



Pipe Temp.	Line Type
CW	
HW	
Recirc	
Tempered	

- Ball Valve
- Check Valve
- Drain Valve
- Strainer
- Pump
- Temperature Switch
- Temperature Indicator
- Thermometer
- Backflow Preventer
- Balancing Valve Circuit Setter
- T&P Relief Valve
- Floor Drain

- NOTES:
- FOR ACTUAL SIZES AND LOCATIONS OF PIPING AND OTHER CONNECTIONS TO THE HEATER, SEE DIMENSIONAL DRAWING.
  - THIS IS A TYPICAL INSTALLATION DRAWING. LOCAL CODES AND AUTHORITIES SHOULD BE CONSULTED.
  - LOCATE WATER INLET AND OUTLET FITTINGS (i.e. UNIONS, ELBOWS, ETC.) A MINIMUM OF 6" FROM WATER HEATER FITTINGS, TO PREVENT INTERFERENCE WITH REMOVAL OF HEATER PANELS.
  - PUMP SHOULD BE CAPABLE OF HEATER'S RATED FLOW AT DESIGN TEMPERATURE RISE.
  - MOUNT TEMPERATURE SWITCH 1/3 UP FROM THE BOTTOM OF THE TANK, SWITCH WILL TURN PUMP ON AND OFF. TANK HEIGHT TO DIA RATIO: 2:1 TO 3:1 RECOMMENDED. STORAGE TANK MUST INCLUDE EITHER AN INLET DISPERSION TUBE OR INLET BAFFLE TO ENSURE STRATIFICATION. WHEN REQUIRED BY LOCAL CODES, A VACUUM BREAKER MUST BE INSTALLED WITH THE STORAGE TANK. CONSULT LOCAL CODES FOR PROPER TYPE OF CONNECTIONS TO STORAGE TANK.
  - PIPE T&P VALVE TO WITHIN 6" OF DRAIN WITH NO SHUTOFF VALVES OR RESTRICTION IN THE LINE; OR PER LOCAL CODE REQUIREMENTS. CONDENSATE DRAIN LINE WITH NEUTRALIZER PIPED TO FLOOR DRAIN NOT SHOWN. DUPLICATE REQUIRED PIPING FOR HEATER(S) AND STORAGE TANK(S).
  - IF PERMITTED BY LOCAL CODES, A CHECK VALVE MAY BE USED IN PLACE OF A BACKFLOW PREVENTER.
  - REFER TO INSTALLATION CHAPTER OF OMM-0175 FOR AIR, GAS, AND CONDENSATE CONNECTIONS.
  - ALL (\*) COMPONENTS ARE OPTIONAL FOR INSTALLATION UNLESS OTHERWISE STATED PER LOCAL CODE REQUIREMENTS.
  - THE FOLLOWING COMPONENTS SHALL BE FIELD SOURCED: CHECK VALVES, STRAINERS, BALL VALVES, BALANCING VALVES, PUMPS, TEMPERATURE SENSORS, EXPANSION TANK, BACKFLOW PREVENTER.
  - BUILDING RECIRC PUMP DETERMINED BY PLUMBING ENGINEER AND MINIMUM FLOW VARIES BY DIGITEMP MODEL.
  - SEE CLEARANCE DIAGRAMS FOR APPROXIMATE INSTALLED FOOTPRINT WIDTH AND DEPTH.

		Blauvelt, NY 10913	
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