



**Installation Conditions for Replacement of an Existing Internal Electric Storage Hot Water System with an External Ground Mounted Electric Storage Hot Water Systems**

**What you can expect**

1. Drain & isolate existing internal electric hot water system/tank.
2. Installation of a new external ground mounted solar hot water storage tank.
3. Installation of a solar collector in a suitable location on the roof.
4. Installation of pump & controller.
5. Installation of tempering valve (set to supply water into the home at 50°C).
6. Connect to existing hot & cold water pipes and connect pressure relief line to the new storage tank.
7. Aesthetic external installation of insulated copper flow & return pipes from the storage tank to the solar collector (10m each way = to a maximum of 20m).
8. Connect/install an outdoor (weatherproof) double electric power point if required.
9. Connect pump to the controller and plug the controller into external power point.
10. Connect hot water tank element to pre existing power supply (note additional charges).
11. Fill solar hot water tank with water and purge air from the system.

**Conditions of installation**

1. Installation vehicle, equipment & installation team must have clear & unhindered access to the house, the internal tank location and the roof where the solar collector is to be mounted.
2. Sufficient space is required outside the house to install the tank.
3. The existing hot water system must be located internally (may be in a cupboard or be in ceiling gravity fed). Service is to drain & isolate existing tank, removal will be an additional charge.
4. Offer available to existing homes only and not available to homes under construction.
5. Offer not available for slate or asbestos roofing
6. The roof area must be large enough & structurally sound to accommodate the solar collector (Size: 2190mm x 1290mm, weight: 51kg).
7. Replacement for same fuel source only (electric).
8. The roof must have suitable north, north east or north-west aspect to accommodate the solar collector.
9. House wiring/power supply must be within 3m of the location of the new hot water system. (Additional charges may apply for electrical work in excess of 3m)
10. Any additional plumbing requirements will be charged to the customer (including running new hot and cold pipes from the new hot water service to the house plumbing) (refer to the table below for charges).
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.

**Schedule of additional charges (if required):**

<b>Component</b>	<b>Rate (incl GST)</b>
Labour	\$143 per hour (2 people)
Insulated copper water pipes (in excess of 20m)	\$38.50 per metre
Removal & disposal of existing internal hot water tank	Quoted individually
Upgrade/alteration to existing power supply	Quoted individually

Lifting device (if required)	Quoted individually
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**Note:** If additional charges apply you will be advised of the charges before any installation work can proceed.