



**CONERGY**

**Go Solar Thermal Introduction Program**

## Solar Water Heater Types

- | Thermosyphon (Passive)
  - | Tank and solar collectors are mounted on the roof



## Solar Water Heater Types

- | Split System (Pumped) or (Active)
  - | Tank mounted at ground level
  - | Collectors are mounted on the roof

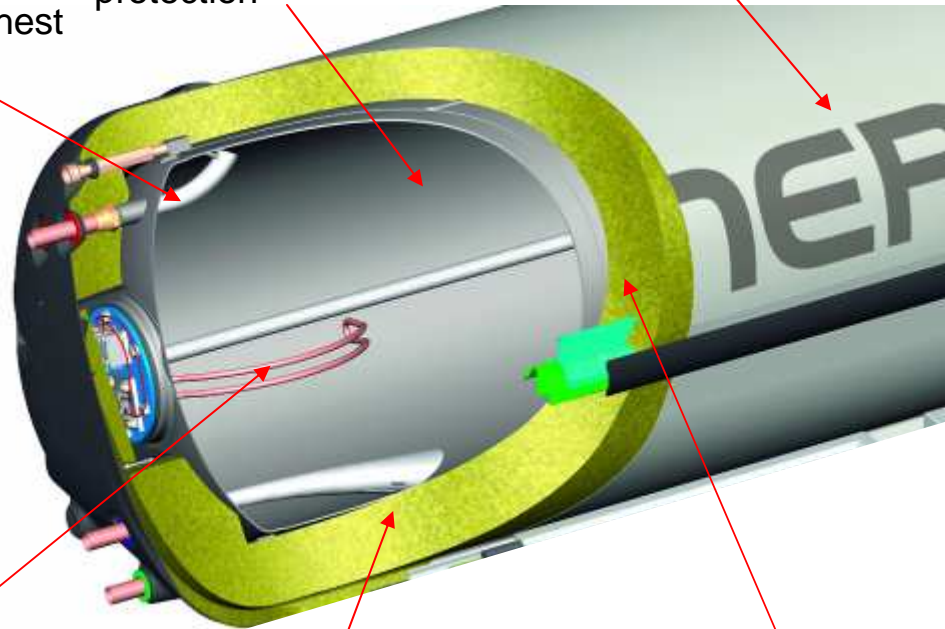


## How are the Conergy TS storage tanks constructed ?

Hot water outlet (scoop) extracts hot water for consumption at the highest point

