



**NOTES:**

1. THIS IS A TYPICAL 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 VALVES AND DRAIN VALVES PIPING SHALL BE INSTALLED TO SAFE DRAIN ACCORDING TO APPROPRIATE PLUMBING CODES.
4. 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.
5. ALSO CONSULT BOILER MANUFACTURER FOR BOILER WATER SIDE PIPING DETAILS.
6. HOSE CONNECTIONS ON THE UNIT OUTLET ARE UTILIZED DURING STARTUP CALIBRATION AND CLEANING.
7. A CHECK VALVE MAY BE UTILIZED IN PLACE OF BACKFLOW PREVENTER IF PERMITTED BY LOCAL CODES.
8. PIPING INSTALLATION COMPONENTS ARE SUPPLIED BY OTHERS IN THE FIELD.
9. MIXING VALVE SHOULD NOT BE INSTALLED WITHIN 20 FEET OF WATER HEATER OUTLET CONNECTION.
10. EXPANSION TANK SHALL BE INSTALLED WHEN BUILDING RECIRCULATION PIPING IS EMPLOYED.
11. INSTALL AQUASTAT/TEMP. SWITCH IN LOWER 1/3 OF THE TANK WHICH IS USED TO ENABLE/DISABLE THE PUMP.
12. PUMP SHALL BE SIZED FOR HEATERS FLOW RATE CAPACITY.
13. USE BALANCING VALVES TO BALANCE THE FLOW BETWEEN UNITS AND TANKS IF THE PIPING ARRANGEMENT IS NOT REVERSE RETURN.



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PIPING INSTALLATION DRAWING				
SUPERPLATE WATER HEATERS				
MULTIPLE UNITS WITH SINGLE STANDARD STORAGE TANK				
	NAME	DATE	DWG.#	REV
DRAWN BY	SS	02/01/19		
CHECKED BY			S-33	A