NOTES:

1. ALL DIMENSIONS SHOWN IN TABLE ARE IN INCHES, UNLESS OTHERWISE NOTED & ARE ± 1 INCH (25MM).
2. ALL ITEMS SHOWN IN PHANTOM LINE ARE TO BE PROVIDED BY OTHERS.
3. ALL DIMENSIONS ARE SUBJECT TO CHANGE WITHOUT ANY NOTICE.
4. INSTALL UNIONS FITTINGS ON INLET, OUTLET & DRAIN PLUMBING CONNECTIONS.
5. PROVIDE A 2 FEET MINIMUM CLEARANCE ABOVE MINERAL TANK FOR FILLING MEDIA.
6. A GFCI EQUIPT ELECTRICAL OUTLET SHOULD BE PROVIDED WITHIN 5 FEET OF EQUIPMENT LOCATION.
7. USE DIELECTRIC UNIONS ON PLUMBING CONNECTIONS OF CONTROL VALVE WHEN DISSIMILAR METALS ARE PRESENT.
8. PROVIDED SYSTEM SHALL NOT BE SUBJECT TO ANY VACUUM. IF RISK OF VACUUM IS PRESENT, INSTALL SIPHON BREAK ON DRAIN LINE & INSTALL VACUUM RELIEF VALVE WATTS ORDERING CODE # 0556031 ON INLET LINE.
9. BRINE TANK DIMENSIONS SHOWN ON TABLE ARE FACTORY SELECTED FOR USE WITH THE SPECIFIED SYSTEM SIZE.
10. DO NOT INSTALL DRAIN LINE DIRECTLY TO A DRAIN. FOR PROPER DRAIN CONNECTION FOLLOW ALL NATIONAL, STATE AND LOCAL CODES. DO NOT CONSTRUCT DRAIN LINE TO ELEVATIONS THAT EXCEED 4 FEET ABOVE THE CONTROL VALVE'S DRAIN PORT.
11. THE FULL WEIGHT OF THE PIPING AND VALVES MUST BE SUPPORTED BY PIPE HANGERS OR OTHER MEANS.
12. INLET AND OUTLET HEADERS NEED TO BE SIZED ACCORDING TO FLOW RATE REQUIREMENTS BY OTHERS.
13. POWER REQUIREMENTS: 115V/60HZ 2.7 AMPS PER CONTROL VALVE UNLESS OTHERWISE SPECIFIED.
14. BRINE TANK MUST BE LOCATED WITHIN 10 FEET OF SYSTEM CONTROL VALVE AND ON A COMMON FLOOR ELEVATION WITH MINERAL TANK TO ENSURE PROPER BRINE DRAW OPERATION.
15. USE A MINIMUM OF 1 INCH SCH 40 PVC PIPING FOR CONSTRUCTION OF BRINE LINE.
16. LIMIT INLET PRESSURE TO NOT EXCEED MAXIMUM PUBLISHED OPERATING PRESSURE.

SERIES PWS30 SIMPLEX DIMENSION (INCHES) & SPECIFICATIONS

MODEL NO.	ORDERING CODES (EDP NO.)	MINERAL TANK SIZE	INLET	OUTLET	OVERALL HEIGHT (SEE NOTE 5)	OVERALL DEPTH	OVERALL WIDTH	MINIMUN INLET PIPE DISTANCE	BRINE TANK (SEE NOTE 9)	CONTROL VALVE INLET/OUTLET PIPE SIZE (NPT)	DRAIN CONN SIZE (NPT)	SERVICE FLOW GPM @ 15 PSI DROP	PEAK SERVICE FLOW GPM @ 25 PSI DROP	DRAIN FLOW RATE (GPM)	MIN/MAX OPERATING TEMP F°	MIN/MAX OPERATING PRESSURE (PSI)	ESTIMATED OPERATING WEIGHT (LBS)	ESTIMATED SHIPPING WEIGHT (LBS)
PWS30151H11	7100045	24 X 72	79.44	79.44	95.25	24.5	28.63	7.0	30 X 50	3.0	1.0	120	170	15	34/110	25/125	3356	1070
PWS30151I11	7100046	30 X 72	81.44	81.44	96.75	30.13	31.38	9.5	39 X 48	3.0	1.5	158	212	25	34/110	25/125	5157	1600
PWS30151J11	7100047	36 X 72	87.25	87.25	101	36.13	36.13	12.0	39 X 60	3.0	1.5	185	250	35	34/110	25/125	6661	2015
PWS30151K11	7100048	42 X 72	95.25	95.25	108	44	44	14.5	42 X 60	3.0	2.0	200	268	50	34/110	25/125	8861	3245
PWS30151L11	7100049	48 X 72	99.63	99.63	112.38	50.38	50.38	17.0	50 X 60	3.0	2.0	213	280	60	34/110	25/125	12197	4295

