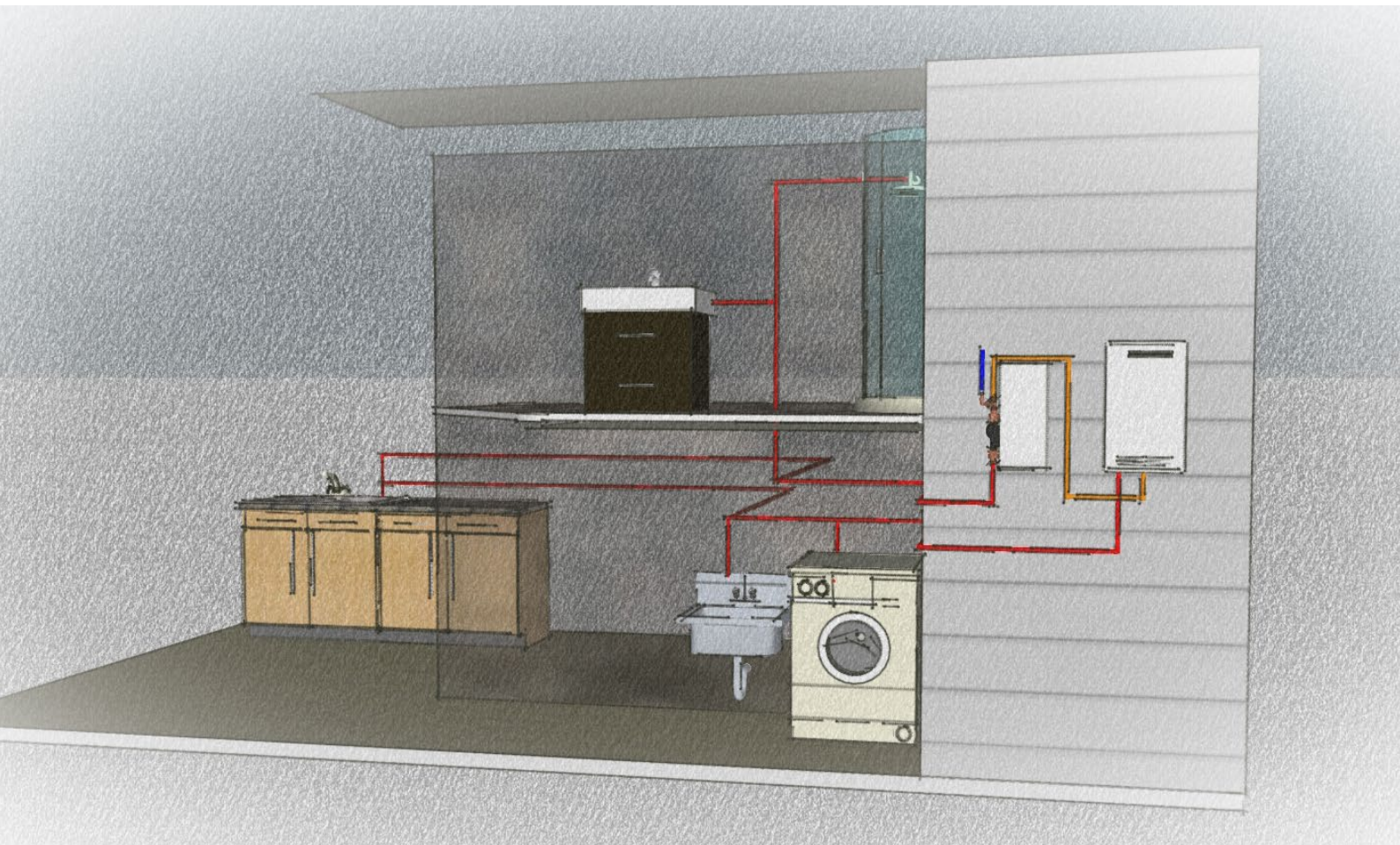


Installation Manual

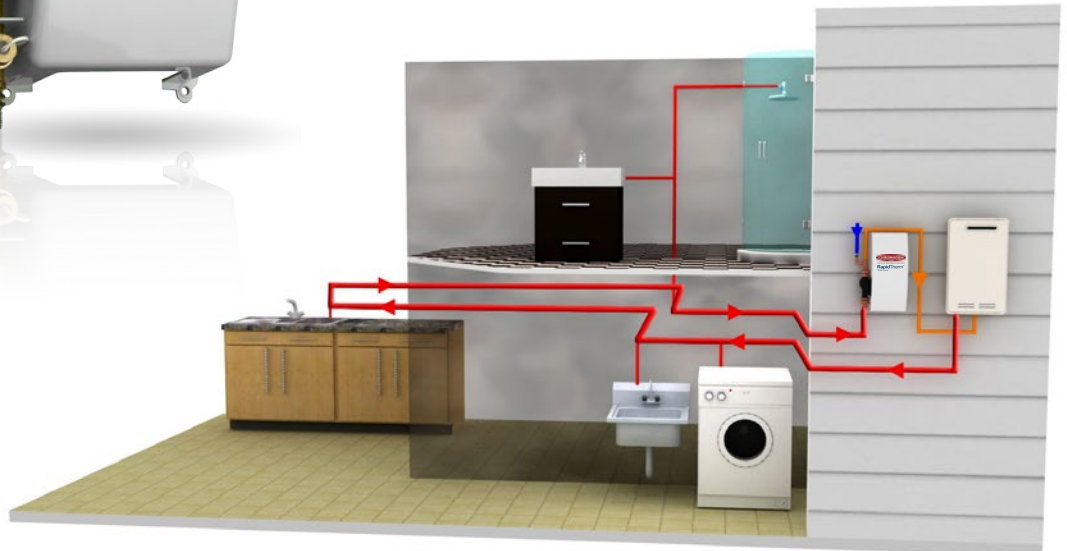


RapidTherm Water Saver & Ring Main Controller

RapidTherm Overview

Congratulations on the purchase of your RapidTherm water saver and ring main controller from Chromagen.

RapidTherm is designed to circulate hot water through a dedicated ring main around the home, supplying hot water in seconds to all your taps.



RapidTherm – How it Works

1. The RapidTherm is plumbed between the water heater and a ring main around the home
2. All hot water outlets for the home are connected to the ring main piping
