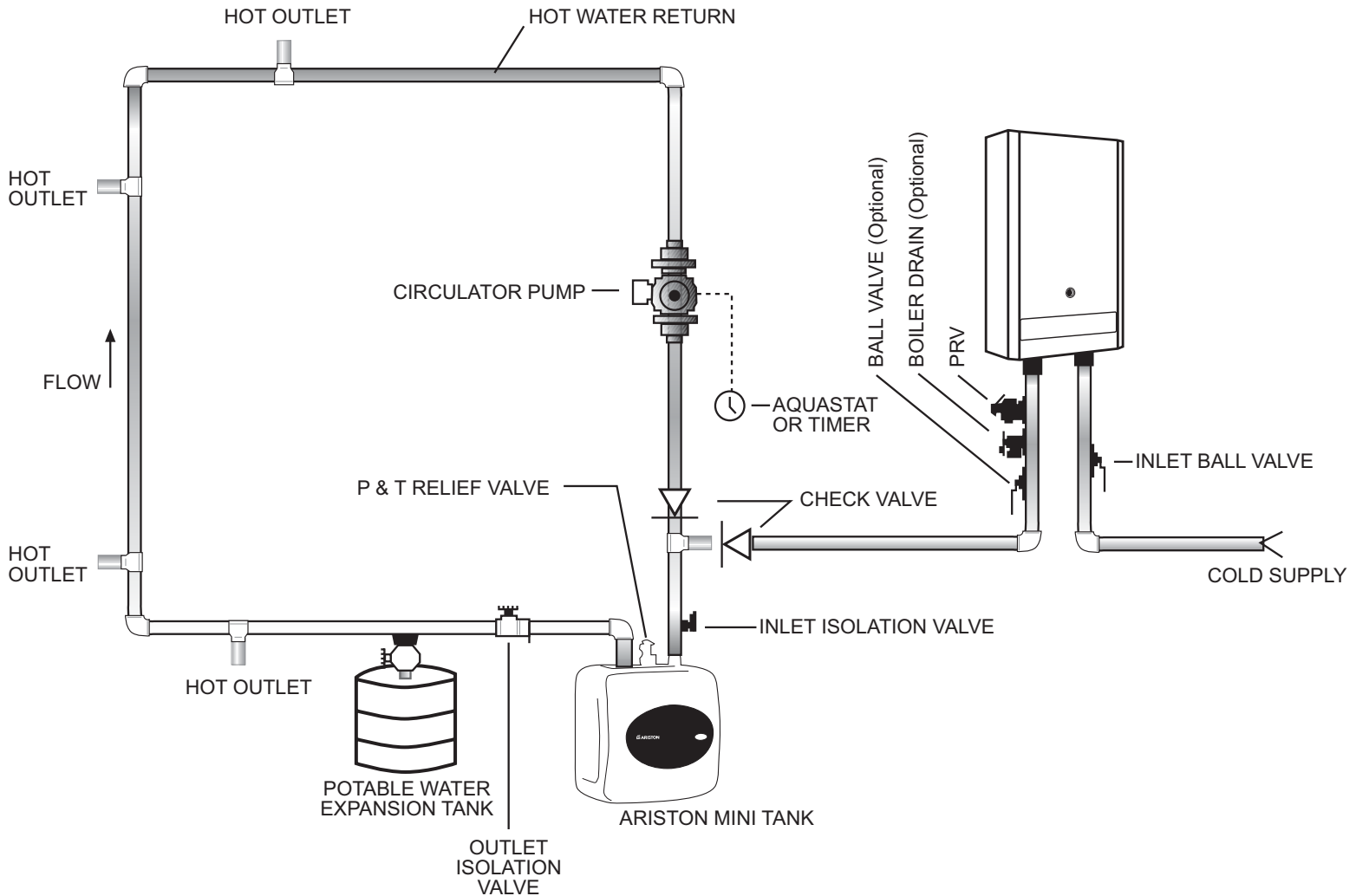


## Recirculating Domestic Hot Water



- All components and valving on the diagram are required unless otherwise noted.
- Pressure relief valves are included with all Bosch water heaters. Temperature and pressure relief valves are included with all Ariston water heaters.
- Pipe insulation is recommended on all hot water pipes to reduce energy loss.
- A minimum pipe size of 3/4 " is recommended to allow for optimal flow in the recirculation loop.
- The minitank thermostat and the tankless water heater should be set to approximately the same temperature.
- Avoid long pipe runs from the Bosch water heater to the minitank. A five foot maximum is recommended
- The Ariston 4 gallon minitank is recommended if the pipe run to your furthest bathroom is 50 feet or less. The larger Ariston is recommended if the longest pipe run is more than 50 feet.
- Timed operation is suggested. The minitank remains heated at all times. The circulator pump can be programmed with a timer to recirculate in early morning and evening, when demand is greatest. Alternatively, an Aquastat can be used to control the circulator pump and maintain water temperature in the pipe loop.

### NOTE:

The above schematic is for illustration only and must not be used for actual installation without appropriate engineering and technical advice from a professional properly licensed in the locality where the installation is made.