ONE RESIDENTIAL/LD ELECTRIC MODEL WITH RETURN CIRCULATION THROUGH DRAIN VALVE

This drawing shows a suggested piping configuration and other devices; check with local codes and ordinances for additional requirements.

*Expansion tank recommended to minimize any pressure build up if the water supply piping has a back-flow preventer, check valve or water meter with a check valve.

WATER SUPPLY

HOT WATER

SHUT OFF VALVE

UNION

TEMPERATURE AND PRESSURE RELIEF VALVE

EXPANSION TANK*

SHUT OFF VALVE

BACK-FLOW PREVENTER

SYSTEM RETURN

CIRCULATION PUMP

BACK-FLOW PREVENTER

DRAIN VALVE LOCATION

DRAIN VALVE

FLOOR DRAIN

DISCHARGE TUBE

WATER SUPPLY