

## WATER HEATER PIPING GUIDELINE One Water Heater - One Storage Tank

FOR: DURAWATT Electric  
 Maxim (gas, low NOx, oil or gas/oil)  
 QuickDraw (storage or instantaneous, steam or boiler water)  
 TURBOPOWER (83% efficient gas, low NOx, oil or gas/oil)

Maximum recommended flow (gpm) by pipe diameter for type L copper	
Diameter	GPM
1"	15
1-1/4"	22
1-1/2"	34
2"	60
2-1/2"	90
3"	130
4"	230







Duplicate piping for T&P and drains for all heaters.

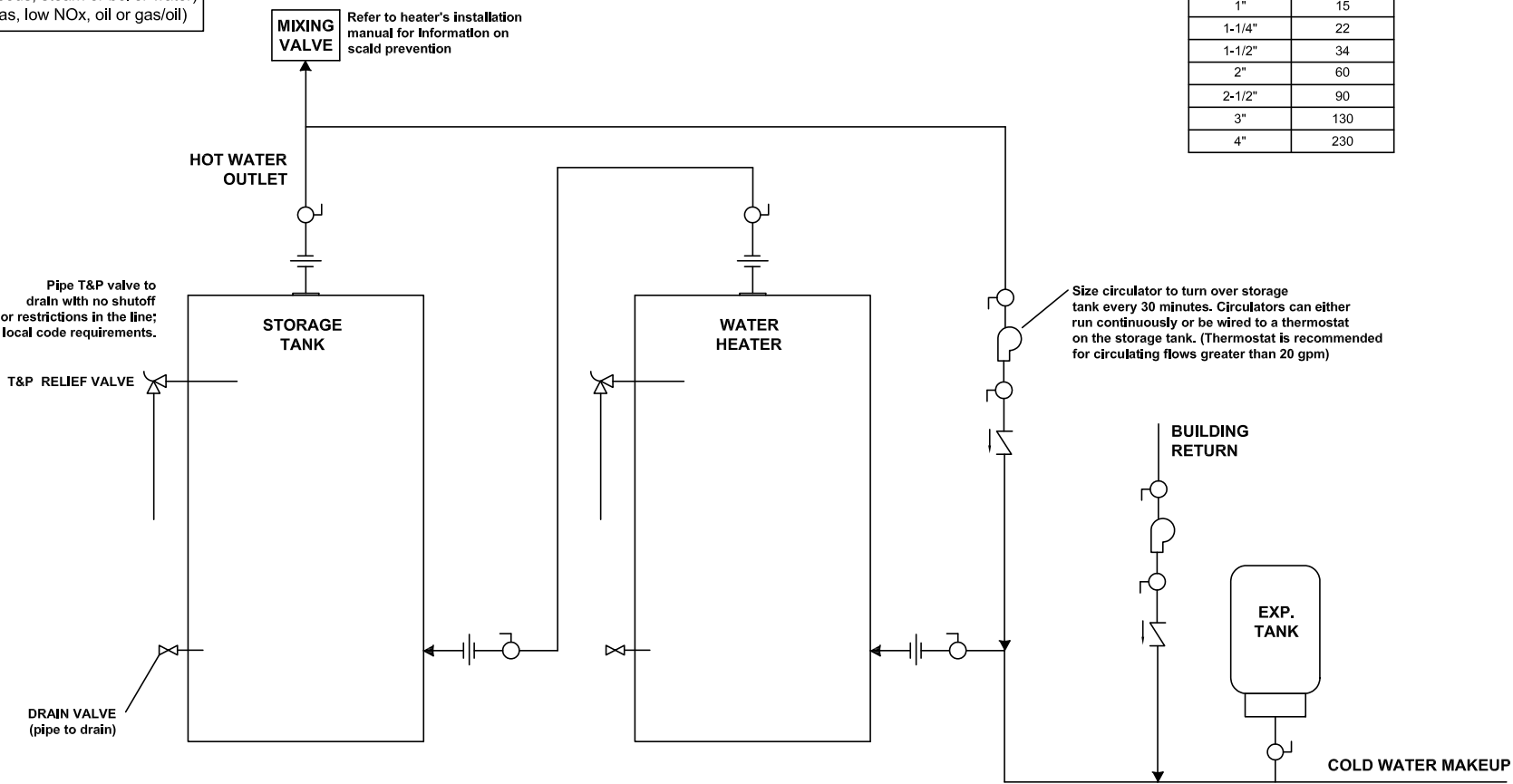
Pipe T&P valve to drain with no shutoff valves or restrictions in the line; or per local code requirements.

**MIXING VALVE**  
 Refer to heater's installation manual for Information on scald prevention

Size circulator to turn over storage tank every 30 minutes. Circulators can either run continuously or be wired to a thermostat on the storage tank. (Thermostat is recommended for circulating flows greater than 20 gpm)

**LEGEND**

	Pipe Union
	Ball Valve, Full Port
	T&P Relief Valve
	Check Valve
	Pump
	Shutoff Valve



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