

# CLOSE COUPLED STAINLESS STEEL SOLAR HOT WATER SYSTEMS

Close coupled Solar Hot Water Systems have the storage tank mounted above the solar collectors. Solar energy heats water in the collectors. Thermosyphon naturally transfers the heated water from the solar collectors into the tank without any moving parts.

## BENEFITS OF SOLAR HOT WATER

Australian electricity is predominantly generated using non renewable and dirty coal fired power stations. As well as electricity they produce carbon dioxide emissions, ash, particles and waste heat, while consuming vast quantities of water and non renewable coal. Solar hot water systems reduce the need for electricity to be generated at all and are part of many major energy reduction programs. Installing a solar hot water system will reduce your electricity usage and your carbon foot print.

## FEATURES OF EQUINOX CLOSE COUPLED STAINLESS STEEL SYSTEM

- Reduction in energy costs to heat the water used in your home.
- Stainless steel hot water storage tank, a material you can trust for cleanliness and long life.
- Lightweight stainless steel tanks allow flexible installation on a wider range of roof designs.
- Available standard in Silver Prestige, plus a wide range of popular Colorbond® coloured outer skins available to match your roof.
- High efficiency collectors to absorb the maximum available solar energy. (collectors also available for frost prone areas)
- Equinox close coupled solar water heaters feature a thermal arrestor valve. The TA valve prevents excessive hot water temperature in the tank on days of low hot water usage or high solar availability, reducing stress on the tank and preventing the safety valve from wasting hot water.
- Designed by Rinnai, a household name in efficient water heating.
- Made in Australia at Rinnai's manufacturing plant with in-line gas boosters made by Rinnai Japan.



## SYSTEM SELECTION

Solar hot water system sizing is based on the number of people in your household as well as the usage. When selecting a system consider whether you have average or high hot water use. If you have a spa bath and/or utilise a lot of hot water for washing, consider selecting a larger system, or adding a collector.

| Model   | Tank | Collectors | Booster                | STCs<br>Enduro/FTC |    |    |    | System Selection |            |
|---------|------|------------|------------------------|--------------------|----|----|----|------------------|------------|
|         |      |            |                        | Z1                 | Z2 | Z3 | Z4 | Average Usage    | High Usage |
| CC181ES | 180L | 1          | 3.6 kW Electric        | 19                 | 20 | 19 | 17 | 3 People         | 2 People   |
| CC332ES | 330L | 2          | 2.4 kW Electric        | 40                 | 43 | 39 | 34 | 6 People         | 4 People   |
| CC332ES | 330L | 2          | 3.6 kW Electric        | 40                 | 43 | 39 | 34 | 6 People         | 4 People   |
| CC181GS | 180L | 1          | S20 Gas <sup>(1)</sup> | 25                 | 28 | 24 | 22 | 6 People         | 4 People   |
| CC332GS | 330L | 2          | S26 Gas <sup>(1)</sup> | 39                 | 43 | 39 | 35 | 10 People        | 7 People   |

(1) Select gas booster to match number of hot water outlets that will operate at the same time.

## STCs & EQUINOX SOLAR SYSTEMS

Performance of a solar hot water system is measured in Small Scale Technology Certificates (STCs). Equinox solar hot water systems deliver a large number of STCs, saving on both up front purchase and on-going energy costs.



## COLLECTORS

All Equinox Stainless Steel Close Coupled Systems are available with Enduro or Excelsior Solar collectors. Both are highly efficient flat plate solar collectors with copper tubes offering the largest possible solar collection area. Enduro and Excelsior collectors are also available in a Frost Tolerant (FTC) version. Select FTC as advised by your Equinox Solar Dealer.

**Enduro Collectors** offer a well insulated aluminium case, solar glass and aluminium finned risers incorporating a black selective surface to collect and retain as much solar energy as possible, resulting in industry benchmark efficiency.

**Excelsior Collectors** offer TiNOX, the latest 'blue absorber surface' European technology that delivers efficiency and a certified performance over its long life.

## BOOSTERS

Boosters bring the solar heated water to final temperature during times of low solar availability and/or excessive hot water use. Equinox offer both electric and gas boosters to match your fuel choice.

**Electric Boosters** heat the volume of water in the tank above the electric element. All close coupled tanks are mid element and capture a significant amount of solar energy.

**Gas Boosters** use the dedicated solar version of the market leading Rinnai INFINITY as an in-line gas booster. Only operating if and when required, in-line gas boosting will never run out.

## COLORBOND® COLOURS

The outer skin of the tank is available in a wide range of popular Colorbond® colours to match your roof. Available standard in Silver Prestige and Platinum Grey. Also available in Colorbond® Dune® Headland®, Manor Red®, Monument®, Pale Eucalypt®, Jasper®, Woodland Grey® and Surf Mist®.

Standard

Also Available in



Colours are representative only and may differ from actual tank colours

## WARRANTY

Tanks - 10 Years\*, Collectors - 7 Years\*

\*For further information on warranty conditions and exclusions please contact your local Equinox Solar Dealer

## WEBSITE

[equinoxsolar.com.au](http://equinoxsolar.com.au)

## EQUINOX DEALER

Contact your Equinox Solar Dealer for further information.

