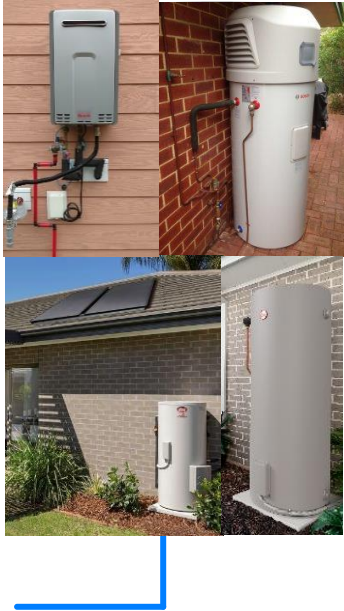


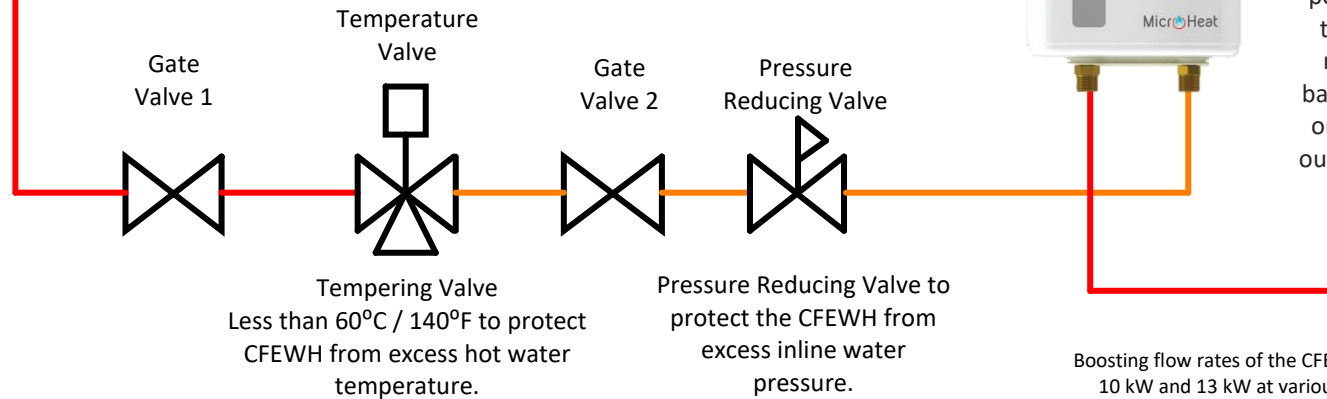
Solar Thermal
Heat Pump
Electric or Gas Tank
Gas Instant



CFEWH Series



INSTALLATION SCHEMATIC WHEN MICROHEAT CFEWH IS USED FOR BOOSTING EXISTING HOT WATER SUPPLIES



Set Temp on CFEWH to 47°C/116°F or lower.
Install in line with hot water supply after existing hot water heater OR at the point of use, where the extra boost is needed - such as bathroom or ensuite or at the hot water outlet at the end of a long run.

Boosting flow rates of the CFEWH 10 kW and 13 kW at various Temperature increases.

Temperature increase	Flow rate - LPM / GPM	
	10 kW	13 kW
7°C / 12°F	17 LPM / 4.5 GPM	17 LPM / 4.5 GPM
10°C / 18°F	14 LPM / 3.6 GPM	17 LPM / 4.5 GPM
15°C / 27°F	9 LPM / 2.4 GPM	12 LPM / 3.2 GPM
20°C / 36°F	7 LPM / 1.8 GPM	9 LPM / 2.4 GPM

How the CFEWH Boosting Solution works:

The unit is installed to boost the available hot water coming from an existing main hot water heater. Boosting will occur when the water temperature from the existing main hot water heater drops below the temperature set on the CFEWH. For instance, if the water coming from the main hot water supply is 40°C / 104°F and the CFEWH is set to 47°C/116°F, the CFEWH will boost the water temperature from the main hot water supply by 7°C / 12°F. When the water temperature from the main hot water heater rises above the 47°C/116°F, the CFEWH simply does not heat. The CFEWH set temperature sets the upper limit of the boosted water temperature. The CFEWH temperature setting is normally set below the temperature of the water expected from the main hot water heater, not higher.

When is CFEWH boosting is needed?

- Are you the second or third person to shower and the hot water has been used up and is not hot enough? A CFEWH boosting solution can be installed to boost the warm water to allow for a nice hot shower.
- Is your heat pump or solar thermal hot water solution just not heating the water hot enough in winter? A CFEWH boosting solution may give the existing warm water a boost that allows for a nice hot shower.

Note: These are guidelines only, actual in property flow rates must be taken into account before making your decision and installations must always be completed following the CFEWH Installation Manual.