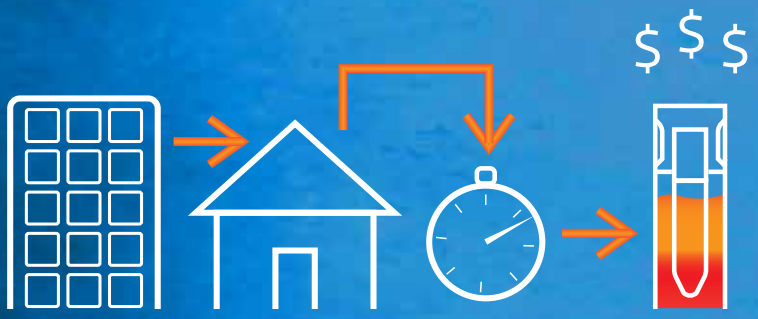
istore
AIR TO ENERGY

180L
ENERGY STORAGE HOT WATER

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.



- 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

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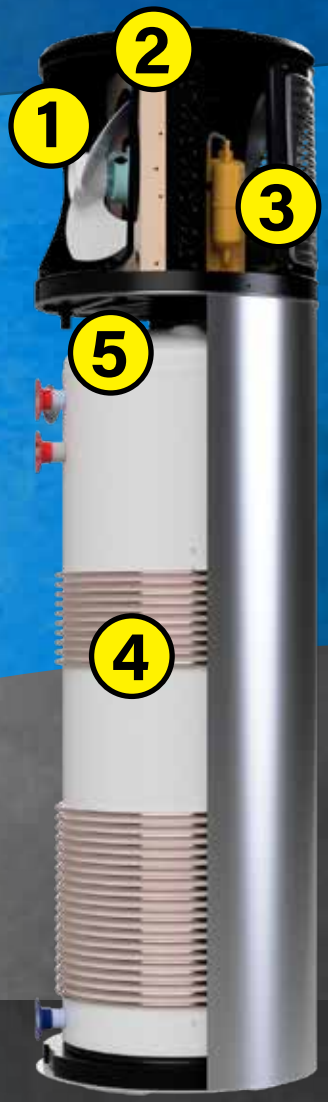
HOW IT WORKS

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



Some very cool benefits & features

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!

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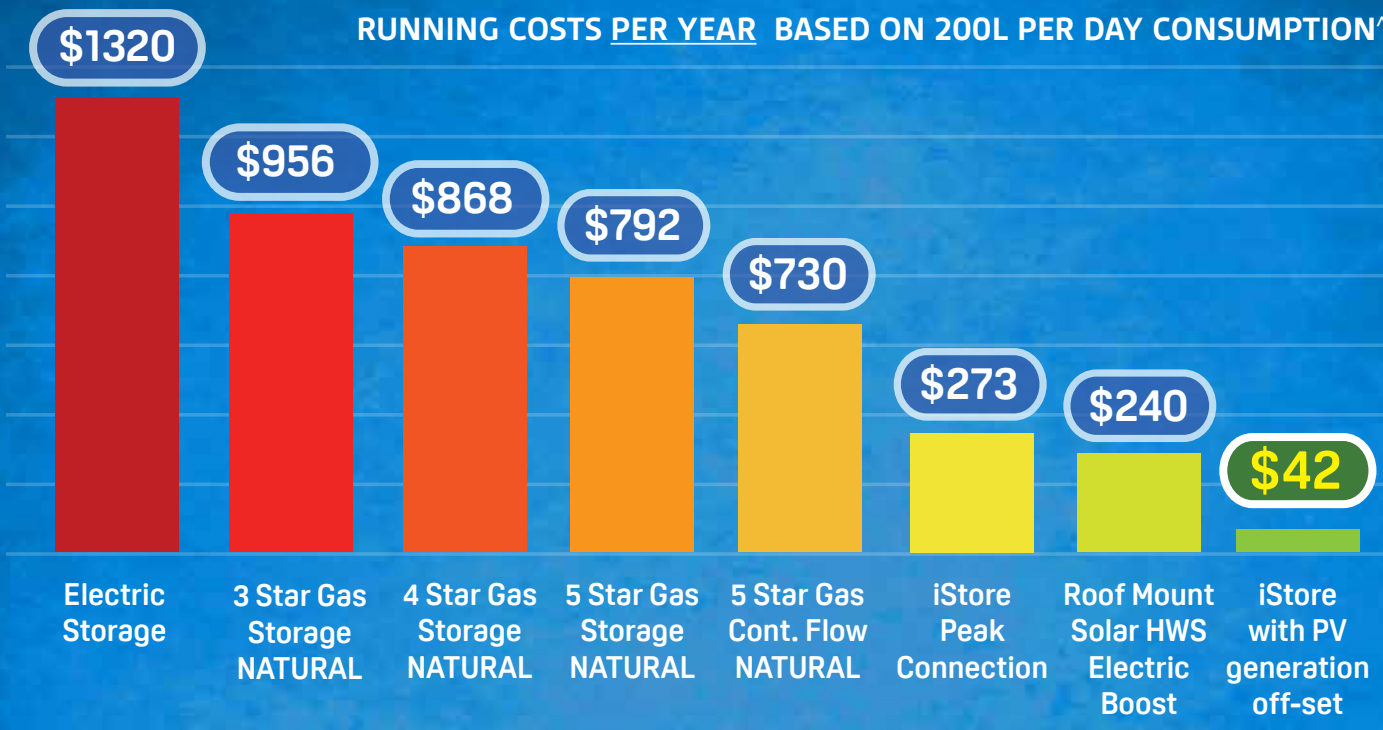
SAVE HUNDREDS WITH iSTORE

RUNNING COSTS PER YEAR BASED ON 200L PER DAY CONSUMPTION^



0.5kW POWER IN



2.0kW OF HEAT ENERGY

INCREASE OF **400%** GREEN ENERGY

The iStore uses advanced technology to store 2kW of heat energy for every 0.5kW 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.

