



NOTE: Install tempering valve on domestic hot pipes if operating temperature of tank is more than 125°F

water line for filling and topping up heating system

heat trap

combo backflow preventer & fill kit

pressure gauge

hot and cold domestic water pipes

air vent installed in highest part of the system

expansion tank

check valve

isolation and purge valves for heat exchanger maintenance

3" x 8" x 20-plate heat exchanger

tank-style natural gas or propane water heater

circulation pump with check valve (always installed with shafts horizontal)

circulation pump (always installed with shafts horizontal)

flanged valves allow pumps to be changed without draining system

infloor heating

thermostat controls both circulation pumps

hot water radiator

thermal expansion tank is required if the water heater is connected to a closed system.

hydronic heating side

heat exchange side