

Specifications

Solar Split Systems				
Model		S	E	
		Solar Split Gas Booster	Solar Split Electric Booster	
Panel type		Excelsior (EX) /Enduro (EN)	Excelsior (EX) / Enduro (EN)	
Tank capacity		270L	315L	
Booster		Infinity 20/24/26/32	3.6KW	
Gas Type		TG/LPG/NG	N/A	
Pump kit		Gas Pump Kit	Universal Pump Kit	
All Dimensions in mm	Panel	Enduro (EN)	A (L)	1940mm
			B (H)	1025mm
			Weight	35kgs
		Excelsior (EX)	A (L)	1964mm
			B (H)	1047mm
			Weight	35kgs
	Tank	D	879	N/A
		W	685	685
		H	1265	1265
		Dry weight	75kgs	90kgs

Solar Closed Coupled Systems				
Model		C	E	
		Solar Closed Coupled Gas Booster	Solar Closed Coupled Electric Booster	
Panel type		Excelsior (EX) /Enduro (EN)	Excelsior (EX) / Enduro (EN)	
Tank capacity		180L	330L	
Booster		Infinity 20/24/26/32	3.6KW	
Gas Type		TG/LPG/NG	N/A	
Pump kit		N/A	N/A	
All Dimensions in mm	Panel	Enduro (EN)	A (L)	1940mm
			B (H)	1025mm
			Weight	35kgs
		Excelsior (EX)	A (L)	1964mm
			B (H)	1047mm
			Weight	35kgs
	Tank	D	N/A	N/A
		W	760	760
		H	1265	2080
		Dry weight	80kgs	150kgs



Rinnai Solar Hot Water Systems



Rinnai Solar Hot Water Systems

Close Coupled Systems

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 from the electric element will generally turn on overnight to bring the water up to temperature 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
- 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.

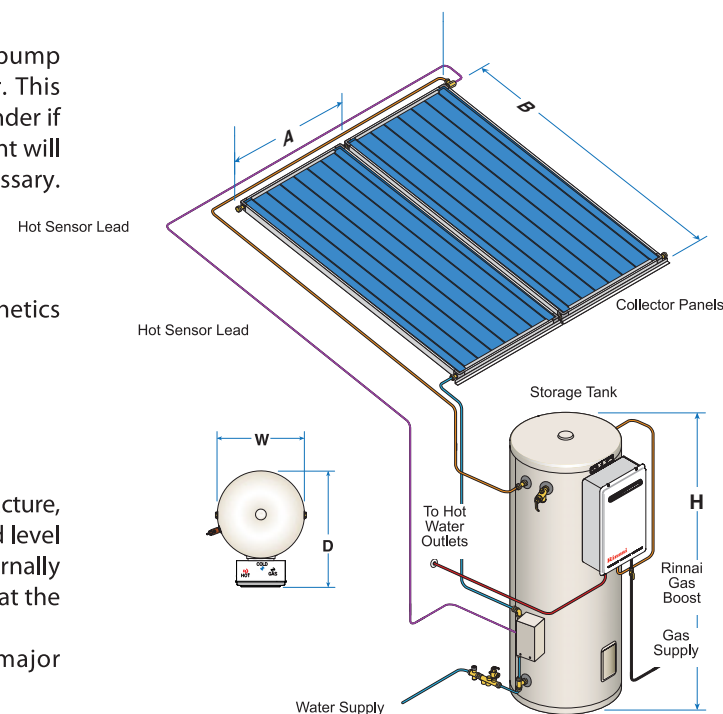
A solar control unit ensures the water circulates via a pump between the Solar Collectors and the Storage Cylinder. This transfers heat from the Collectors to the water in the cylinder if enough heat is available from the sun. The electric element will boost the water stored in the Cylinder overnight if necessary.

Features

- Rinnai Prestige improved insulation levels
- Streamlined appearance - minimal impact on the aesthetics of your roofline with only the Collectors visible
- 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



Solar Collectors

Excelsior Solar Collectors

- Highly efficient all copper Collector with a selective surface maximising energy from the sun
- 10 Riser tubes per panel for effective transfer of the solar energy to heat the water
- Full aluminium casing for corrosion resistance

Enduro Solar Collectors

- Highly efficient aluminium fin solar absorber to maximise efficiency
- 8 Riser tubes per panel for effective transfer of solar energy to the water
- Full aluminium casing for corrosion resistance



Gas Booster

The Gas Booster is usually installed on a wall near the Cylinder and will not activate until the hot water is required.

If it is early morning then the gas booster will be required, but if later in the day, some solar reheating will have occurred. Regardless of whether your hot water is used in the mornings or evenings, gas boosting is the most efficient, convenient and cost effective boost option. Gas boosters operate only on demand and have the additional benefit of never running out of hot water.



Gas Boosting Solar



Electric Boosting Solar