3. A thermostat in the RapidTherm monitors the temperature of the water in the ring main and activates a circulation pump when only required to heat the water to the desired temperature by keeping hot water closer to every tap
4. The pre-heated water in the ring main piping is then drawn upon when a tap is turned on travelling a much shorter distance than traditional hot water plumbing

WARNING



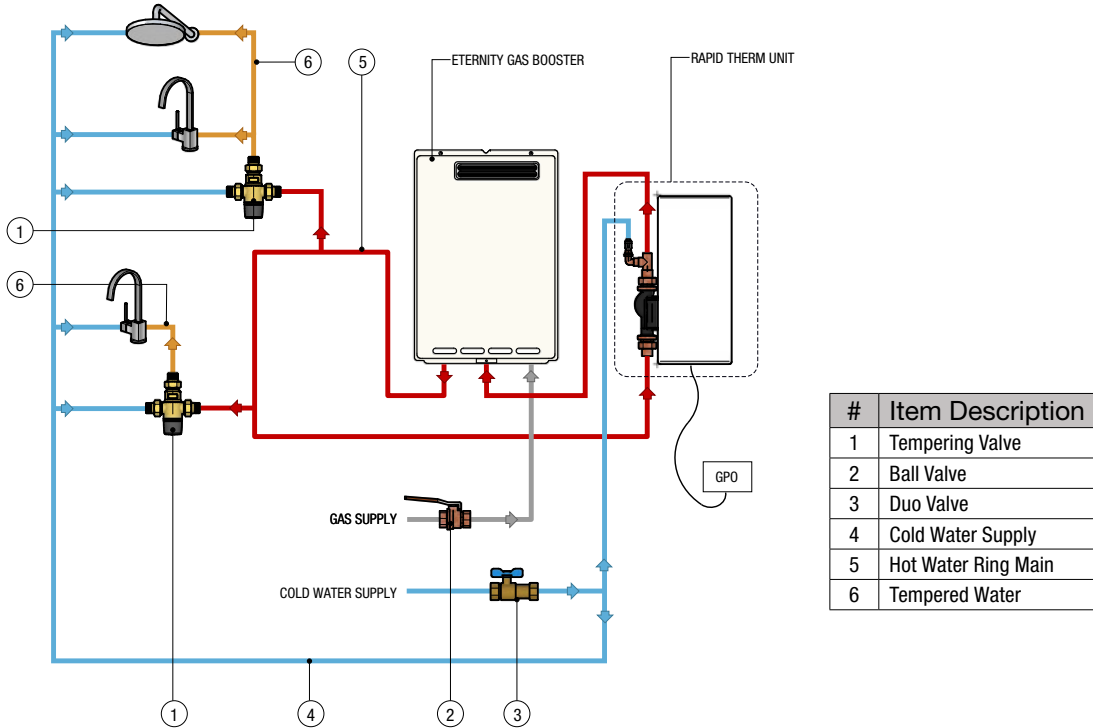
In the case of solar water heaters, the ring main **MUST** be run in COPPER or other suitable & approved high temperature piping, and tempered at EACH branch

