

### Air to Energy

As we shift toward the era of energy independence, with battery storage being the choice for clean power, the iStore offers a cost-effective storage solution as an alternative and reliable storage device.

Further maximise the full potential of the iStore by syncing it with a solar power system. The easy-to-use, built-in smart timer will offset any excess power to the iStore, saving you even more.



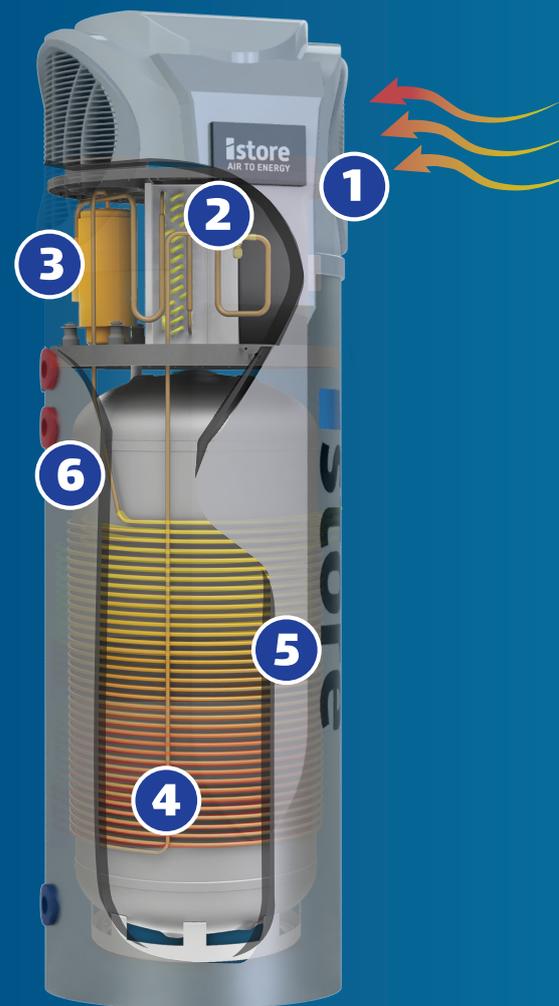
### Why install an iStore

- ✓ Make the most of your solar PV system
- ✓ Most cost-effective energy storage solution on the market
- ✓ Receive STCs (Small-scale Technology Certificates)
- ✓ Generate hot water energy all year round



# How it works

1. A fan draws in air, containing heat energy, across the evaporator
2. The evaporator turns the liquid refrigerant into a gas
3. The compressor pressurises the refrigerant into a hot gas
4. The hot gas inside the condenser coil heats the water inside the coil-wrapped tank
5. The refrigerant reverts back to a liquid after heating the water and continues to the evaporator for the process to start again
6. The cycle continues until the set target temperature is achieved



## The benefits



**Economical** - The iStore boasts 4 intelligent operating modes adapting to all situations, including a hybrid mode for when additional guests are staying in your home and a vacation mode for when you are away on holidays



**Optimal design** - External wrap around heating coil provides maximum thermal energy transfer



**Easy to install** - The iStore is easy and quick to install



**Low consumption** - The iStore consumes approximately 1 kW of power during the air-to-energy process (average household running cycle is 3 - 4 hours = 3 - 4 kWh total)



**Money & energy savings** - For the average Australian household heating water accounts for up to 30% of the total energy usage. The iStore saves you hundreds while saving the planet!

The iStore saves you hundreds while saving the planet!

RUNNING COSTS PER YEAR BASED ON 200L PER DAY CONSUMPTION<sup>^</sup>



Thermal Energy is captured from the surrounding air and is used to heat the tank water

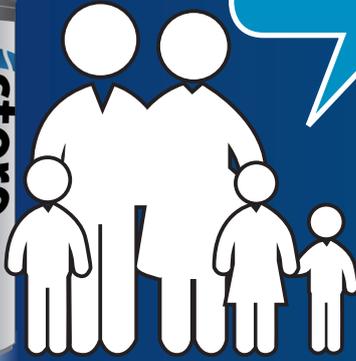


The iStore uses advanced technology to store 4kW of heat energy for every 1kW of power consumed.

That's a remarkable 400% transformation of green energy you can use to power your home's hot water needs, while lowering your greenhouse carbon emissions.

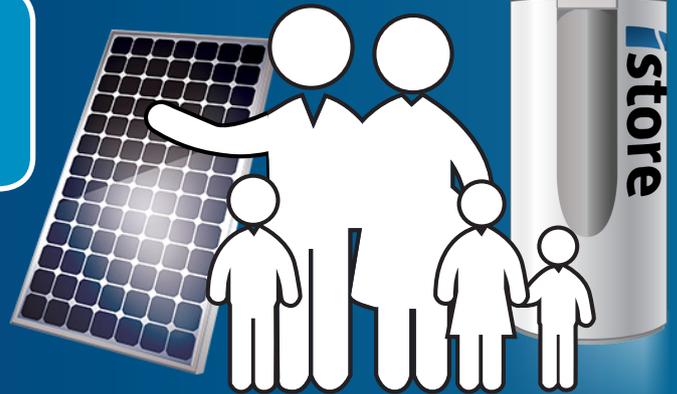
The ingenious design of the iStore makes it one of the most efficient hot water storage solutions on the market.

# The results speak for themselves



A family of 5 installed an iStore - Air to Energy system and **saved \$212.64** on their November '18 energy bill~

They then added solar panels with their iStore & **saved \$444.44** on their February '19 energy bill~



Billing Period	Billing Days	Daily Usage	Total Usage	Total Bill Cost
OCT '18	59 days	27.4 kW	1614	\$518.14
NOV '18	57 days	17.2 kW	982	\$305.50
<b>FEB '19</b>	<b>67 days</b>	<b>6.9 kW</b>	<b>461</b>	<b>\$73.30</b>

~Individual savings may vary



PARTS & LABOUR INCLUDED

\* 14kWh is the average power consumption used by standard 270L electric hot water systems.

^ Tariffs based on WA pricing, \$0.25 per kWh for electricity, Natural Gas price of \$0.0351 c/MJ & LPG price of 1.25 \$/L. Actual savings may vary on household usage, solar power system and climate conditions.