Standard Installation Conditions

Electric Boosted Solar Hot Water

Replacement of:
- Existing External Ground Mounted Electric Storage Hot Water System , or
- Existing Internally Mounted Electric Storage Hot Water System

with an External Ground Mounted Electric boosted solar Hot Water System.

What you can expect

1. Remove and dispose of existing external hot water system/tank. Internal tanks will be drained and isolated and removed where possible, (additional charges may apply for internal tank removal).

2. Installation of a new solar hot water storage tank in the same location as existing external tank/unit.

3. Installation of solar collectors in a suitable location on the roof (ie, roof area must have suitable north, north east or north-west aspect).

4. Connect/install an outdoor (weatherproof) double electric power point if required. Installation of pump and controller and connection to external power point.

5. Installation of tempering valve (set to supply water into the home at 50ºC).

6. Connect to existing hot and cold water pipes, supply and connect pressure relief valve/line to the new storage tank.

7. Aesthetic external installation of insulated copper flow and return pipes from the storage tank to the solar collectors (15m each way or a maximum of 30m). This includes a maximum of 6 meters of pipe capping.

8. Connect hot water tank element to pre-existing power supply (with an allowance of up to 3 meters of electric cable).

9. Provision & installation of mounting base for storage tank if required.

10. Fill solar hot water tank with water and purge air from the system.

11. Supply and install antifreeze valve where required.

12. Supply and install duo pressure reduction and cold water expansion valves as required.

13. Electrics required for disconnection and reconnection.

14. Relevant plumbing and electrical certification.

15. Test hot water pressure, volume and temperature.

Conditions of Standard Installation

1. Installation team, vehicle and equipment must have clear and unhindered access to the external tank location and the roof where the solar collectors are to be mounted.

2. Installations are only available to existing single or double storey homes (ie, not available to homes under construction).

3. Installations are not available to homes with slate or asbestos roofing.

4. The roof area must be structurally sound and large enough to accommodate the solar collectors:
   - Size of each collector is 1.015m x 1.930m
   - Therefore, minimum roof area of 2m x 2m for two collectors and 3m x 2m for three collectors is required (refer to your quote/invoice for product specifications)
   - Weight of collector is approximately 40kg each full, total weight of 2 collectors is 80kg.

5. Where you have selected a hot water service boosted by the same fuel source as your existing hot water service, the price you have paid includes replacement for the same fuel source only (ie. Electric to Electric Boosted).

6. The roof area must have suitable north, north east or north-west aspect to accommodate the solar collectors.

7. House wiring/power supply must be within 3 metres of the location of the new hot water system. (Additional charges may apply for electrical work in excess of 3 metres, (refer to Schedule of Additional Charges).

8. If the existing electricity supply to the unit location is inadequate, an upgrade will be required at an additional cost (see Schedule of Additional Charges).

9. Additional charges apply for installations requiring relocation from the existing unit location/internal to external installation. Where you have advised us in your order that your current hot water service is internally located the price you have paid includes a pre-installation site visit to inspect your premises and written quotation advising of all additional charges that will apply for installation of an external hot water service.

10. Additional charges apply for any installation requirement that falls outside of our standard installation conditions.

11. Any additional fees and charges associated with installations on islands remote from the mainland (eg. barge or ferry costs) will be charged to the customer as an additional cost on the day of the installation.

Schedule of Additional Charges (if required)

Note: If additional charges apply, you will be advised of these before any installation work can proceed.

Service Name	Service Item	Price (including GST)
Roof Stand (2 panels)	Install solar collector roof stand – Flat roof installations.	$462.00
Roof Stand (3 panels)	Install solar collector roof stand – Flat roof installations.	$825.00
Electrical Line Upgrade	Note: Excludes all excavation work if required. Alterations and/or upgrade to existing power supply and wiring.	Quoted Individually
Flow and return (beyond 30 metres)	Supply and fit insulated copper flow and return lines	$20.00 per metre
Relocation of hot & Cold Water Lines	For internal to external installations or relocation of existing tank location. Excludes all excavation work if required.	Quoted Individually
Special Access Requirements	Includes boom lift, cherry picker crane, scaffold etc.	Quoted Individually
Installation on homes with roof pitches between 30 to 45 degrees	Special requirements.	Quoted Individually