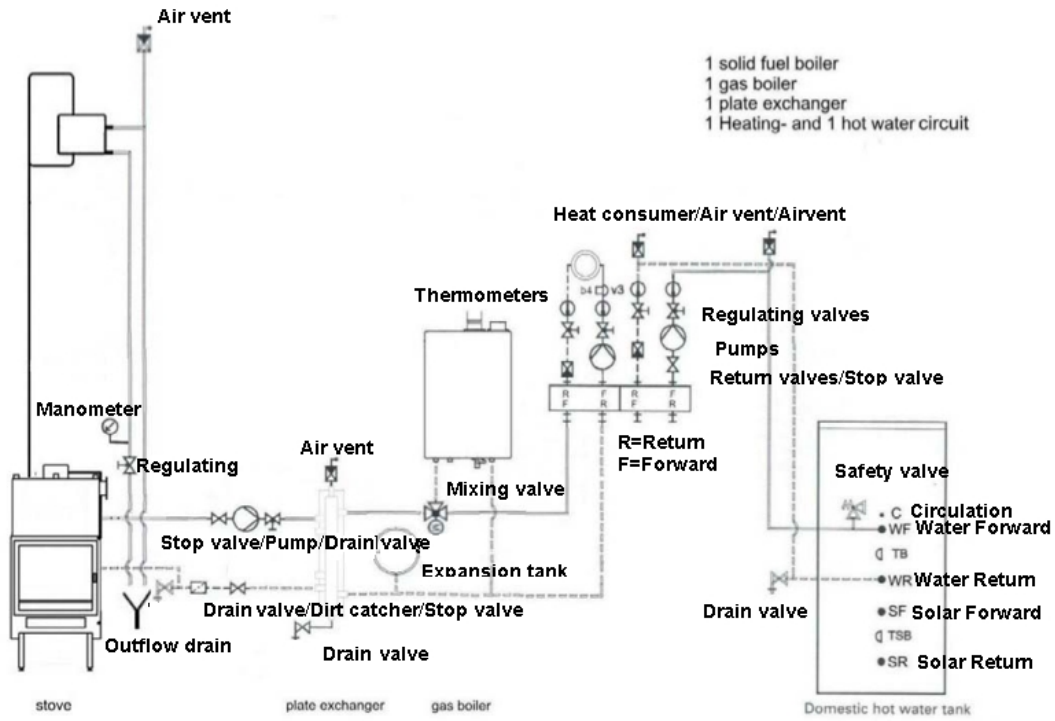


# Dibble Fireplace Boiler Installation

This is the installation recommendation from the manual that we used for the stove installation.

➤ **Connecting to of central heating installation secured with closed arrangement the fireplace.**

