

**Chromagen™**

**ARISTON**  
The home of sustainable comfort



**Designed and  
engineered in  
Italy for Australian  
conditions**

**Primos Range**  
Heat Pump  
Water Heaters




ARISTON



# Built to **perform** & built to **last**

Harvest the free energy from our plentiful air to heat your water with the **advanced Ariston Primos range of Heat Pumps**. This renewable energy water heating technology uses **up to 80% less energy** than a conventional water heater, whilst providing **reliable hot water** all day and night.



With **enduring quality, advanced performance** and beautiful **Italian design**, synonymous with the Ariston brand, this range of heat pumps will provide you with the ultimate in efficient water heating and keep you in hot water for years to come.






### Sustainable Performance

-  **R290**
- ECO-FRIENDLY REFRIGERANT**
-  **PV INTEGRATION**
-  **RECYCLABLE PACKAGING**
-  **HIGH EFFICIENCY**



### Enduring Quality

-  **DESIGNED IN ITALY FOR AUSTRALIAN CONDITIONS**
-  **TITANSHIELD TECHNOLOGY**
-  **HIGH OPERATING PRESSURE FOR SMOOTH OPERATION**
-  **ENGINEERED FOR AUSTRALIAN CONDITIONS**
- PROFESSIONAL TECH**
- MAINTENANCE-FREE PROTECTION**


### Reliable Performance

-  **I MEMORY TECHNOLOGY**
-  **RELIABLE HOT WATER SUPPLY**
-  **EASY TO HANDLE AND INSTALL**
-  **BOOST**
-  **QUIET OPERATION**
-  **WEATHERPROOF**

### Solutions for all

-  **ELEGANT DESIGN**
-  **UNIQUE CONTROLLER SETUP**
-  **UNIQUE TILTED COVER**

### Smart Connectivity

-  **REMOTE CONTROL**
-  **WI-FI ENABLED**

**AVAILABLE IN UNITS DELIVERED IN Q2 2025**

## Enduring **Quality**

# Designed and engineered in Italy for **Australian conditions**



**DESIGNED IN ITALY**  
FOR AUSTRALIAN  
CONDITIONS

With more than 7 million water heaters sold globally per year, we know how to make products last. **Quality design** and **engineering** from the European hot water leader and Italy's market leader, along with the **rigorous testing** of raw materials, components, and every single production step in our own factory, ensure exceptional manufacturing standards.



**ENGINEERED**  
FOR AUSTRALIAN  
CONDITIONS

Ariston's strict and mandatory quality protocol requires the product to be tested in real life conditions before mass production. Suitable for **cold climates** and **hot summers** with a wide operating **range from -5°C to +42°C**. Thanks to carefully selected materials and components (such as pre-painted galvanized steel casing, dedicated screen cover and anti-aging plastics) this product can easily withstand **Australian harsh weather conditions**.

## 100% **Ariston quality**



**MAINTENANCE-FREE PROTECTION**

Primos is equipped with the exclusive **PRO TECH technology**. This system, which combines Titanium and Magnesium anodes, is designed to provide the highest level of **protection against corrosion** and limescale for the water heater's tank.



**TITANSHIELD TECHNOLOGY**

The inner tanks are enameled with a **layer of titanium**, providing strong **protection against corrosion and limescale**. Our premium anti-corrosion enamel-coated tank, **tested for 250,000 cycles**, and advanced heating element technology offer extra peace of mind.



**HIGH OPERATING PRESSURE FOR SMOOTH OPERATION**

A 850kPa maximum operating pressure reduces the frequency of safety valves operating, wearing out, causing unnecessary water loss or unreparable damage. **Don't settle for anything less than 850kPa.**

## Sustainable performance

# Maximum efficiency and up to 80% of energy saving\*



**ECO-FRIENDLY**  
REFRIGERANT

Primos uses **R290 natural refrigerant** that boosts a low global warming potential (GWP = 3)



