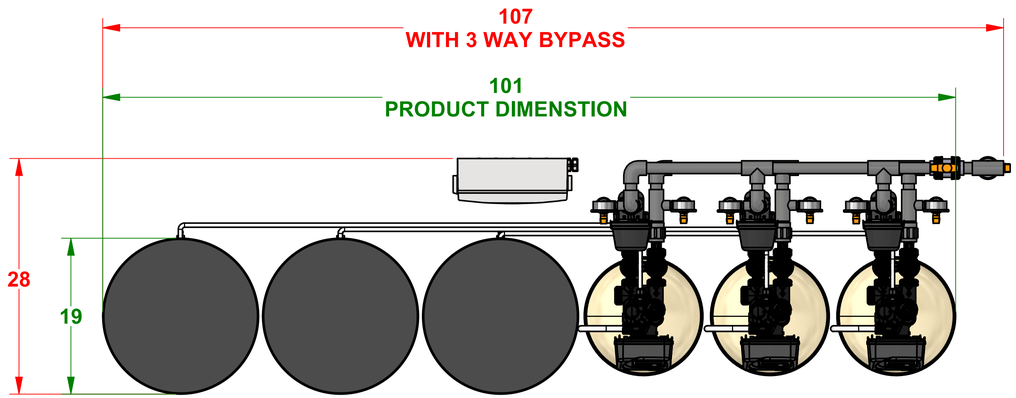
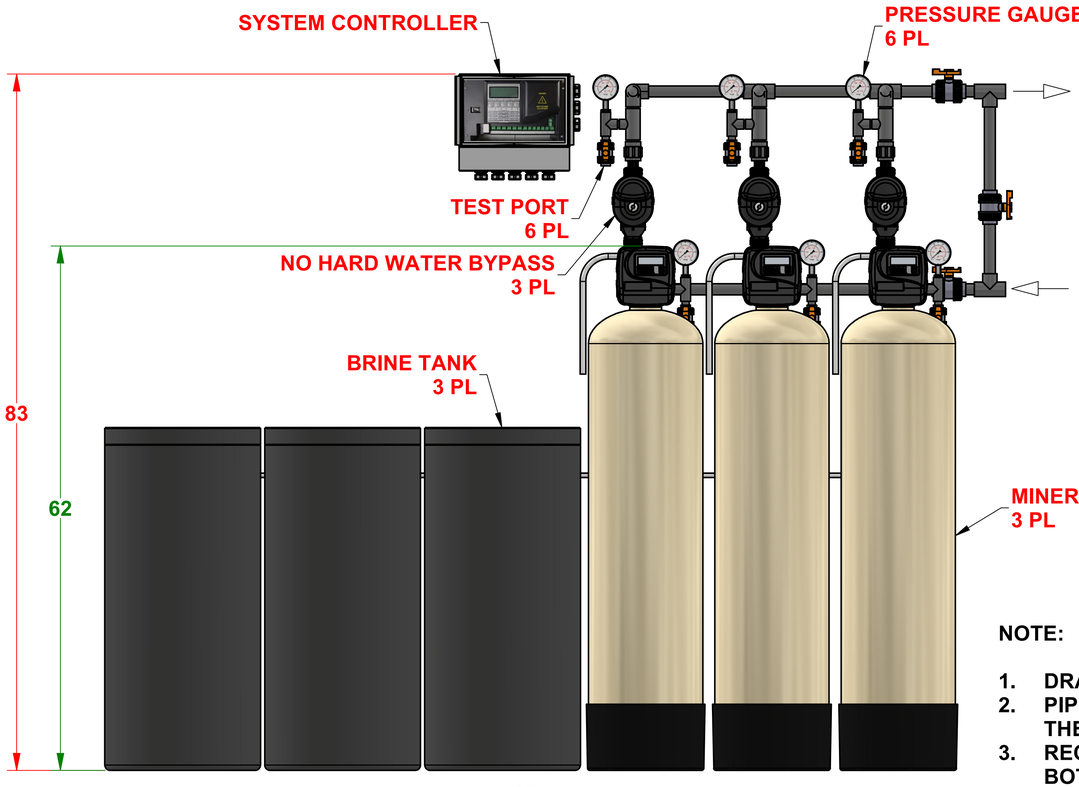
| CONTROL VALVE (in) | PIPING CONNECTIONS (in) | | | | MINERAL TANK (in) | BRINE TANK (in) | RESIN PER VESSEL (ft³) | CAPACITY(GRAINS) | | | | FLOW RATE (gpm) | | | | | | WEIGHT (lbs) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | INLET | OUTLET | DRAIN | BRINE | | | | 15 lbs/ft³ | 10 lbs/ft³ | 6 lbs/ft³ | MAX SYSTEM | MIN | CRITICAL | SERVICE | 15psi ΔP | 25psi ΔP | BACKWASH | SHIPPING | OPERATING |
| 1.25 | 1.25 | 1.25 | 0.75 | 0.375 | 13 X 54 | 18 X 40 | 2.5 | 75,000 | 67,500 | 50,000 | 225,000 | 1.8 | 22.5 | 33.0 | 72.0 | 96.0 | 4.2 | 675 | 2,700 |

