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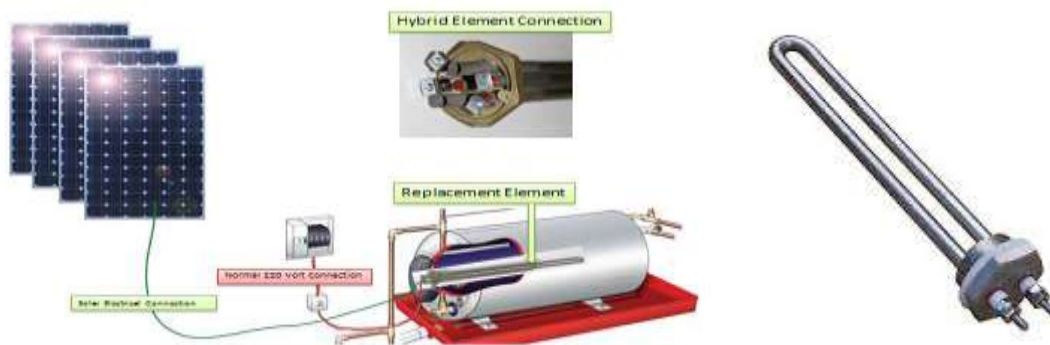
### DUAL ELEMENT SYSTEM

The Silver Solutions Dual Element System is an extremely convenient method to change the hot water system to enjoy solar powered heated hot water.

The Conventional Household Geyser is not removed from the house, only the element is removed and replaced with a dual 220/48 volt solar element.

The element is specifically designed and patented for solar application without any inverter or other complicated control mechanisms.

Photovoltaic ("PV") electrical panels are fitted on the roof and the electrical panels are connected to the PV powered Electrical element in the geyser. This heating element converts electrical power into hot water without any complicated control devices or any modifications to the plumbing of a household system.



- Silver Solutions Dual element system
- The existing Geyser is used making it a low cost installation
- Reduces the electricity bill by 350Kw per month
- No modifications of any existing pipework
- No inverter required - This reduces cost and makes the PV system substantially more efficient.
- No complicated electrical control system required
- Electrical PV systems only require light and for this reason are more effective during cloudy days whereby normal vacuum tube and other hot water systems require direct sunrays to operate effectively.
- Solar panels perform much better under extreme weather conditions and have a life expectancy beyond 25 years, whereas conventional vacuum tube solar systems have a life expectancy of 8 years.
- The unit is equipped with an independent thermostat switch (48 v) from the 220 v thermostat switch, allowing 220 v element to use only at the desired temperature.
- Solar PV electrical panels are allowed in most of the High End Estates where conventional vacuum tube systems are not permitted.
- RDP Housing can also make use of this PV System with the benefit of Solar providing much longer life expectancy, improved water pressure, and the client will be able to connect to Grid power when it becomes available. If you are interested in our Dual Element System, please go to QUOTATION and complete all the mandatory information so that silver solutions can send you a speedy and accurate quotation