PIKE WATER, INC

"SERVING THE PIKE COUNTY AREA SINCE 1972"

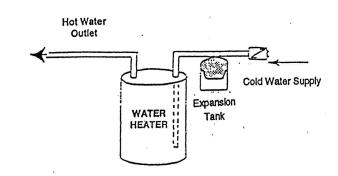
er Pike Water.

My plumber came to install my new hot tank which heats over 100 gallons of . He told me I needed to get a MAL EXPANSION TANK since I am on ike Water System. Why is that tank sary?

r Customer.

our plumber is correct. The Pike Water n became a closed system when it ad backflow preventers on every meter il years ago. That means that after becomes heated and the pressure it back towards the meter, it cannot into the main line. It must seek an il way of release.

ually this means the hot water tank popve will begin leaking. If you have a hot tank which stores up to 100 gallons and the water to a very hot temperature, the f valve would constantly be leaking. To t this situation, we recommend that you small thermal expansion tank to hold the ding water. See illustration above.



I expansion

ter is heated it expands. If the inlet is not blocked by a check valve, pressure reducing valve, evice, the increase in volume simply travels back into the source. If the inlet is blocked, this in volume will cause an increase in pressure, sometimes to dangerous levels.

(Temperature-pressure) valve relieves this pressure by discharging some liquid. A thermal n tank can be installed in the line that will absorb the increase in volume, preventing the relief n discharging unnecessarily.

; are strictly an emergency measure and should be replaced every 2 years. At 180 degrees, exature that the T&P valve opens, damage can occur to your system and you may have a warranty on your water heater.

oper installation of backflow preventers can block the thermal expansion leading to operation R Valve.