WATTS® 815 CHESTNUT ST. NORTH ANDOVER, MA 01845

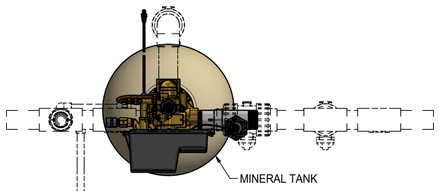
THIS DRAWING DISCLOSES CONFIDENTIAL AND OTHER DATA OF A PROPRIETARY NATURE OWNED BY WATTS WATER TECHNOLOGIES, INC AND MAY NOT BE USED OR DISCLOSED TO OTHERS WITHOUT THE PRIOR WRITTEN CONSENT OF WATTS WATER TECHNOLOGIES INC.

DWG BY: JR | DATE: 1/28/2021 | SCALE: NTS | SUPERSEDES:
CHD BY: RL | DATE: 1/28/2021 | SHEET: 1 OF 1

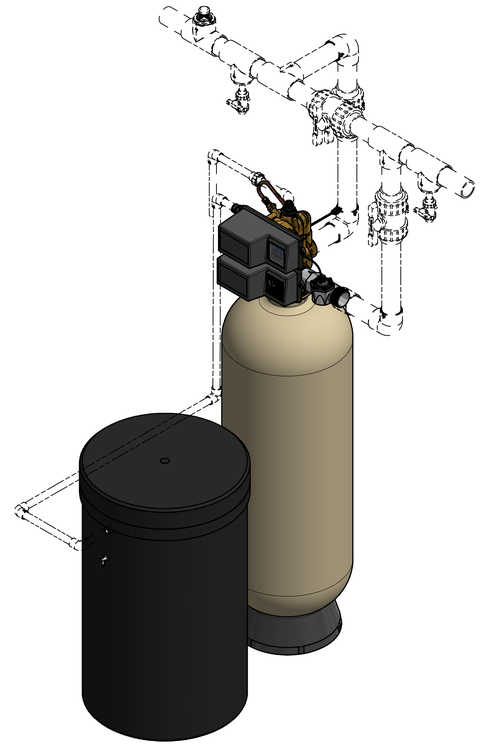
LIMITS UNLESS SPECIFIED
FRACTIONAL ANGULAR ±1/32 ±1°
DECIMAL in[mm]
.XX[0.XX] ± .12[3.175]
.XXX[0.X] ± .25[6.35]
COMMON AXIS in[mm]
.01[0.36] TIR
SURFACE FINISH µin[µmeter]
125[3.2] RMS
DO NOT SCALE DRAWING

