | 9.46                   | 13.44                   | 17.92    | 3.79     | 1220 x 1829 | 1219 x 1219 | 2,858        | 2,311      | 5,715  | 2,913      | 11,261 |     |              |    |                 |                  |
| FHF 1020-3B"   | 748,000                 | 34              | 204    | 340             | 170                    | 208                     | 280      | 60       | 48 x 72     | 48 x 48     | 113          | 91         | 225    | 6,928      | 25,328 |     |              |    |                 |                  |
|                | 918,000                 | 0.96            | 92.56  | 154.26          | 10.73                  | 13.12                   | 17.67    | 3.79     | 1220 x 1829 | 1219 x 1219 | 2,858        | 2,311      | 5,715  | 3,143      | 11,492 |     |              |    |                 |                  |
| FHF 1080-3B"   | 792,000                 | 36              | 216    | 360             | 180                    | 205                     | 276      | 60       | 48 x 72     | 48 x 48     | 113          | 91         | 225    | 7,182      | 25,582 |     |              |    |                 |                  |
|                | 972,000                 | 1.02            | 98.00  | 163.34          | 11.36                  | 12.93                   | 17.41    | 3.79     | 1220 x 1829 | 1219 x 1219 | 2,858        | 2,311      | 5,715  | 3,259      | 11,607 |     |              |    |                 |                  |
| FHF 1740-3B"   | 1,276,000               | 58              | 348    | 580             | 220                    | 220                     | 295      | 108      | 63 x 86     | 70 x 58     | 115          | 106        | 299    | 14,704     | 50,904 |     |              |    |                 |                  |
|                | 1,566,000               | 1.64            | 157.89 | 263.16          | 13.88                  | 13.88                   | 18.61    | 6.81     | 1600 x 2184 | 1778 x 1473 | 2,908        | 2,692      | 7,595  | 6,672      | 23,096 |     |              |    |                 |                  |

- LEGEND:**
- ⊗ ISOLATION VALVE
  - ⊗ BYPASS VALVE
  - ⊗ PRESSURE GAUGE & SAMPLE POINT
  - ⊗ OPEN DRAIN
  - \* VACUUM BREAKER
  - ▬ RAW WATER LINES
  - ▬ FILTERED WATER LINES
  - ▬ WATER TO OPEN DRAIN
  - ▬ TREATED WATER LINES



- NOTES:**
- SOFTENER IS EQUIPPED WITH A 115 VOLT, ELECTRONIC SIDE MOUNTED REGENERATION CONTROL VALVE WITH 3" SERVICE INLET AND OUTLET THERMOPLASTIC DIAPHRAGM VALVES.
  - SOFTENER MANIFOLD SUPPLIED (MINERAL TANK TO THE DIAPHRAGM VALVES) IS SCH 80 PVC.
  - FIBERGLASS MINERAL TANKS AND MEDIA ARE NSF APPROVED
  - FIBERGLASS MINERAL TANKS ONLY ARE RATED FOR MAX PRESSURE 150 PSI(1034 KPa)
  - DUE TO SLIGHT EXPANSION AND CONTRACTION OF MINERAL TANK, PIPING MUST BE DESIGNED TO ALLOW SOME MOVEMENT. AS WELL AS BE PROTECTED FROM VACUUM. FLEX CONNECTORS(#) AND A VACUUM BREAKER (\*) MAY BE REQUIRED. \*\*\*FAILURE TO INSTALL EITHER OF THEM OR IMPROPERLY INSTALL THEM MAY VOID THE TANK WARRANTY. COMPLETE UNIT WARRANTY DETAILS ON DOCUMENT #80150800 AVAILABLE ON THE WEB SITE.
  - MAXIMUM RECOMMENDED OPERATING LIMITS ARE 100 PS (690 kpa) AND TEMPERATURE 90° F (32°C).
  - ALL EXTERNAL AND INTERCONNECTING PIPING, FITTINGS, ISOLATION / BYPASS VALVES, PRESSURE GAUGES, SAMPLE POINTS, FLANGES & UNIONS ETC SHOWN BY BROKEN LINES ARE SUPPLIED BY OTHERS
  - SOFTENER UNITS FHF 570 AND LARGER REQUIRE 1" PVC BRINE LINE PIPING NOT SUPPLIED. (BY OTHERS)
  - SYSTEM MUST BE INSTALLED TO COMPLY WITH ALL FEDERAL, STATE, PROVINCIAL, AND LOCAL CODES.
  - ALL PIPING MUST BE PROPERLY SUPPORTED AND BRACED TO HANDLE THE THRUST OF THE CHANGE OF WATER FLOW (BY OTHERS).
  - FLOOR DRAINS MUST BE SIZED TO CARRY THE MAX. LISTED FLOW TO DRAIN.
  - DIMENSIONS SHOWN ARE THE \*\*\*MINIMUM\*\*\* REQUIRED. THIS INCLUDES ONLY 6" (153 mm) IN FRONT OF THE SYSTEM AND BETWEEN MINERAL TANKS. THIS ALSO INCLUDES ONLY 3" (76 mm) AROUND THE BRINE TANKS. MORE SPACE IS RECOMMENDED FOR EASY MAINTENANCE. \*\*FOR PIPING CLARITY, EXTRA DISTANCE SHOWN BETWEEN MINERAL TANKS\*\*
  - REFER TO THE INSTALLATION AND OPERATION MANUAL FOR FURTHER DETAILS.

- SYSTEM HAS NO RAW WATER BYPASS DURING REGENERATION AS STANDARD.
- MULTI TANK SOFTENER, IMMEDIATE METER INITIATED.
- DEMAND RECALL SYSTEM. ONE UNIT ALWAYS ON LINE. OTHER UNIT(S) ARE BROUGHT ON LINE BASED ON TOTAL SYSTEM FLOW RATE. UNITS
- SYSTEM INTERLOCKED TO ONLY ALLOW ONE UNIT TO REGENERATE AT A TIME

**HIGH FLOW FHF SERIES SOFTENER  
3-2 DUPLEX DEMAND RECALL SYSTEM**

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|                 |                |           |
|-----------------|----------------|-----------|
| Project _____   | Date 23/04/024 | Rev _____ |
| Dwg # FHF 3-2 D |                | 0         |