**ENERGY**  
**EFFICIENCY**

**High efficient** heat pump technology providing hot water for less\*\*



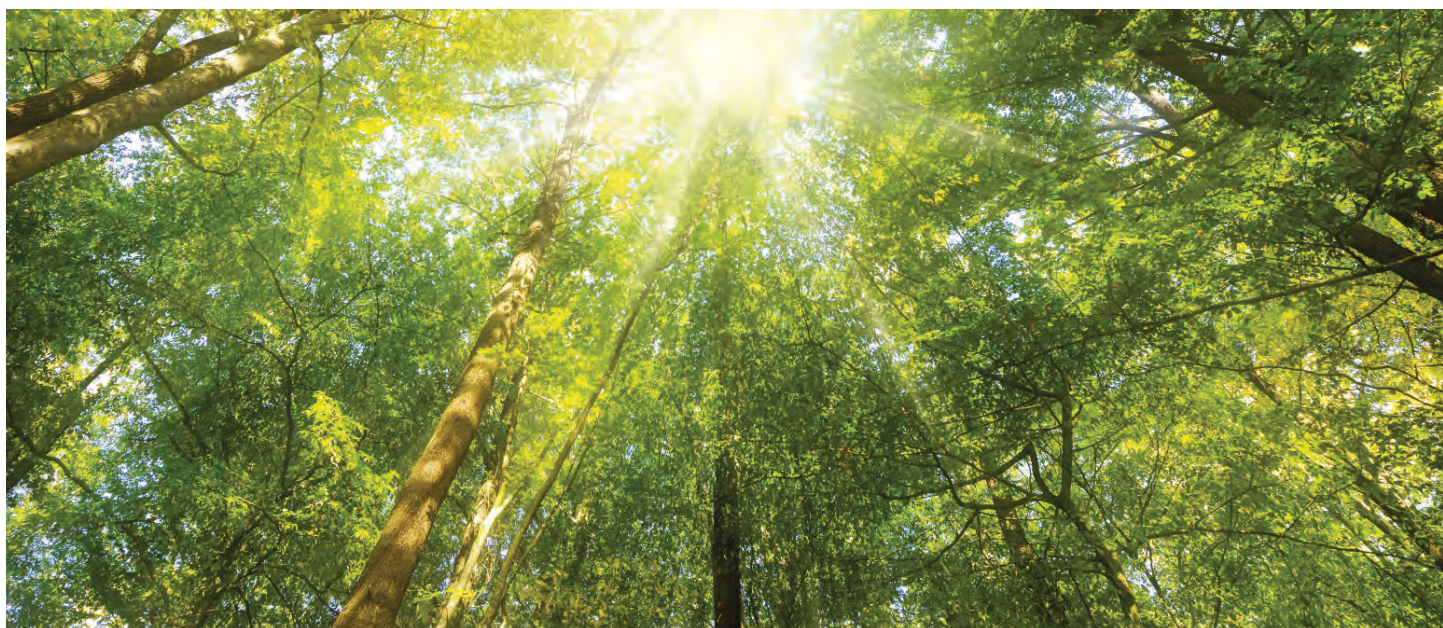
**PV**  
INTEGRATION

Dedicated photovoltaic integration for **superior saving**



**RECYCLABLE**  
PACKAGING

**Innovative recyclable packaging**, completely made from just cardboard and wood with no more EPS (expanded polystyrene), for simpler on-site clean up and a clear step forward in our sustainability path.



\*Compared to traditional electric storage water heaters, thanks the thermodynamic cycle which converts the heat from air into energy for domestic hot water

\*\* COP: 4.3 for 205lt, 4.2 for 280lt (Based on condition 2 AS 5125, with a water temperature rise of  $\Delta 40^{\circ}\text{C}$  at air temperature  $19^{\circ}\text{C}$  with 66% humidity)



**Reliable** performance

# Total Comfort and full customization



**RELIABLE**  
HOT WATER SUPPLY

Experience **superior performance** with Ariston's fast heat-up technology outperforming others in its class. A completely emptied Primos 205 tank can be **heated in just 3 hours\***



**QUIET**  
OPERATION

Engineered for **quiet operation** with a low noise level of only 46 dB(A)\*\*



**I-MEMORY**  
TECHNOLOGY

A proprietary Ariston '**habit learning algorithm**' optimises water heating patterns according to your hot water habits providing you the **best comfort** and **maximum savings**



**BOOST**

A '**one shot mode**' for those times when there is excessive hot water usage, **boosting** the heating process to reach the set temperature in the shortest possible time.

\*3h 43 min for 280Lt model (Heating time based on condition 2 AS 5125, with a water temperature rise of  $\Delta 40^{\circ}\text{C}$  at air temperature  $19^{\circ}\text{C}$  with 66% humidity)

\*\*Noise pressure level based on measurements in a hemi-anechoic chamber, according to ISO 3745 tested by external laboratory



**Solutions** for all

# Great ideas that make a huge difference



**EASY TO HANDLE AND INSTALL**

**Lightweight**, for easier handling and installation: with product weights of only 93kg (205L) and 108kg (280L) this product is easy to maneuver. Same installation procedures with minimal need for additional valves or pipe layout changes as an electric storage water heater.