TITLE: GENERAL INSTALLATION, SERIES PWS30 SIMPLEX 3" WATER SOFTENERS
MATERIAL: N/A
OTHER: ESTIMATED WEIGHT: N/A

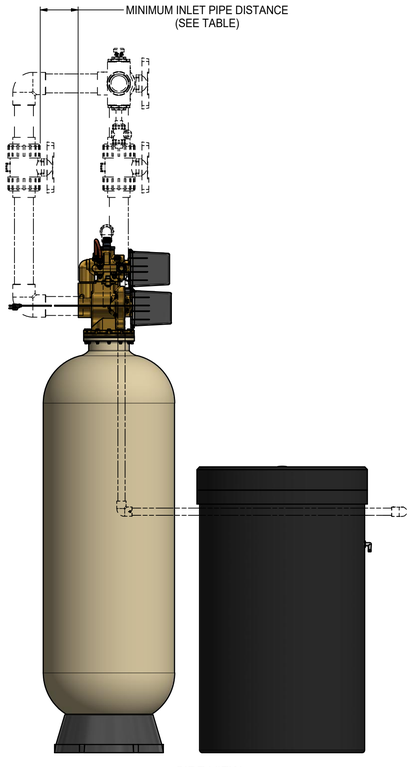
PART NO.: SEE TABLE
EDP NO.: SEE TABLE
SIZE: D
REV: 1
FILE TYPE: CAD



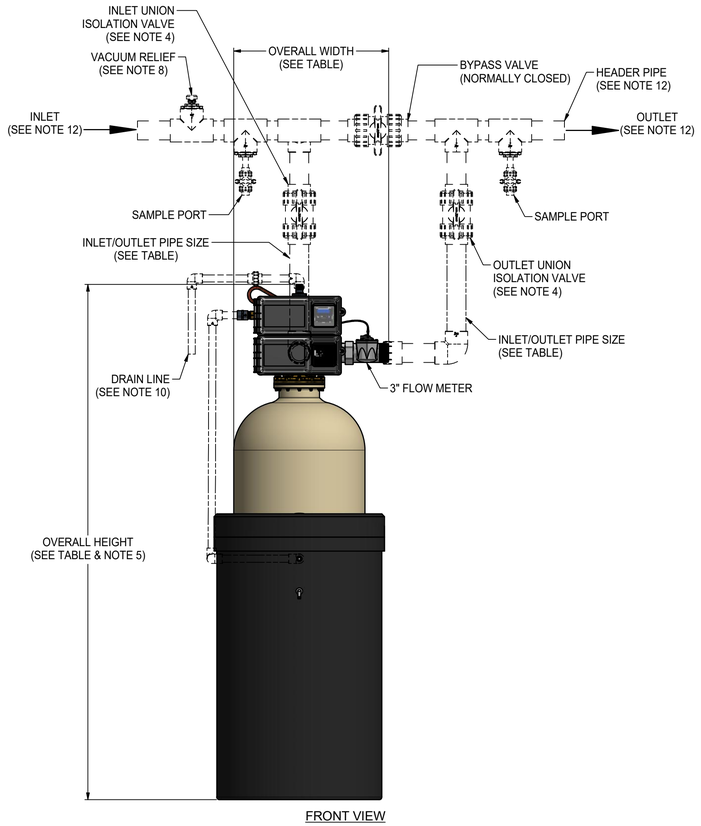
TOP VIEW



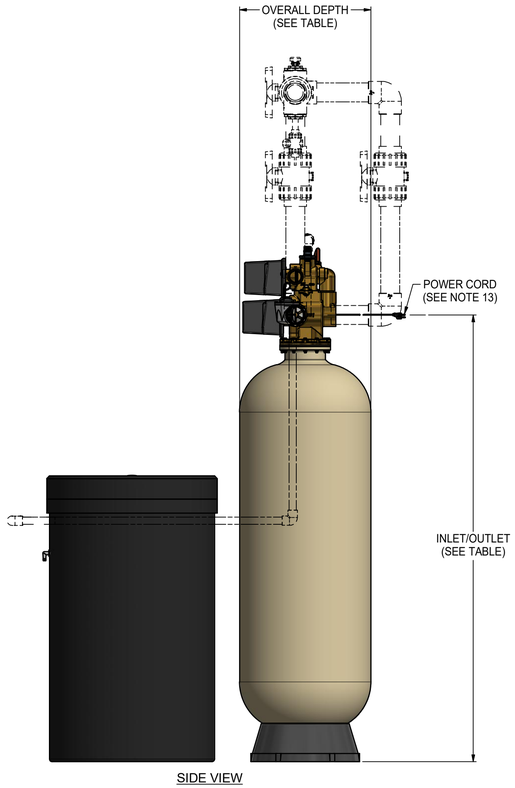
ISOMETRIC VIEW



SIDE VIEW



FRONT VIEW



SIDE VIEW

CLIENT PROJECT SIGN-OFF
JOB NAME:
JOB LOCATION:
CONTRACTOR:
CONTRACTOR APPROVAL:
CONTRACTOR APPROVAL DATE:
CONTRACTOR PO NO:
ENGINEER:
ENGINEER APPROVAL:
ENGINEER APPROVAL DATE: