

NOTES:

- 1. THIS IS A TYPICAL SINGLE UNIT INSTALLATION PIPING DRAWING. CONSULT LOCAL CODES AND AUTHORITIES.
- 2. REFER TO APPROPRIATE DIMENSIONAL DRAWING OF UNIT FOR ACTUAL SIZE AND LOCATION DIMENSIONS OF PIPING AND OTHER CONNECTIONS.
- 3. RELIEF VALVE SHALL BE INSTALLED TO SAFE DRAIN ACCORDING TO APPROPRIATE PLUMBING CODES.
- 4. SHELL DRAIN AND CONDENSATE SHALL DRAIN FREELY BY GRAVITY.
- 5. PIPING CONNECTIONS TO THE UNIT SHALL BE PROVIDED WITH UNIONS OR FLANGES MAINTAINING ENOUGH CLEARANCES FOR SERVICE.
- DIELECTRIC FITTINGS ARE SUGGESTED TO MAKE CONNECTIONS BETWEEN DISSIMILAR METALS TO PREVENT GALVANIC CORROSION.
- 6. *ITEMS INCLUDED IN SHIPMENT WITH UNIT FOR FIELD INSTALLATION.
- 7. HOSE CONNECTION ON THE UNIT OUTLET IS UTILIZED DURING STARTUP CALIBRATION AND CLEANING.
- 8. A CHECK VALVE MAY BE UTILIZED IN PLACE OF BACKFLOW PREVENTER IF PERMITTED BY LOCAL CODES.
- 9. PIPING INSTALLATION COMPONENTS ARE SUPPLIED BY OTHERS IN THE FIELD.
- 10. MIXING VALVE SHOULD NOT BE INSTALLED WITHIN 20 FEET OF WATER HEATER OUTLET CONNECTION.
- 11. WHEN STEAM INLET PRESSURE IS HIGHER THAN REQUIRED, A PRESSURE REGULATING VALVE SHALL BE PROVIDED BEFORE STEAM INLET TO

CONTROL VALVE.

12. EXPANSION TANK SHALL BE INSTALLED WHEN BUILDING RECIRCULATION PIPING IS EMPLOYED.

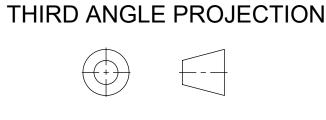
DIMENSIONS ARE SHOWN IN INCHES [CENTIMETERS] TOLERANCES ARE AS FOLLOWS UNLESS OTHERWISE SPECIFIED

> X.XX X.XXX X.XXXX ANGULAR FINISH $\pm .12 \pm .031 \pm .0156 \pm 1.0^{\circ}$

REMOVE AND DEBURR SHARP EDGES AND CORNERS ALL DIMENSIONS ARE AFTER FINISH OR PLATING REFERENCE DIMENSIONS ARE SHOWN IN PARENTHESES () CRITICAL DIMENSIONS ARE SHOWN IN

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DWG. SCALE

MATERIAL SPEC: SEE NOTES

TITLE

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ST VERTICAL, SINGLE UNIT APPLICATION

PIPING & INSTALLATION DRAWING

NAME DWG# DATE REV S-50 JC DRAWN BY 1/4/21 SHEET 1 OF 1 CHECKED BY