

Rinnai Gas Solar Hot Water Systems

Close Coupled

A close coupled system is where the Storage Cylinder and the Solar Collectors are coupled together and the installation is on the roof.

Rinnai Close Coupled Solar System use a thermo-syphoning principle (i.e. hot water rises because it is less dense) to circulate the water through the Collectors and then to the Storage Cylinder without the need for a pump.

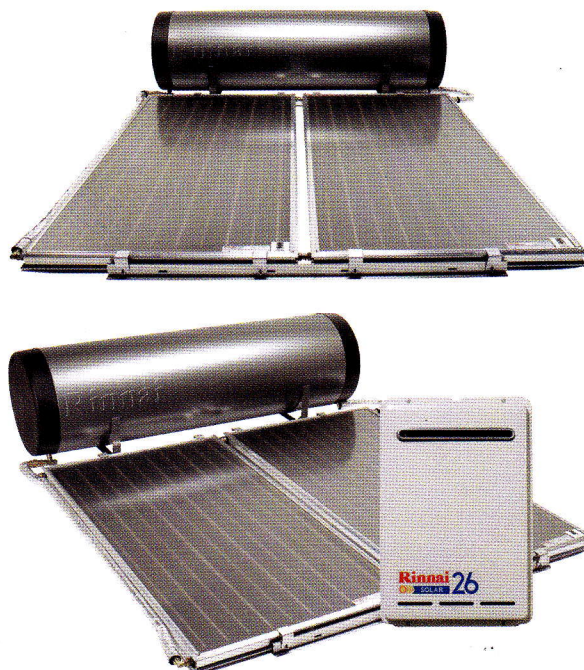
Supplementary heating, more commonly referred to as the gas booster, is provided if insufficient heat is available from the sun (such as during cloudy or rainy weather or during winter months).

Features

- Low heat loss due to greater insulation
- Supplied standard in Titanium colour
- Wide range of Colorbond® colours available including Silver Prestige. Ask your Rinnai Solar consultant for the full colour selection
- Continuous Flow Gas Booster – same technology as the Rinnai INFINITY and available in 2 sizes
- Choice of two selective surface Collectors

Benefits

- Technically very efficient, economical to install and low maintenance
- No recirculating pumps and pipe runs – reducing heat losses and improving running efficiencies
- No electricity required to operate pumps to recirculate the water through the panels
- Space saving in that it eliminates the need for a storage tank at ground level – ideal for courtyard homes or small blocks



Split Systems

A split system is where the Storage Cylinder and the Solar Collectors are split and installed separately.

A solar control unit ensures the water circulates via a pump between the Solar Collectors and the Storage Cylinder. This transfers heat from the Collectors to the water in the cylinder if enough heat is available from the sun. A Rinnai gas booster mounted either on a wall or on the side of the tank, will boost the solar heated water if necessary.

Features

- Rinnai Prestige improved insulation levels
- Streamlined appearance - minimal impact on the aesthetics of your roofline with only the Collectors visible
- Continuous Flow Gas Booster – same technology as the Rinnai INFINITY and available in 2 sizes
- Choice of two selective surface Collectors

Benefits

- Easy installation on roofs
- Split Systems do not require reinforcement of the roof structure, as the weight associated with water storage is at ground level
- Split System Cylinder can be installed internally or externally
- Collectors and the Cylinder do not need to be installed at the same time
- Ideal system for construction of new homes and major renovations

