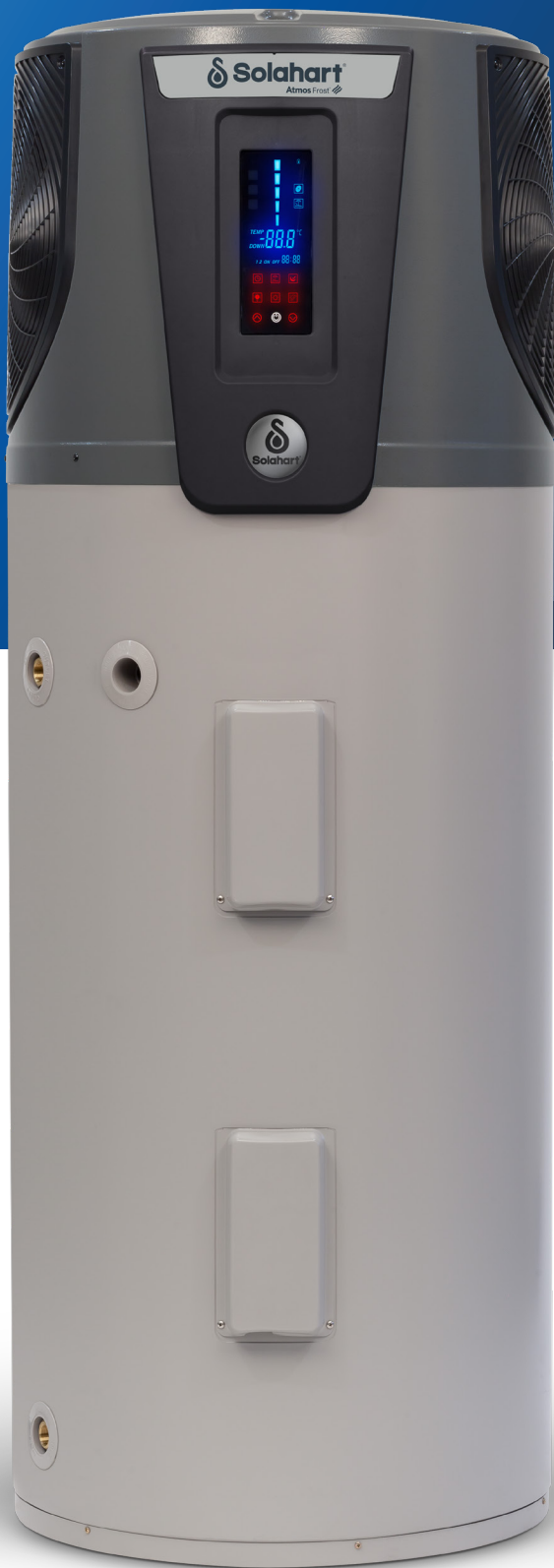


# INTRODUCING THE NEW SOLAHART ATMOS-FROST HEAT PUMP



## THE SMART WAY TO CREATE HOT WATER OUT OF THIN AIR

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

The new frost-tolerant addition to the Solahart Atmos Heat Pump range can be installed in almost any location in Australia, as it is suitable for harsh water, cold climates, and tropical conditions. Atmos-Frost uses the surrounding air, not the direct sun, to heat water. It's a reliable, efficient way to reduce water heating energy consumption and cut greenhouse emissions without the need for solar collectors.



**FROST  
TOLERANT**



**ENERGY  
EFFICIENT**



**NO SOLAR  
COLLECTORS**

**GET SMART  
GET SOLAHART**



# HOW ATMOS FROST WORKS

Solahart Atmos-Frost is an integrated heat pump with 270-litre storage capacity and an advanced wrap-around micro-channel heat exchanger for more efficient water heating. This technology also makes the heat pump suitable for harsh water areas as the heat exchanger is not in contact with the water. Designed to work in all Australian climates, it comes with a boost mode to ensure you always have hot water in very cold conditions, and a de-icing function to improve performance in frost conditions.



1

Heat is absorbed into the refrigeration system from the outside air and drawn in across the evaporator.

2

Heat from the refrigeration process is transferred to the water via a microchannel heat exchanger

3

This process continues until the water reaches the set temperature

## WHY ATMOS FROST IS A SMART CHOICE

Solahart Atmos-Frost has been designed and tested to withstand the harsh Australian conditions with multiple inbuilt protective features.

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Help reduce energy consumption.

### Enamel-Lined Water Tank

Reduces the risk of corrosion and water leakage.

### Micro-channel Technology

Provides a larger contact area for greater efficiency.

### Side Fan Design

Protects refrigeration unit from heavy rain.

### Heavy Duty Top Cover

To withstand all weather conditions.

### Smart LED Controller Display

Puts control at your fingertips.

### 10 Year Warranty

Gives greater peace of mind and reliable hot water for years to come.

## TECHNICAL SPECIFICATIONS



Model Number	270HAV
Suitable for No. of People (moderate climate)	2-6
Technical	
Dimensions H x W x D (mm)	1825 x 730 x 760
Net Weight (kg)	133
Water Tank Volume (L)	270
Maximum Rated Power Input (W)	3600
Refrigerant	R513a
Element Size (kW)	2.4
Boost Capacity (L)	195
Coefficient of Performance	4.5*
Water Connections & Settings	
Water Inlet/Outlet Connections	Rp 3/4
Temperature Pressure Relief Valve Setting (kPa)	1000
ECV Setting (kPa) (not supplied)	850
Maximum Mains Supply Pressure	
With ECV (kPa)	680
Without ECV (kPa)	800

\*Testing condition: 20/15°C (Dry bulb/Wet bulb) and heating water from 15°C to 60°C.

To find out more call 1300 769 475  
or visit [solahart.com.au](http://solahart.com.au)



Re-order code: SHDS/HP-ATMOS-FROST SOLA1560\_A4\_AtmosFrost\_Jul25