Enamelled inner tank with magnesium anode ensures maximum corrosion protection

Powder-coated iron outer-case

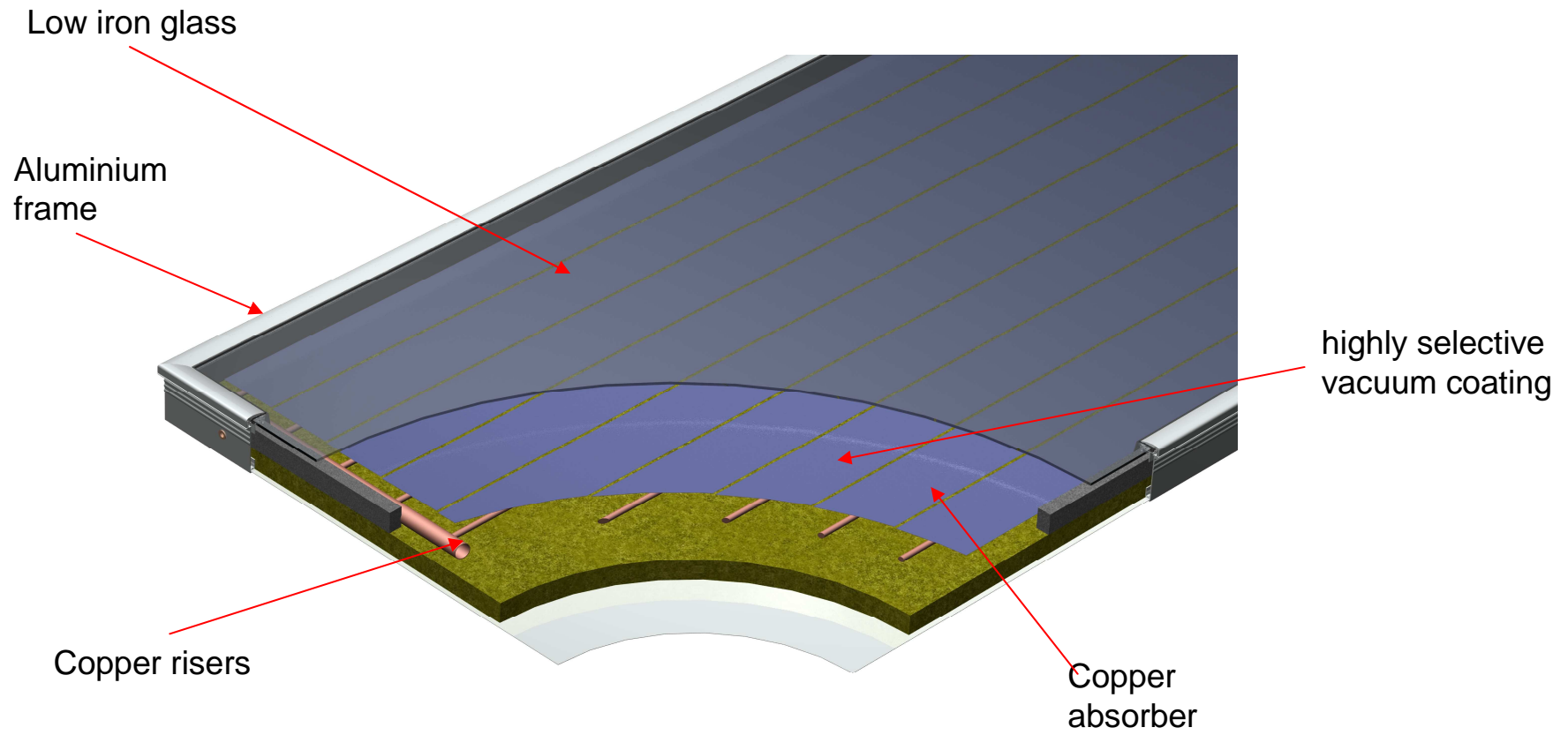


Electronic heating rod ensures a supply of hot water even at high consumption rates and rainy days

Cold water inlet (spreader) allows controlled cold water intake, which ensures natural layering

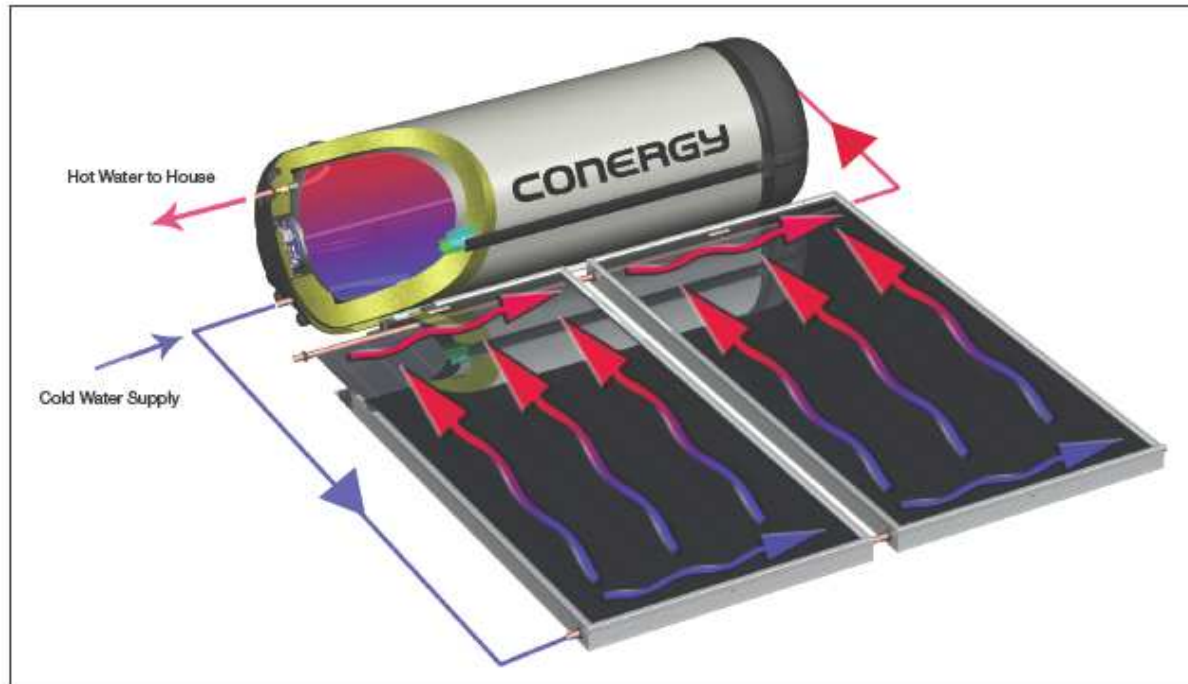
Polyurethane insulation reduces heat losses

