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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 HCP-300 DUPLEX PROGRESSIVE DIMENSION (INCHES) & SPECIFICATIONS

MODEL NO.	ORDERING CODES (EDP NO.)	MINERAL TANK SIZE	INLET	OUTLET	OVERALL HEIGHT (SEE NOTE 5)	OVERALL DEPTH	OVERALL WIDTH	MINIMUM 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)
M4110TI-NH	68105475	24 X 72	79.44	79.44	95.25	24.5	73.4	7.0	30 X 50	3.0	1.0	240	340	15	34/110	25/125	6713	2140
M4112TI-NH	68105488	30 X 72	81.44	81.44	96.75	30.13	79.6	9.5	39 X 48	3.0	1.5	316	424	25	34/110	25/125	10314	3200
M4114TI-NH	68105500	36 X 72	87.25	87.25	101	36.13	84.6	12.0	39 X 60	3.0	1.5	370	500	35	34/110	25/125	13321	4030
M4116TI-NH	68105511	42 X 72	95.25	95.25	108	44	92.6	14.5	42 X 60	3.0	2.0	400	536	50	34/110	25/125	17721	6490
M4118TI-NH	68105525	48 X 72	99.63	99.63	112.38	50.38	106.6	17.0	50 X 60	3.0	2.0	426	560	60	34/110	25/125	24394	8590

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:

815 CHESTNUT ST.
NORTH ANDOVER, MA 01845

WATTS

WATTS TECHNOLOGIES, INC. AND MAY NOT BE USED OR DISCLOSED TO OTHERS WITHOUT THE PRIOR WRITTEN CONSENT OF WATTS TECHNOLOGIES, INC.

DWG BY: JR

DATE: 2/2/2021

SCALE: NTS

SHEET: 1 OF 1

SUPERSEDES:

LIMITS UNLESS SPECIFIED

FRACTIONAL ANGULAR
1/16" 3/16" 1/8" 1/4" 3/8" 1/2" 5/8" 3/4" 7/8" 1" 1 1/8" 1 1/4" 1 3/8" 1 1/2" 1 5/8" 1 3/4" 1 7/8" 2" 2 1/8" 2 1/4" 2 3/8" 2 1/2" 2 5/8" 2 3/4" 2 7/8" 3" 3 1/8" 3 1/4" 3 3/8" 3 1/2" 3 5/8" 3 3/4" 3 7/8" 4" 4 1/8" 4 1/4" 4 3/8" 4 1/2" 4 5/8" 4 3/4" 4 7/8" 5" 5 1/8" 5 1/4" 5 3/8" 5 1/2" 5 5/8" 5 3/4" 5 7/8" 6" 6 1/8" 6 1/4" 6 3/8" 6 1/2" 6 5/8" 6 3/4" 6 7/8" 7" 7 1/8" 7 1/4" 7 3/8" 7 1/2" 7 5/8" 7 3/4" 7 7/8" 8" 8 1/8" 8 1/4" 8 3/8" 8 1/2" 8 5/8" 8 3/4" 8 7/8" 9" 9 1/8" 9 1/4" 9 3/8" 9 1/2" 9 5/8" 9 3/4" 9 7/8" 10" 10 1/8" 10 1/4" 10 3/8" 10 1/2" 10 5/8" 10 3/4" 10 7/8" 11" 11 1/8" 11 1/4" 11 3/8" 11 1/2" 11 5/8" 11 3/4" 11 7/8" 12" 12 1/8" 12 1/4" 12 3/8" 12 1/2" 12 5/8" 12 3/4" 12 7/8" 13" 13 1/8" 13 1/4" 13 3/8" 13 1/2" 13 5/8" 13 3/4" 13 7/8" 14" 14 1/8" 14 1/4" 14 3/8" 14 1/2" 14 5/8" 14 3/4" 14 7/8" 15" 15 1/8" 15 1/4" 15 3/8" 15 1/2" 15 5/8" 15 3/4" 15 7/8" 16" 16 1/8" 16 1/4" 16 3/8" 16 1/2" 16 5/8" 16 3/4" 16 7/8" 17" 17 1/8" 17 1/4" 17 3/8" 17 1/2" 17 5/8" 17 3/4" 17 7/8" 18" 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