

TECHNICAL SPECIFICATIONS

	Atmos Air 180	Atmos Air 270
Water Tank Volume (Litres)	180	270
Heating Capacity* (kW)	1.7	3.6
Heating power Input (kW)	0.43	0.94
Coefficient of Performance (COP)	3.95	3.82
Maximum Water Temp. (°C)		60
Maximum Thermostat Setting (°C)		75
Refrigerant		R134a
Power Supply		220-240V/50Hz/1Ph
Rated Current Input (A)	10.4	13
Water Inlet/Outlet Connections (Inch)	Rp 3/4	
Water Tank Max. Pressure (kPa)	1000	
Tank Relief Valve Setting (kPa)	850	
Noise	45dBA	
Heat pump recovery rate (L/h*)	38	77
Heat Exchanger	Copper	
Dimensions HxW (mm)	540x1945	640x1955
Packaging Dimensions HxW (No Pallet)	640x640x2030	720x750x2030
Net Weight (kg)	93	129
Operating Ambient Temp. (°C)	-5 to +43	

*Testing at ambient temp.: 20/15°C (Dry Bulb/Wet Bulb) and ambient temp. from 15°C to 55°C for water heater operation. Maximum water temperature heating 75°C

Distributor & Dealer

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 **Solahart®**
HOT WATER *Free* FROM THE SUN®

SOLAHART ATMOS-AIR HEAT PUMP

RENEWABLE WATER HEATER

Get renewable hot water
365 days a year.

-  Energy-efficient
-  Quiet Operation
-  Reliable Hot Water



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SOLAHART ATMOS-AIR HEAT PUMP

RENEWABLE WATER HEATER 180L & 270L



Since 1953, Solahart has been Australia's solar pioneer. We've built a reputation as a world leader in solar innovation and technology, installing over one million solar hot water systems in over 70 countries around the world. Solahart Atmos-Air Heat Pumps make great sense when replacing your old electric water heater if your home is not suitable for solar hot water for a variety of reasons. Heat pumps use the surrounding air, not the direct sun, to heat your water, and are a reliable, efficient way to reduce your water heating energy consumption and help you lead a more sustainable life.

BUILT TO LAST

Solahart Atmos-Air Heat Pumps are specially designed with multiple inbuilt protective features including a side fan design, a durable top cover, enamel lined water tank and copper pipes.



Enamel Lined Water Tank

The enamel coating and steel plate technology reduce the risk of corrosion and water leakage, ensuring high water pressure is maintained for years.



Copper Coil-Around-Tank Technology

Copper coil provides prolonged life and maximum heat transfer efficiency.



Side Fan Design

The side fan design is specially developed to protect the unit from heavy rain frequently experienced in tropical climates.



Durable Top Cover

With its durable plastic top cover, the unit can easily withstand all weather conditions.

USER-FRIENDLY SMART CONTROL

Every Solahart Atmos-Air Heat Pump comes with an inbuilt touch LCD display. It is user-friendly and boasts a range of operation modes and settings to ensure the lowest energy consumption.



