

SOLAHART ATMOS-AIR HEAT PUMP

RENEWABLE WATER HEATER

Get renewable hot water
365 days a year.

- ✓ Energy-efficient
- ✓ Quiet Operation
- ✓ Reliable Hot Water

Solahart Atmos Heat Pumps have proven to be a smart choice for Malaysians who may not be able to go solar but are looking for an energy-efficient alternative to an electric water heater.



GET SMART
GET SOLAHART

 **Solahart**[®]
HOT WATER *Free* FROM THE AIR

SOLAHART ATMOS-AIR HEAT PUMP

RENEWABLE WATER HEATER 270 LITRES



The Atmos Air Series Heat Pump is a smart, energy efficient alternative for areas where solar water heater may not be suitable for a variety of reasons. It uses one of the most abundant renewable energy sources, heat from the air to provide hot water for your family.

The Atmos Air will extract energy from the surrounding air by work on day or night, in sunshine and rain, all year round. The installation of heat pump is quick and easy. Atmos Air can usually be installed in the same location as an outdoor electric water heater and connected up to the existing plumbing and electrical connections, making it a great replacement for an existing water heater.

It is also equipped with an electric booster designed to operate only in very cold conditions. The ceramic lined tank has a protective sacrificial anode.

WHY ATMOS-AIR IS A SMART CHOICE?



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.



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 up to 60% - 65% of water heating 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.


WHISPER-QUIET OPERATION

Solahart Atmos-Air Heat Pumps use a dedicated world-class compressor for increased reliability and silent operation (48dBA).

AUXILLARY 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.

TECHNICAL SPECIFICATIONS

	 Atmos Air 270
Water Tank Volume (Litres)	270
Heating Capacity* (kW)	3.6
Heating power Input (kW)	0.94
Coefficient of Performance (COP)	3.82
Maximum Water Temp. (°C)	60
Maximum Thermostat Setting (°C)	75
Refrigerant	R134a
Power Supply	220-240V/50Hz/1Ph
Rated Current Input (A)	13
Water Inlet/Outlet Connections (Inch)	Rp 3/4
Water Tank Max. Pressure (kPa)	850
Tank Relief Valve Setting (kPa)	850
Noise	48dBA
Heat pump recovery rate (L/h*)	77
Heat Exchanger	Copper
Dimensions HxW (mm)	640x1955
Packaging Dimnesions HxW (No Pallet)	720x750x2030
Net Weight (kg)	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	

Note: All specifications are subjected to change by the manufacturer without prior notice.

THE SMART WAY TO CREATE HOT WATER OUT OF THIN AIR



Shower & Jacuzzi



Dish Washing



Cleaner Laundry



Hotel & Resort

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 Imhaus Renewable Energy

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