# How are the Conergy TS collectors constructed ?



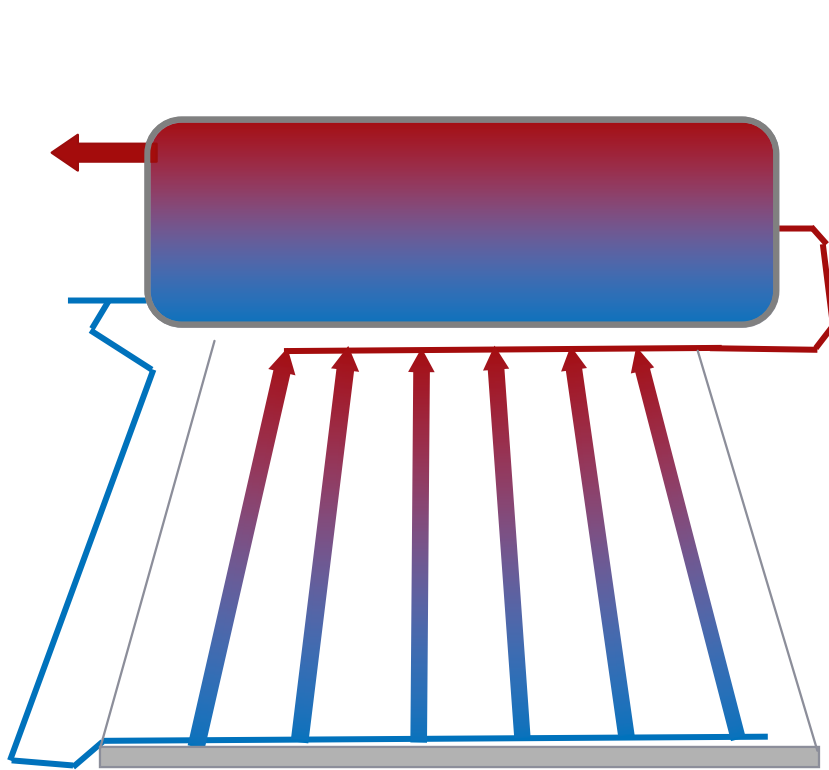
# How does a Thermosyphon System Work

## | Thermosyphon Principle



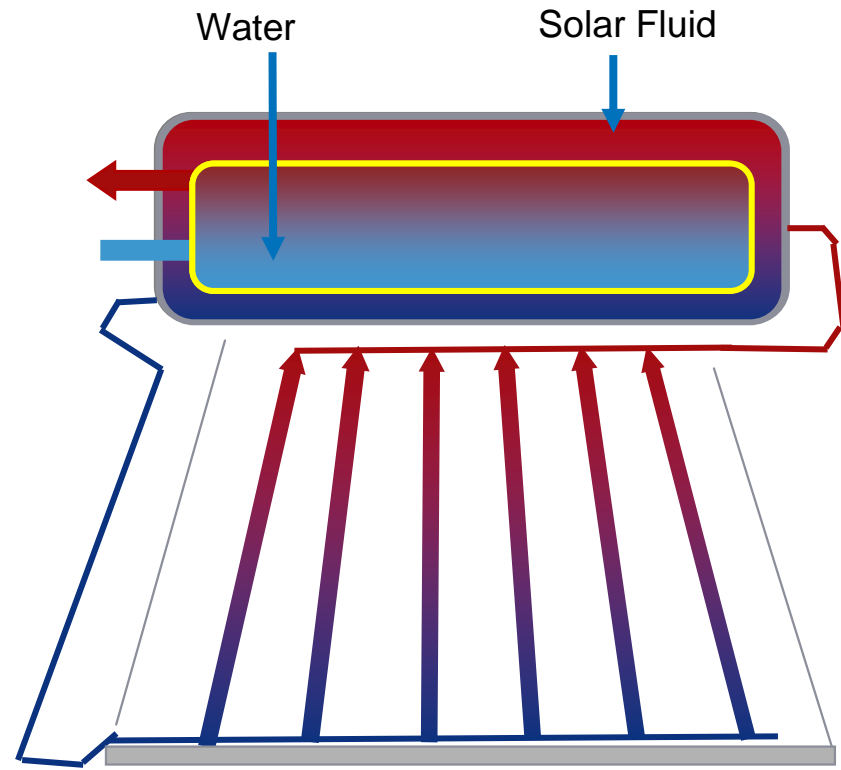
How the water flows through your Conergy TS - Open Circuit System.

