

Bradford Solar Hot Water Closed Couple System - Electric Boosted



Energy Efficient Endless Hot Water

A close coupled solar system is where the storage tank and the Solar Collectors are coupled together and the installation is on the roof.

Bradford close coupled solar systems use the 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 heat is available from an electric element or a gas booster if insufficient heat is available from the sun (such as during cloudy or rainy weather or during winter months).

- ✓ Low heat loss due to greater insulation
- ✓ Gas or electric booster options
- ✓ Carbon steel tank with a vitreous enamel glass lining to protect against corrosion
- ✓ Thermal Arrestor valve reduces stress on the tank by preventing excessive hot water temperature stored in the tank
- ✓ Technically very efficient, economical to install and low maintenance
- ✓ No electricity is required to operate pumps to recirculate the water through the collectors
- ✓ Saves space on your land as there is no ground mounted tank
- ✓ High performance resulting in high Small Scale Certificates awarded



Model	Number of Panels	Tanks Size	Booster	Booster capacity	STC Zone 3
CCSE2001A-24	1	200L	2.4kW	100L	18
CCSE3002A-36	2	330L	3.6kW	180L	39