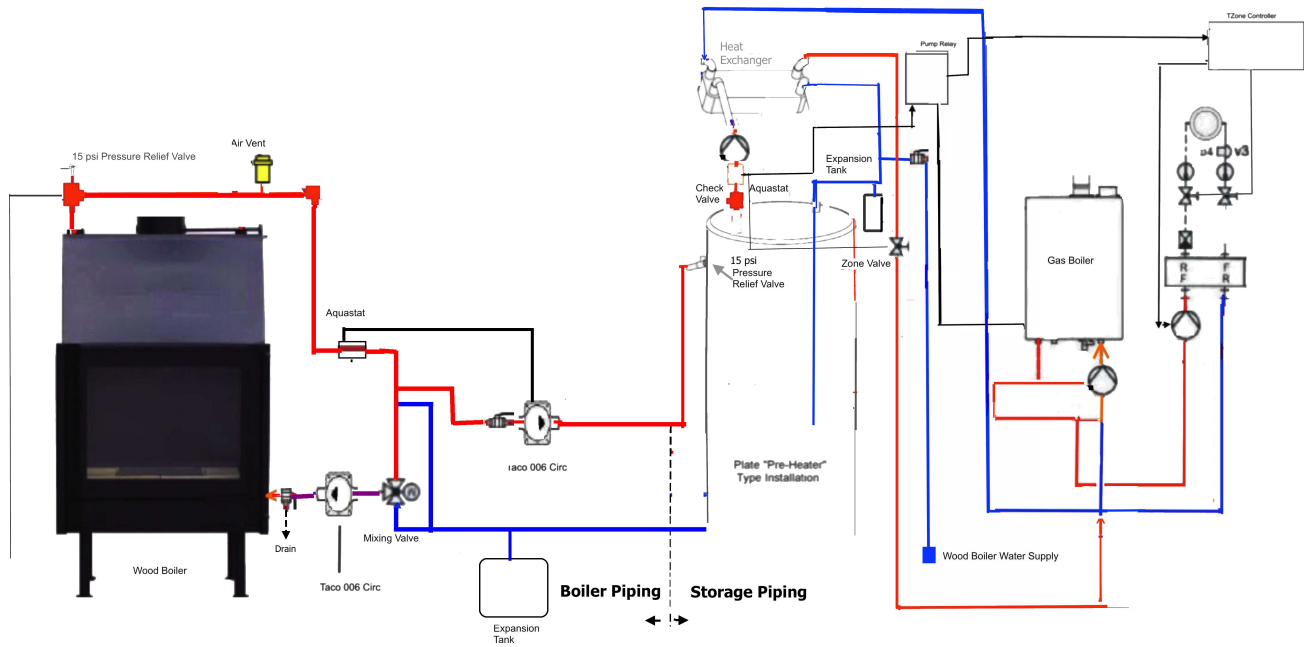


This is a photo of an installed stove.

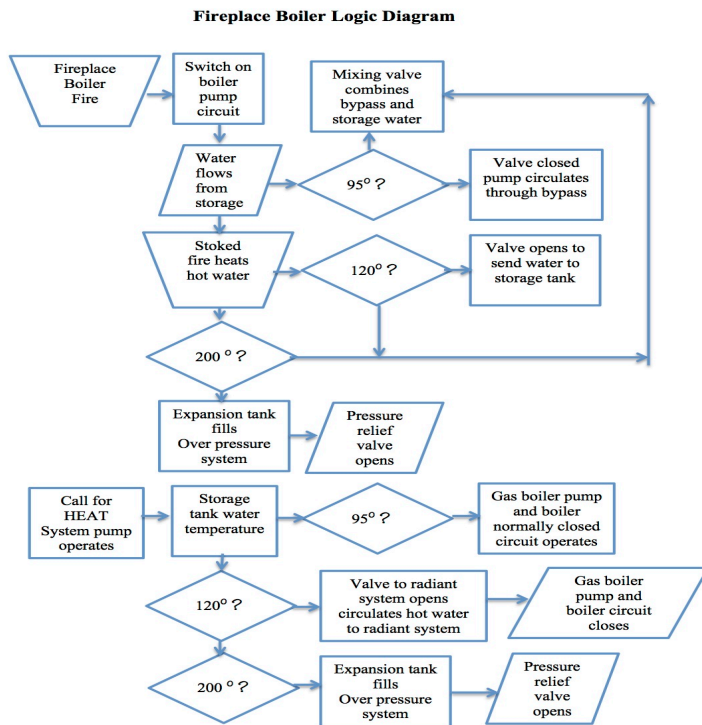


# Dibble Fireplace Boiler Installation

This is our installation diagram.



The “open system” was replaced with a small boiler safety valve set to 15 psi. The stove can operate up to 2 bar and 14.7 psi=1 bar so the valve will open at a safe pressure and the water drains into an overflow tank. The storage tank also has a 15 psi pressure relief valve. I created a logic diagram for the operation of the stove.



## Dibble Fireplace Boiler Installation

The storage tank was removed from the utility room to give the electricians more room to work. Currently the boiler is set up without the storage tank and the heated water from the stove is fed directly to the heat exchanger. I plan to reinstall the storage tank but I can test to see if enough heat is fed to the radiant system without it.

The fresh air feed to the stove goes through the pipe that holds the return water supply. There is a layout of pipes under the floor that are encased in plastic piping. The duct will be reconnected to the pipe in the ceiling that opens to the outdoors before the stove is operated again.



We plan to enclose the stove in a metal stud and stucco “kiva” structure that will hide the equipment but will have a door for access. Here is a concept photo.