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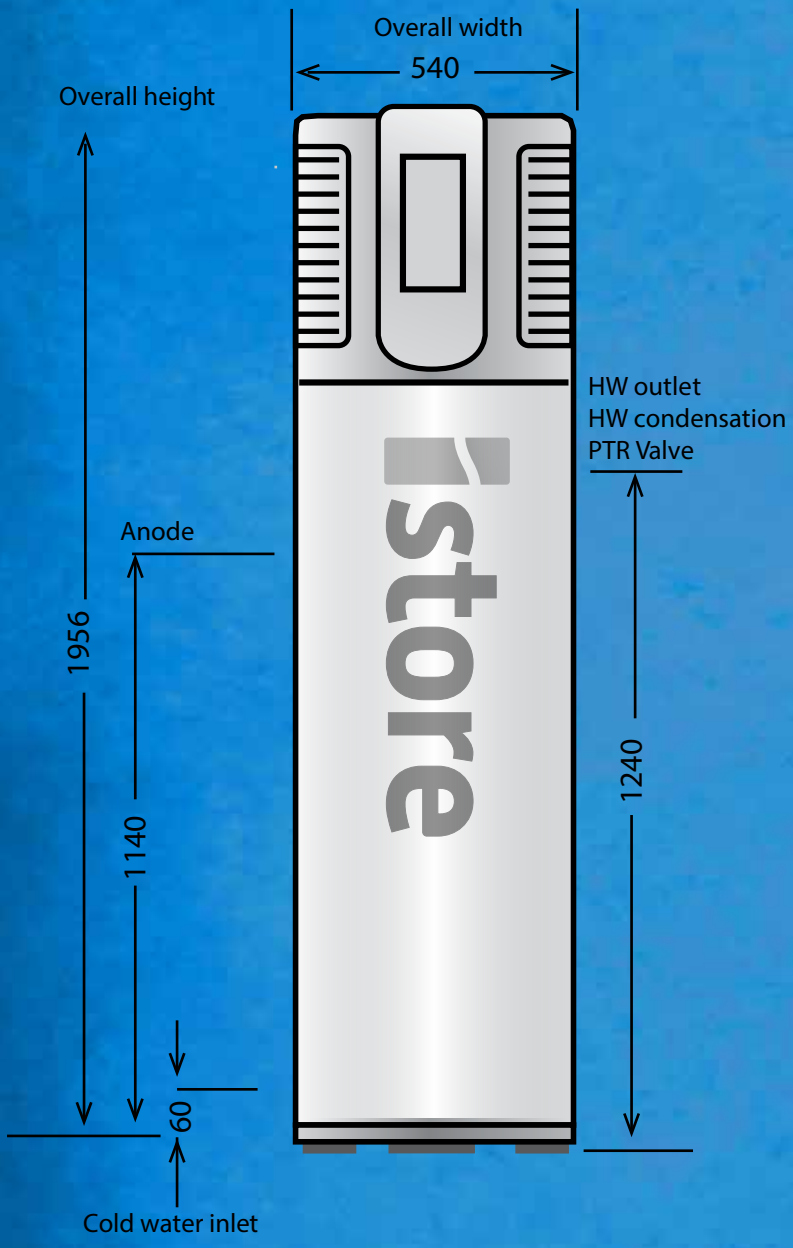
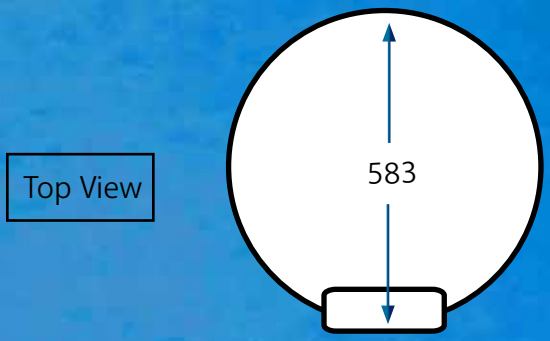
SPECIFICATIONS

Unit: mm





Dimensions	
Height	1956 mm
Diameter	540 mm
Height to water inlet	60 mm
Height to water outlet	1240 mm
Hot water condensation	
Height to PTR valve	
Height to anode	1140 mm
Net weight (empty)	93kg

Warranty Information	
Cylinder	5 years
Refrigeration & electrical	2 years

Zone	1	2	3	4	5
STC's	25	26	30	32	31
Energy Savings (%)	73	74	72	70	73

AN INITIATIVE BROUGHT TO YOU BY :

NET ZERO CARBON & ENERGY

one green solutions energy waste water

OceanBreeze AIR CONDITIONING & ELECTRICAL

good earth group

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