## Differences between open and closed systems.



**Open system**

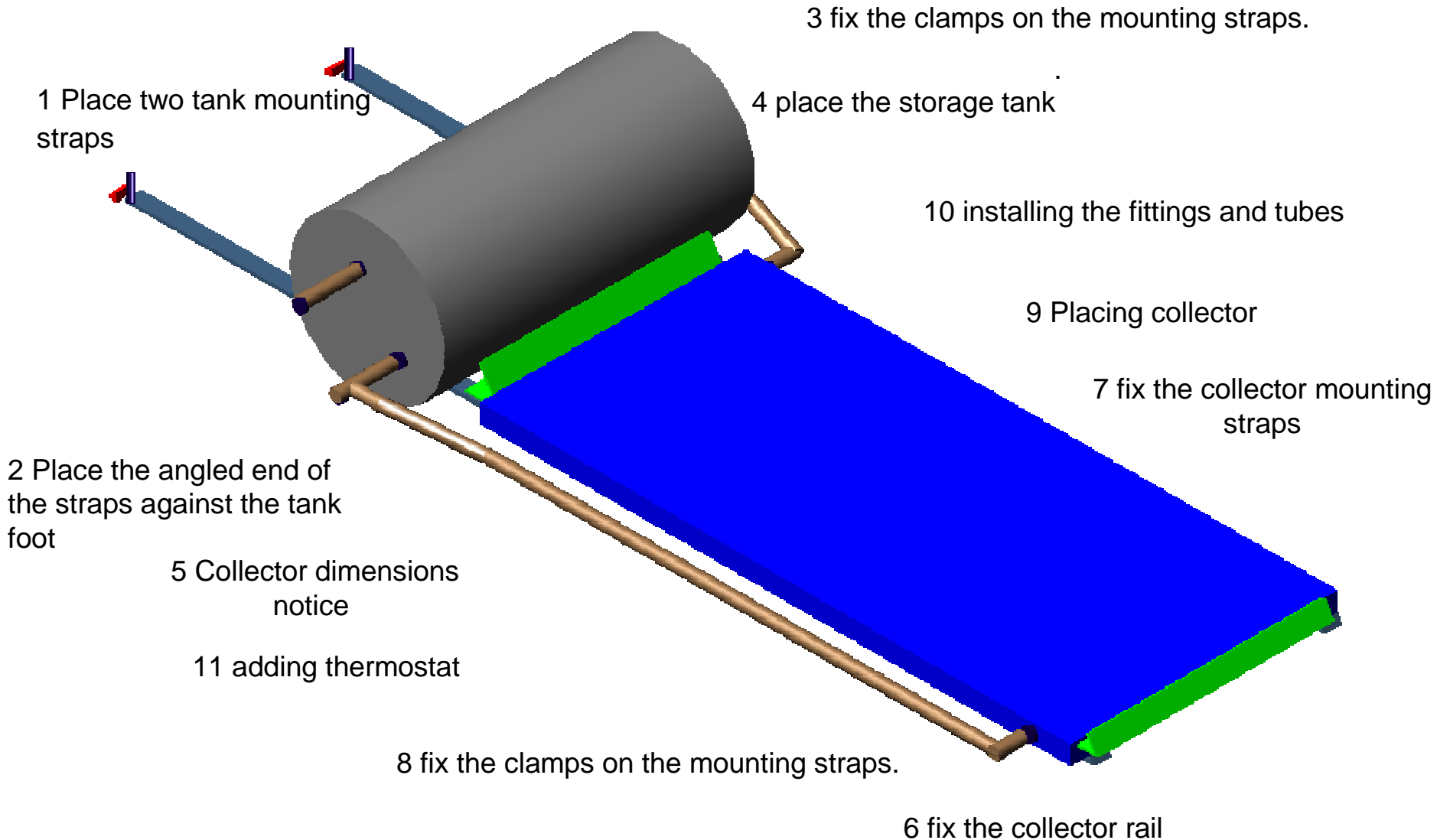
\* potable water runs through the collector