REVISION HISTORY

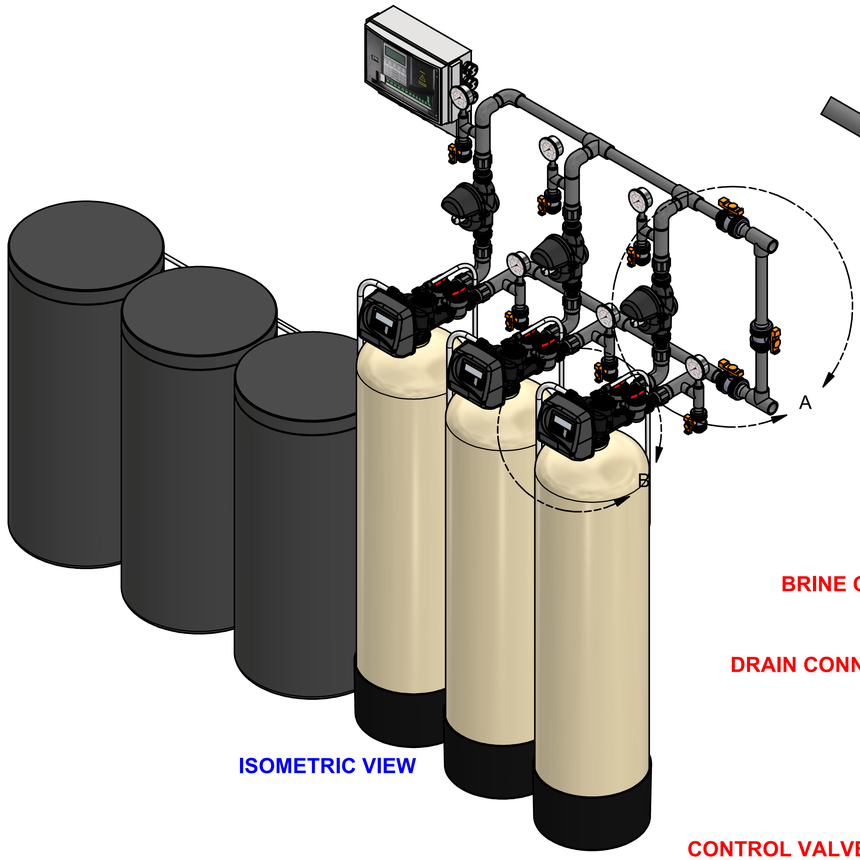
| REV | DESCRIPTION | DATE | DESIGNER | APPROVED |
|---|---|---|---|---|
| A | INITIAL RELEASE | 2022-07-15 | CSIDDARUSHI | M. GARNER |



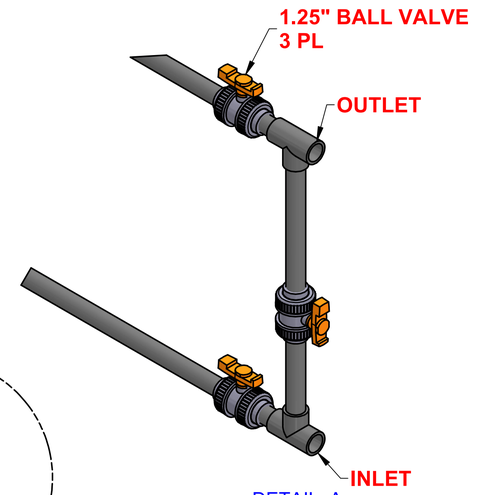

TOP VIEW



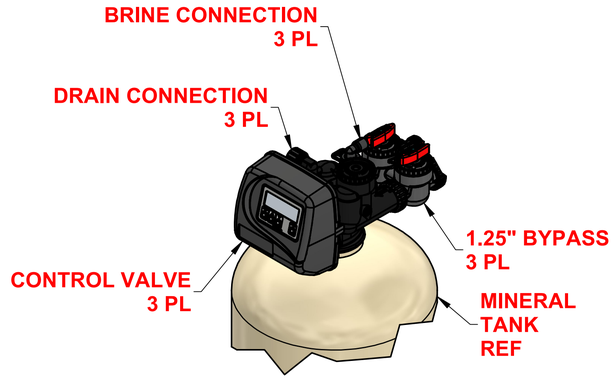

FRONT VIEW




ISOMETRIC VIEW




DETAIL A
SCALE 1 / 5
OPTIONAL 3 WAY BYPASS




DETAIL B
SCALE 1 / 5

**NOTE:**

1. DRAWING IS FOR REFERENCE ONLY.
2. PIPING AND INSTRUMENTATION SHOWN ARE NOT INCLUDED IN THE SCOPE.
3. RECOMMEND INSTALLING HORIZONTAL FLEX CONNECTORS ON BOTH INLET AND OUTLET FOR FRP TANK EXPANSION.
4. RECOMMEND INSTALLING VACUUM BREAKER(S) ON ALL INLET FRP TANK CONNECTIONS.
5. PROVIDE AN AIR GAP ON DRAIN LINE OF AT LEAST 4 TIMES THE DIAMETER OF THE PIPE OR FOLLOW LOCAL PLUMBING CODES.

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EXCALIBUR Water Systems
Quality through innovation

UNLESS OTHER WISE SPECIFIED dimensions are in inches.
Tolerance on:
Decimals Angles
.XXX= ± .5 ± 1°
.XX= ± 1
.X= ± 2

| | | |
|---|---|---|
| DRAWN | CSIDDARUSHI | 2022-07-15 |
| CHECKED | M. GARNER | 2022-07-15 |
| PROJECT MGR | M. GARNER | 2022-07-15 |
| ELE ENGINEER | NA | 2022-07-15 |
| APPROVED | M. GARNER | 2022-07-15 |

TITLE
**WATER SOFTENER 1.25" TRIPLEX PROGRESSIVE 75,000 CAPACITY**

DRW NO: EWS SC125375 Rev A

SCALE 1/9 SHEET 1 OF 1