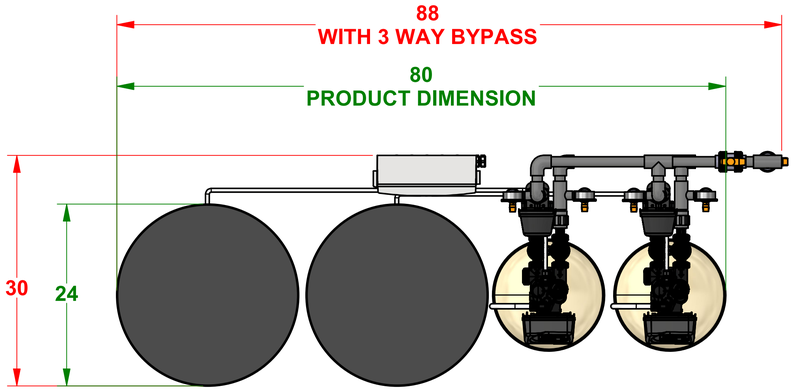
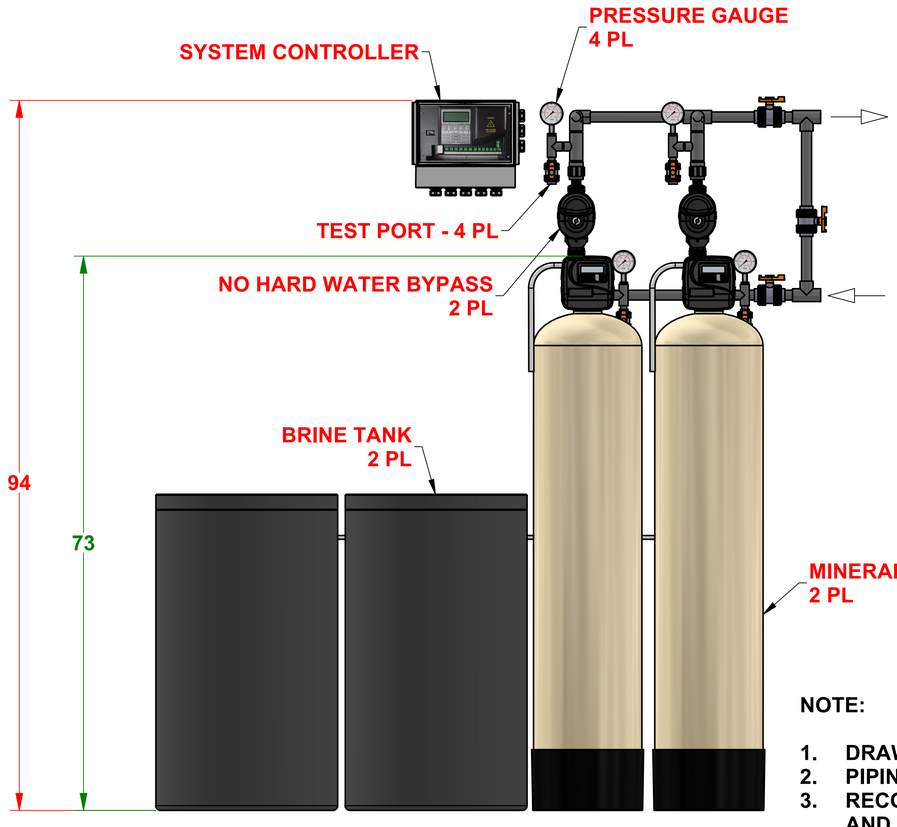
CONTROL VALVE (in)	PIPING CONNECTIONS (in)				MINERAL TANK (in)	BRINE TANK (in)	RESIN PER VESSEL (ft³)	CAPACITY(GRAINS)				FLOW RATE (gpm)						WEIGHT (lbs)	
	INLET	OUTLET	DRAIN	BRINE				15 lbs/ft³	10 lbs/ft³	6 lbs/ft³	MAX SYSTEM	MIN	CRITICAL	SERVICE	15psi ΔP	25psi ΔP	BACKWASH	SHIPPING	OPERATING
1.0	1.0	1.0	0.75	0.375	14 X 65	24 X 50	3.0	90,000	81,000	60,000	180,000	2.1	17.0	26.0	48.0	66.0	5.3	585	2,635