Vacation Mode

Saves energy when you are on holidays



Eco-Heating

Smart heating to save energy



Boost Mode

For emergency hot water requirements



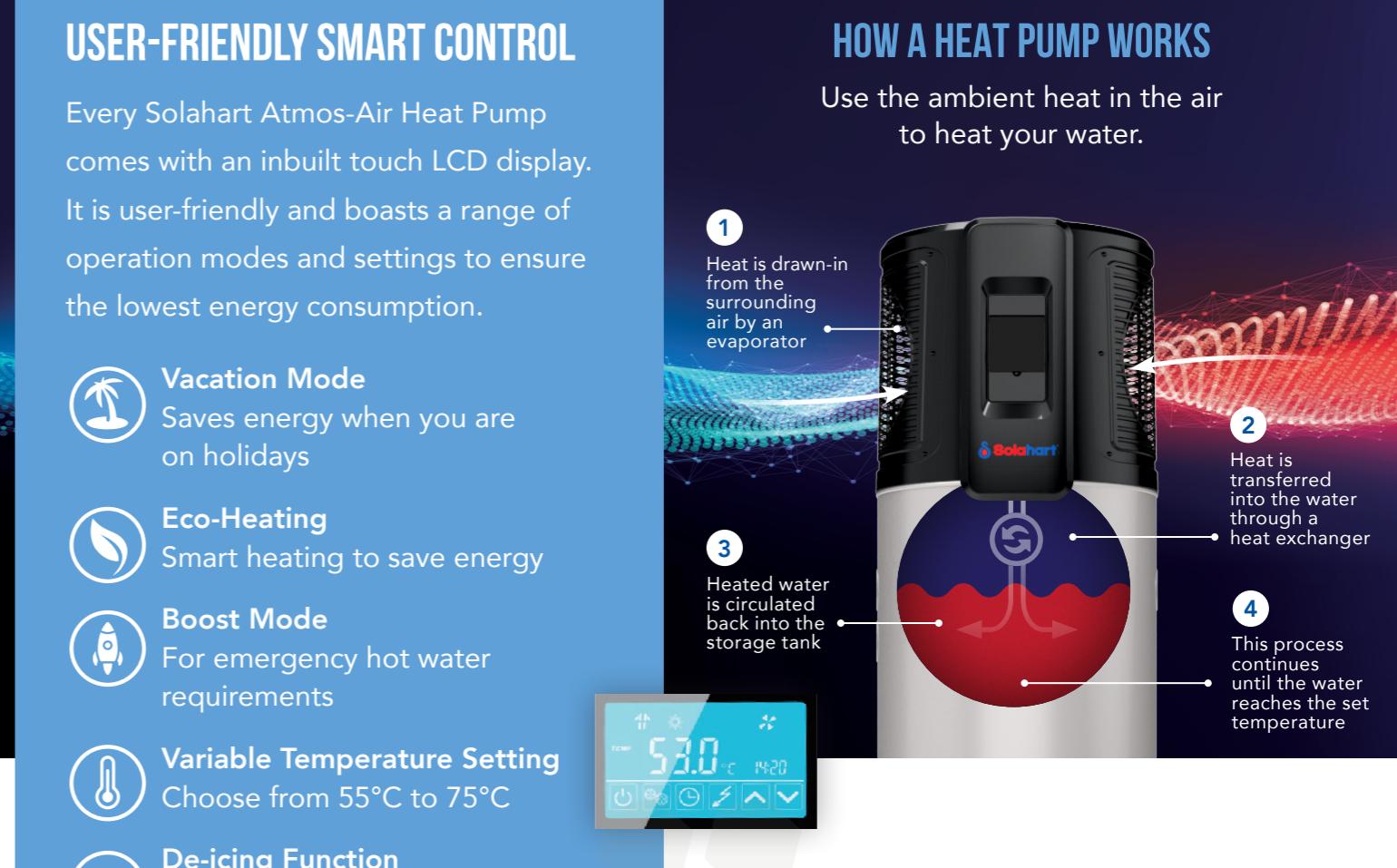
Variable Temperature Setting

Choose from 55°C to 75°C



De-icing Function

Automatic de-icing in frost conditions



HOW A HEAT PUMP WORKS

Use the ambient heat in the air to heat your water.



WHISPER-QUIET OPERATION

Solahart Atmos-Air Heat Pumps use a dedicated world-class compressor for increased reliability and silent operation (45dBA).



AUXILIARY HEATING FOR FROST CONDITIONS

With a supplemented heating source, Solahart Atmos-Air Heat Pumps guarantee hot water all year round, even in the middle of winter.

GREATER EFFICIENCY FOR GREATER SAVINGS

By installing a Solahart Atmos-Air Heat Pump, you could substantially reduce your hot water energy use, saving you money on your energy bills.

Smart Control EEV

The smart control Electric Expansion Valve (EEV) accurately controls the refrigerant volume to ensure the unit performs to maximum efficiency.

COP 3.8

Due to its advanced technology, a Solahart Atmos-Air Heat Pump can reach a Coefficient of Performance (COP) of 3.8 making it a highly-efficient water heater to help reduce energy consumption.

Hot Water Up To 75°C

With the capability of producing hot water up to 75°C, the water heater can store more hot water, ensuring a constant supply even in periods of high demand, without the need for a larger water tank.