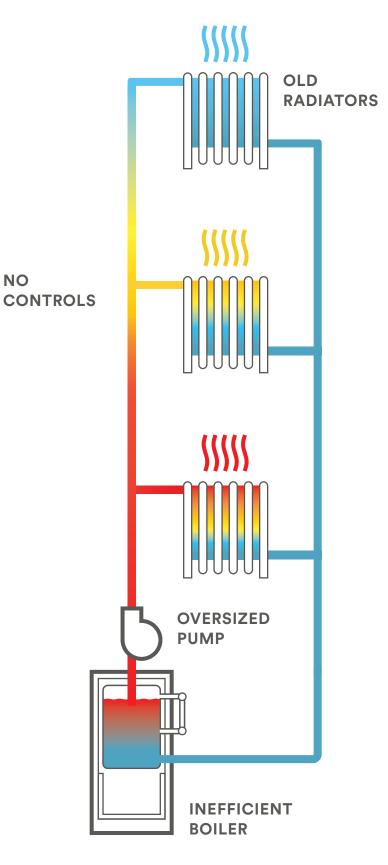


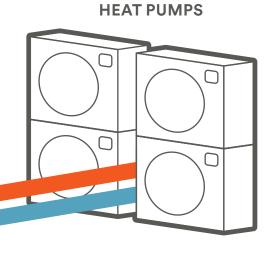
balancing heat delivery

before

An imbalanced steam or hydronic heating system results in spaces that are either too hot or too cold.







Heating Equipment

A fuel-fired boiler or air-source heat pump generates hot water and pumps it through distribution piping to heat spaces using fan coils or other terminal units such as radiators, convectors, or baseboards.

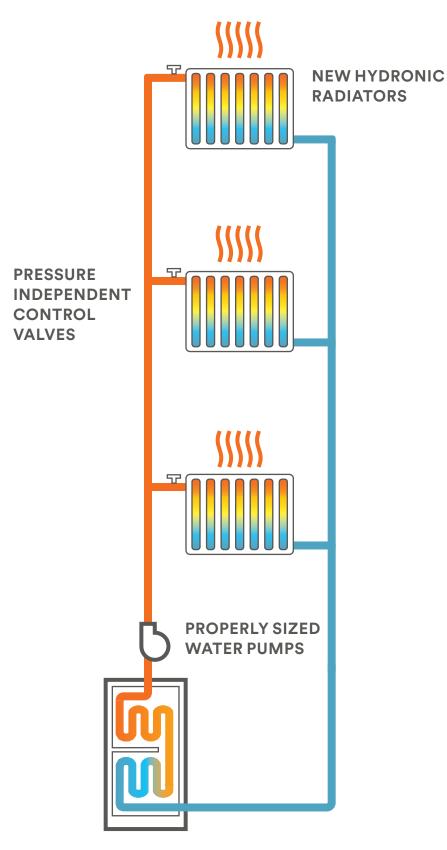
hydronic systems

Hydronic heating systems have many of the same components as steam systems but use hot water instead of steam.

Hydronic systems offer significant advantages over steam heat, including energy savings, greater temperature control, and improved thermal comfort. Converting from steam to hydronic heat can be a relatively straightforward process, as many hydronic systems can repurpose steam systems' pipes. Most hydronic systems are also compatible with high efficiency heat pumps, an alternative to fuel-fired boilers.

after

In a properly balanced system, each floor receives the same level of heat and occupants can adjust room temperatures to match personal preferences. Illustrated below is a balanced hydronic system that includes:



HIGH-EFFICIENCY BOILER OR HEAT PUMP