REVISION HISTORY

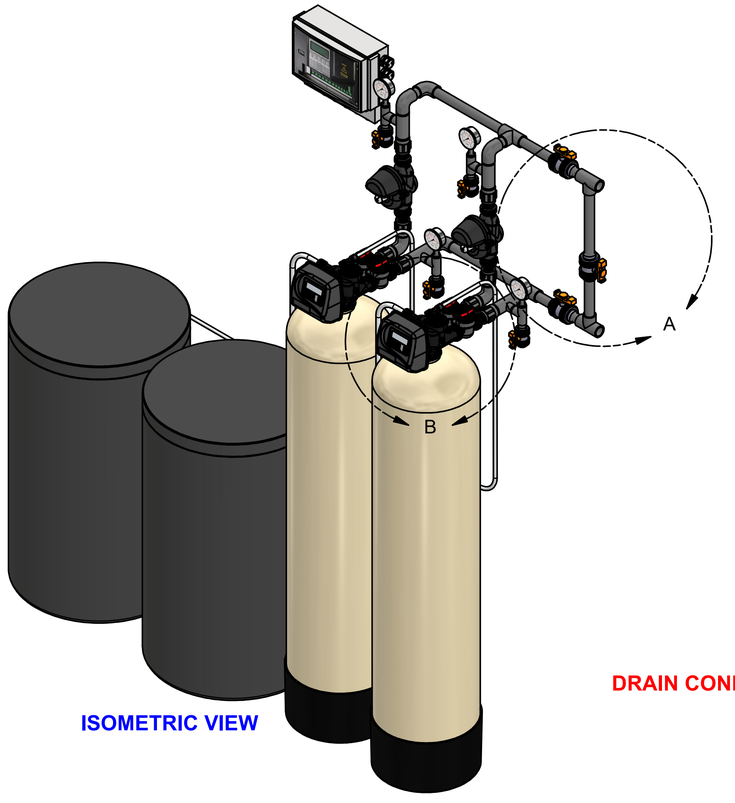
REV	DESCRIPTION	DATE	DESIGNER	APPROVED
A	INITIAL RELEASE	2022-07-13	CSIDDARUSHI	M. GARNER



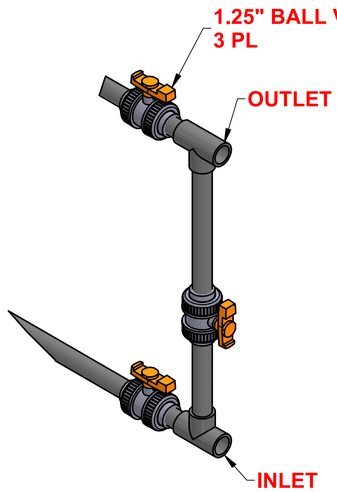
TOP VIEW



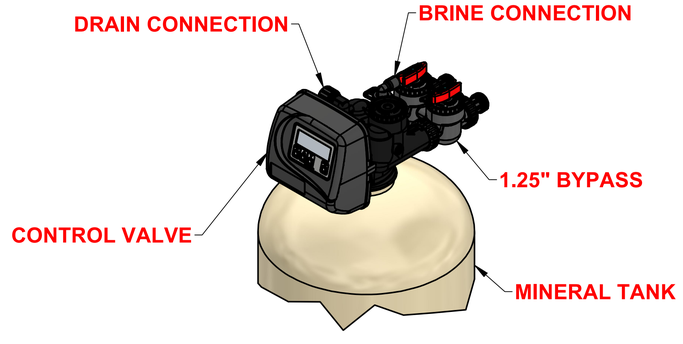
FRONT VIEW



ISOMETRIC VIEW



DETAIL A
SCALE 1 / 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.

This drawing contains information and data which is proprietary to Excalibur Water Systems Inc. This drawing, or any portion thereof, may not be reproduced, copied, or duplicated in any manner, nor used for manufacturing, without the written permission of Excalibur Water Systems Inc.

EXCALIBUR Water Systems
Quality through innovation

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

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 90,000 CAPACITY**

DRW NO: EWS SC125290 Rev A

SCALE 1/10 SHEET 1 OF 1