**Closed system**

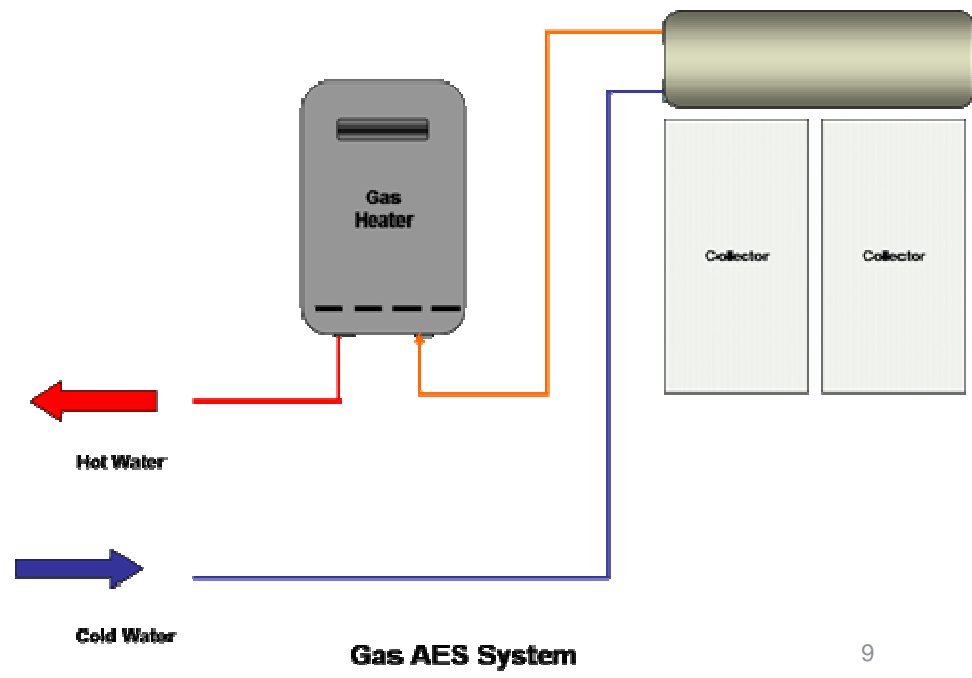
\* potable water doesn't run through the collector

