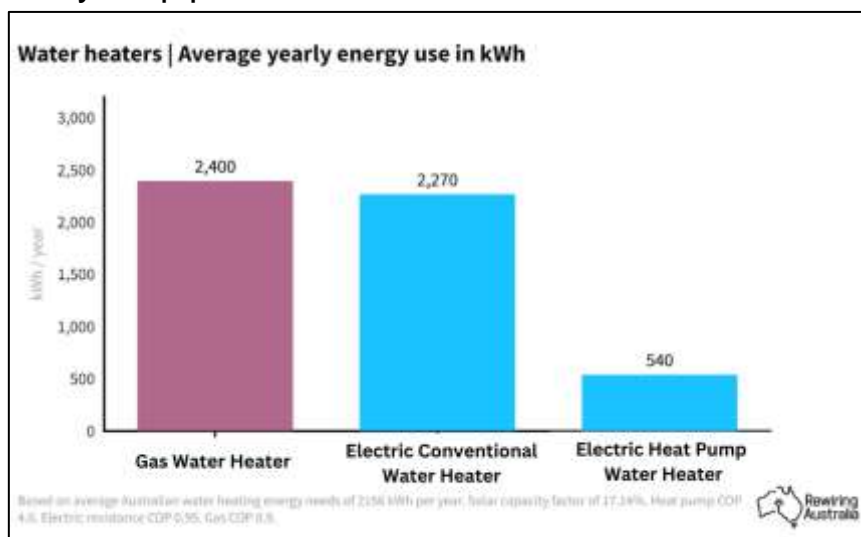


Electric (air source) Heat Pump Hot Water Systems

- 3 - 5 times more energy efficient than conventional electric/gas hot water heating.
- Work similar to reverse-cycle air conditioner.
- Heat is absorbed from the air outside and stored in the water tank.
- Usually have built in timers that enable settings to use solar or cheaper off-peak energy.
- Consider a well-known brand, preferably from a local supplier.
- Select a heat pump with an environmentally friendly refrigerant and one made from recyclable materials

Tips for all hot water systems:

- Adjust a hot water system thermostat.
- Your hot water needs to be stored at above 60 degrees C to prevent Legionella bacteria.
- Heat water during the day to take advantage of solar or off-peak tariff times.
- Your hot water tank acts to store cheap energy from the sun if you have solar panels.
- Using less hot water reduces the energy required to heat your hot water tank.
- Insulate your pipes.



References:

<https://www.rewiringaustralia.org/>

<https://www.yourhome.gov.au/energy/hot-water-systems>