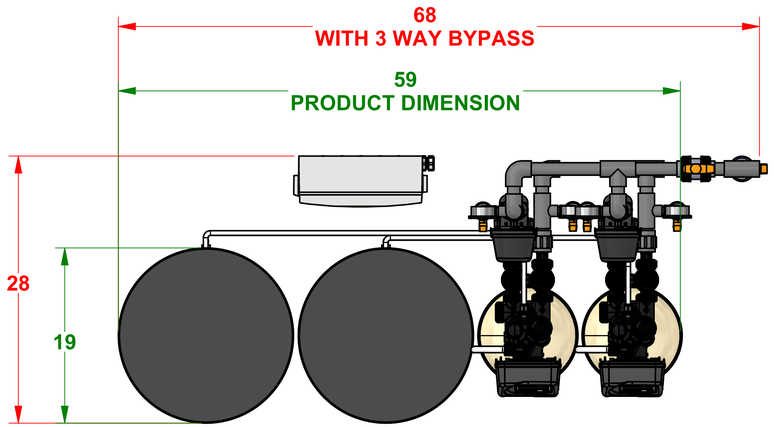
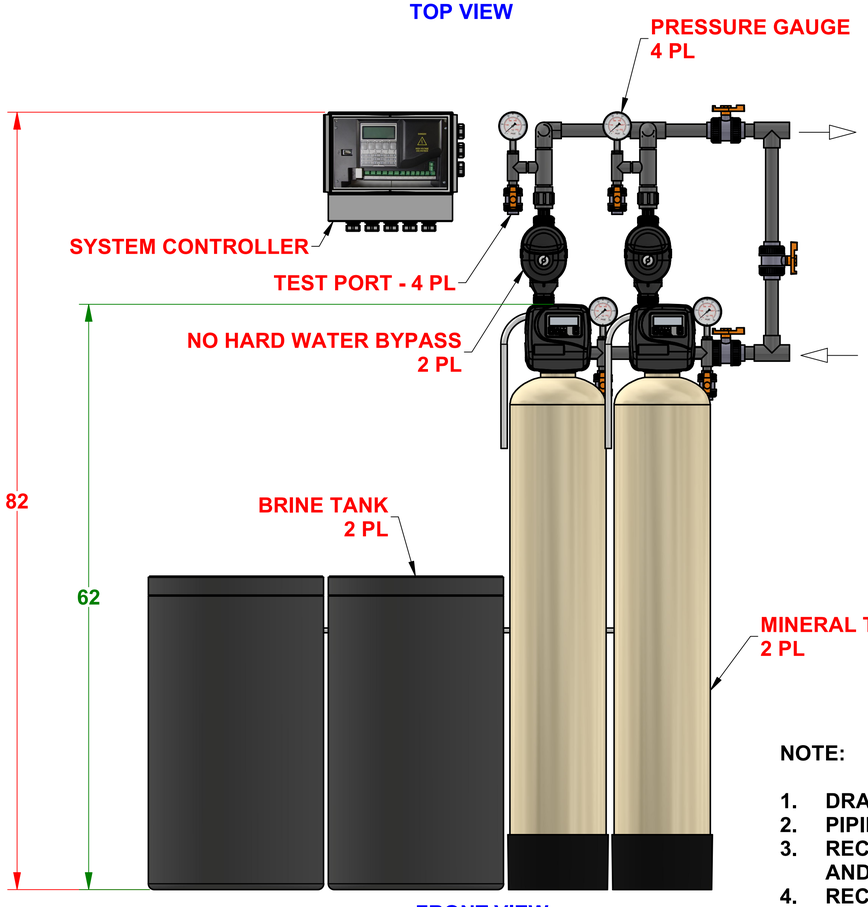
CONTROL VALVE (in)	PIPING CONNECTIONS (in)				MINERAL TANK (in)	BRINE TANK (in)	RESIN PER VESSEL (ft³)	CAPACITY(GRAINS)				FLOW RATE (gpm)						WEIGHT (lbs)	
	INLET	OUTLET	DRAIN	BRINE				15 lbs/ft³	10 lbs/ft³	6 lbs/ft³	MAX SYSTEM	MIN	CRITICAL	SERVICE	15psi ΔP	25psi ΔP	BACKWASH	SHIPPING	OPERATING
1.25	1.25	1.25	0.75	0.375	10 X 54	18 X 33	1.5	45,000	40,500	30,000	90,000	1.1	9.0	13.0	38.0	56.0	2.7	300	1,250