## How will the TS be installed? (On-roof)



# How does a Thermosyphon System Work

- | Boosting Principle
  - | Electric or Gas options



## Components of a Split Solar Water Heater

| Open and closed system tanks



## Components of a Split Solar Water Heater

| Solar Collectors



## Components of a Split Solar Water Heater

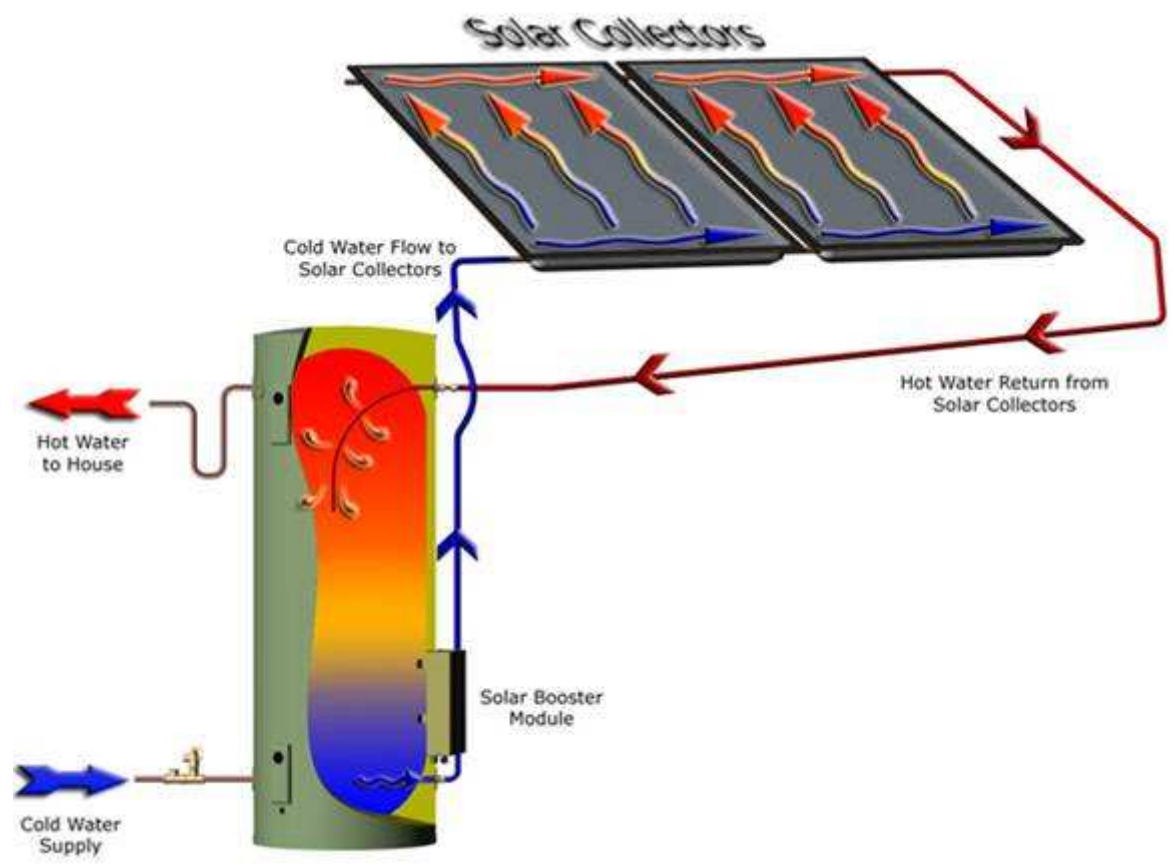
| Pump Module



Pump Module

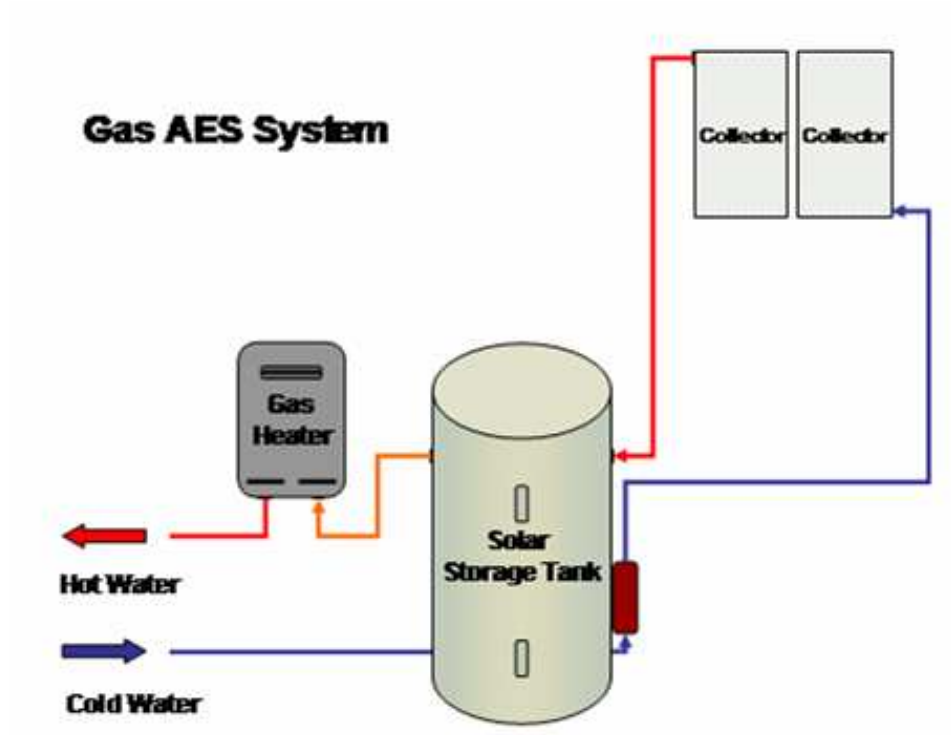
# How does a Split System Work

## | Split System Principle



# How does a Split System Work

- | Boosting Principle
  - | Electric or Gas options



## Sizes, RECS and Rebates

- | 250L Electric Boost Hot water System = 29 RECS
- | 315L Electric Boost Hot water System = 31 RECS
- | 400L Electric Boost Hot water System = 41 RECS
- | 250L Gas Boosted Hot water System = 31 RECS
- | 315L Gas Boosted Hot water System = 40 RECS
- | 400L Gas Boosted Hot water System = 45 RECS
- | **STATE GOVERNMENT REBATE = \$300**
- | **FEDERAL GOVERNMENT REBATE = \$1000**





**FOR MORE INFORMATION OR TO REGISTER PLEASE GO TO**

**| [Reduceyourfootprint.com.au/projects/gosolar](http://Reduceyourfootprint.com.au/projects/gosolar)**



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**Thank you for your attention**