infloor heating

thermostat controls

both circulation pumps

hot water radiator 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)
flanged valves allow pumps to be changed without draining system
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)
heat trap
combo backflow preventer & fill kit
pressure gauge

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

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

heat trap

expansion tank

air vent installed in highest part of the system
circulation pump (always installed with shafts horizontal)
flanged valves allow pumps to be changed without draining system
heat exchange side
hydronic heating side

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

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