Tempering valves must be fitted to all branches from ring-main, solar preheated water may exceed 90°C. Outlets may share tempering valve, i.e. Tempering valve may be used to supply all outlets in a bathroom.

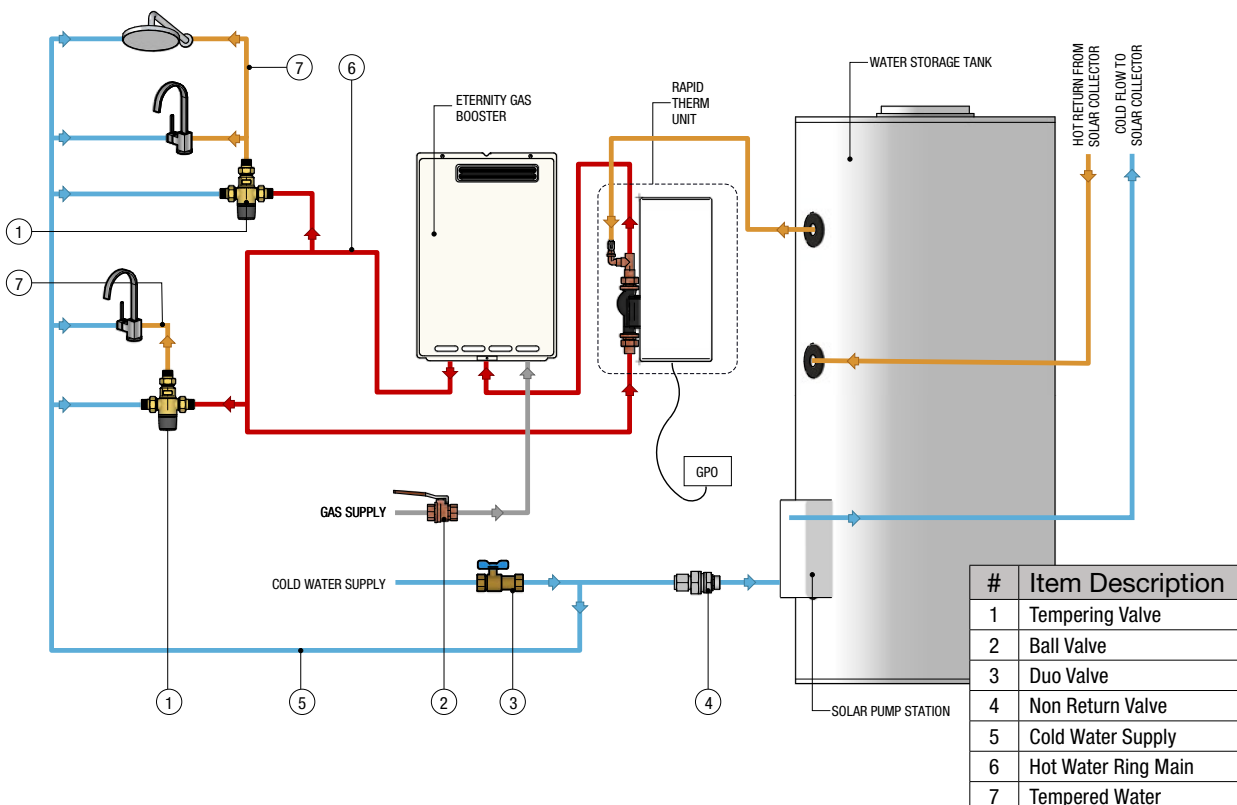
Installation Details

Rapid Therm must be installed as per the diagrammatic instructions below

1. RapidTherm Installed with a Chromagen Eternity Continuous Flow Gas Water Heater



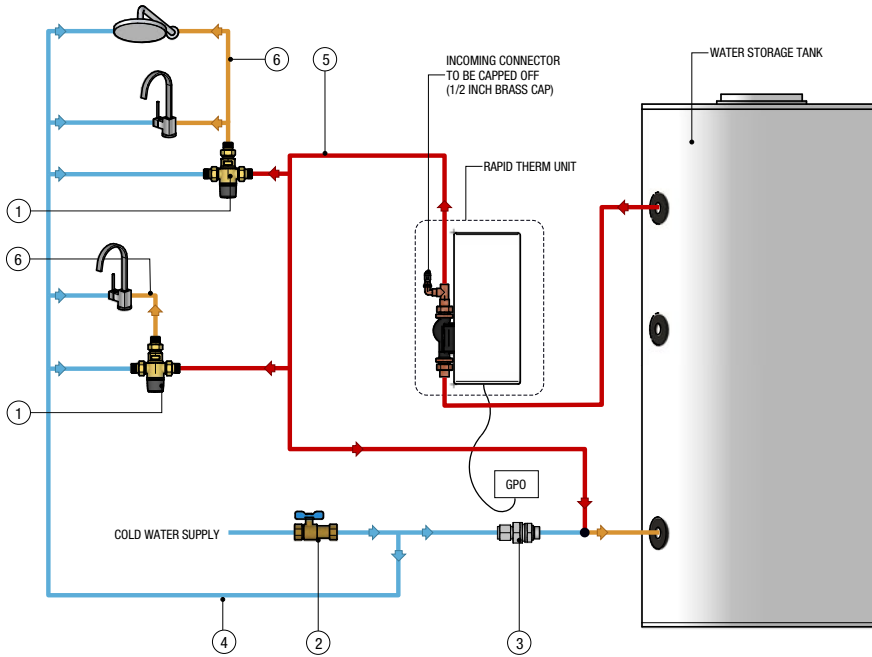
2. RapidTherm Installed with a Chromagen Solar Water Heater





solar & energy solutions

3. RapidTherm Installed with a Conventional Electric Storage Water Heater



| # | Item Description |
|---|---------------------|
| 1 | Tempering Valve |
| 2 | Duo Valve |
| 3 | Non Return Valve |
| 4 | Cold Water Supply |
| 5 | Hot Water Ring Main |
| 6 | Tempered Water |

Technical Information

| Dimensions | Width (mm) | Height (mm) | Depth (mm) | Weight (kg) | Housing Colour | Domestic Warranty |
|-----------------------|------------|-------------|------------|-------------|----------------|-------------------|
| RapidTherm pod | 250 | 430 | 170 | 4 | Beige | 1 Year |

| System Details | | |
|-----------------------|------------------------------|------------------|
| Pressure rating (kPa) | Min. 350 - 1000 | |
| Controller | 50°C ON / 58°C OFF | |
| Installation | In line with existing system | |
| Circulation Pump | Size | DN 15 |
| | Max. flow rate (lpm) | 70 |
| | Voltage / Hz / Phase | 220-240 / 50 / 1 |
| | Current (A) | 0.54 |

Other Quality Products from Chromagen:

Solar Water Heaters | Heat Pump Water Heaters | Gas Water Heaters | Solar Power Systems



Chromagen Pty Ltd | chromagen.com.au | info@chromagen.com.au | 1300 367 565

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