REVISION HISTORY

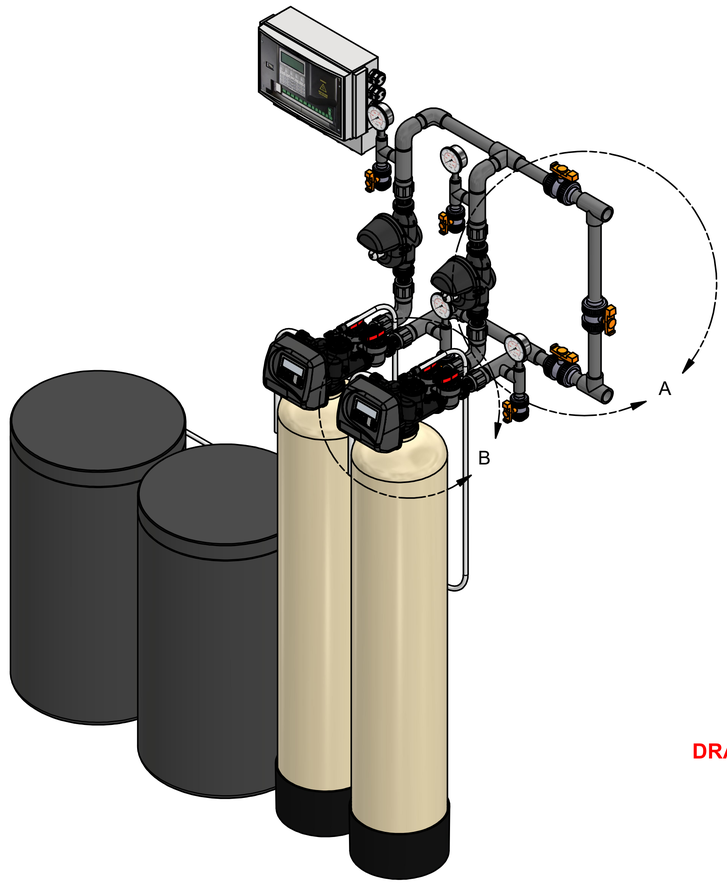
REV	DESCRIPTION	DATE	DESIGNER	APPROVED
A	INITIAL RELEASE	2022-07-13	CSIDDARUSHI	M. GARNER



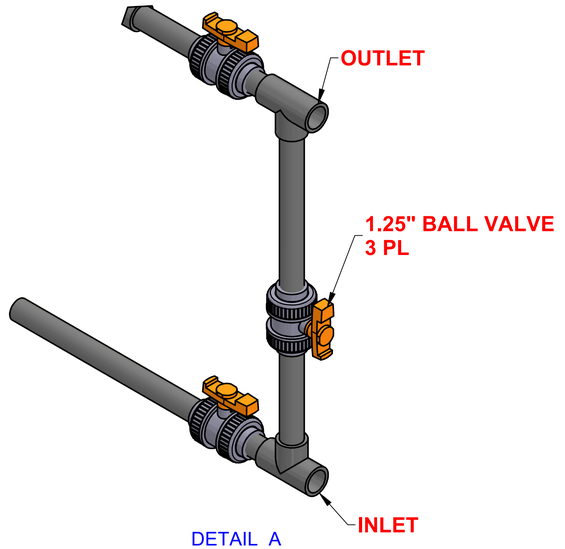
TOP VIEW



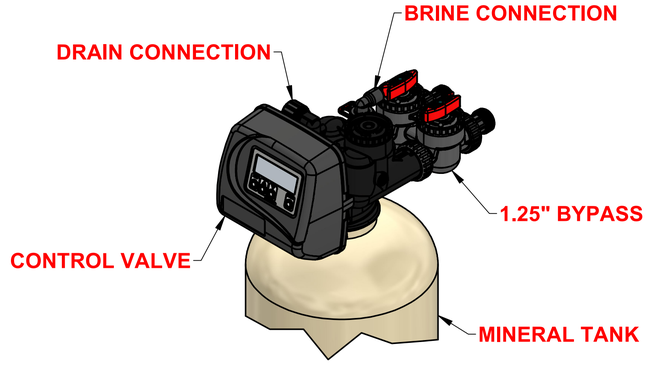
FRONT VIEW



ISOMETRIC VIEW



DETAIL A
SCALE 1 / 4
OPTIONAL 3 WAY BYPASS



DETAIL B
SCALE 1 / 4

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	2022-07-13
CHECKED	M. GARNER	2022-07-13
PROJECT MGR	M. GARNER	2022-07-13
ELE ENGINEER	NA	2022-07-13
APPROVED	M. GARNER	2022-07-13

TITLE
WATER SOFTENER 1.25" DUPLEX PROGRESSIVE 45,000 CAPACITY

DRW NO: EWS SC125245 Rev A

SCALE 1/8 SHEET 1 OF 1