**UNIQUE CONTROLLER SETUP**

Unique screen cover shields the controller from harmful UV, rain and hail, whilst **intuitive commands** and **easy operations** makes using the controller a breeze thanks to its touch pad control and high definition LED screen.



**OUTDOOR INSTALLATION**

Rest assured that even when the external display cover is removed, the display remains **water and sun proof**.



**UNIQUE TILTED COVER**

Its specifically designed tilted top cover allows rainwater to efficiently drain off and provide **superior protection** to important electronic components.



**ELEGANT DESIGN**

Soft matching colors and more attention to the smaller details. Italian designer's Umberto Palermo signature in your house.







AVAILABLE IN UNITS DELIVERED IN Q2 2025

## Smart **Connectivity**

# Home gets smarter, Life gets simpler

Primos comes with embedded **Wi-Fi capabilities**.

Now it's even easier to **manage your comfort**, with your smartphone, wherever you are.

Ariston NET is the best way to learn how to improve your energy consumption and build good habits **saving up to 25% of energy!**\*. Because saving means caring.

The app also enables you to get **prompt assistance** giving you all the information you need if something goes wrong: the error code and description, as well as a **real-time notification** in case of system failure.

\* For water heaters equipped with Ariston NET the comparison is done with a mechanical water heater.

## Ariston NET

### Only 3 steps to connect



1. Download  
Ariston NET app



2. Create an  
account and login



3. Start Wi-Fi  
connection





Comfort is always  
at your fingertips,  
**wherever you are**

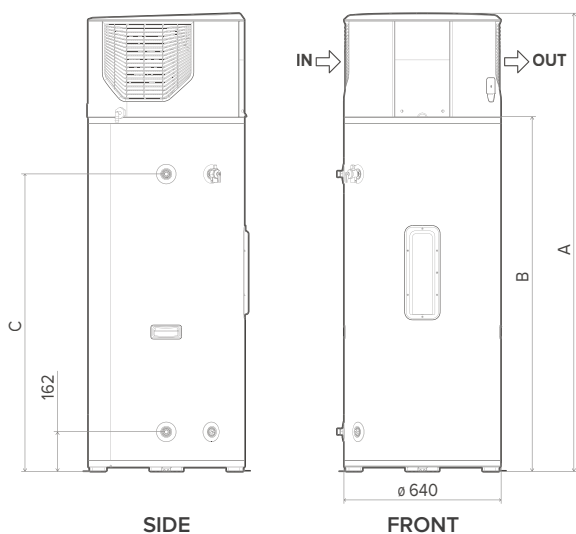
# Specifications

		PRIMOS 205	PRIMOS 280
		ARIHPWH-200	ARIHPWH-280
<b>GENERAL</b>	Structure	All-in-one	All-in-one
	Capacity (L) nominal	205	280
	Compressor power (W) nominal	650	650
	Heating element (W)	1500	1500
	Supply voltage (V)	220-240	220-240
	Cable	Yes (Pre-fitted)	Yes (Pre-fitted)
	Max current (Amp)	10A	10A
	Rated water tank pressure (kPa)	850	850
	Refrigerant	R290	R290
	Refrigerant charge (gr)	250	250
<b>HEAT PUMP EFFICIENCY &amp; PERFORMANCE</b>	COP HP only <sup>1</sup>	4.3	4.2
	Operating Temp in HP (°C)	-5 to 42	-5 to 42
	Max Temp HP (°C) [rated]	60	60
	Max Temp HE (°C) [max outlet]	70	70
	Heating time <sup>1</sup>	2h 59min	3h 43min
	Noise level (dB(A)) <sup>2</sup>	46	46
<b>WORKING MODES &amp; FUNCTIONS</b>	Heat Pump only	Green	Green
	Hybrid mode	Comfort	Comfort
	Boost Mode	Boost	Boost
	Disinfection (anti-legionella)	Yes, auto	Yes, auto
	Auto learning mode	Yes, i-Memory (proprietary)	Yes, i-Memory (proprietary)
	Holiday mode	Yes	Yes
	PV mode	Yes	Yes
	Power outage memory	Yes	Yes
<b>PHYSICAL DETAIL</b>	IP Class - Outdoor	IPX4	IPX4
	Net Weight (kg)	93.3	108.5
	Height (mm)	1,524	1,867
	Diameter (mm)	640	640
<b>DURABILITY</b>	Anode	Permanent anode + Mg. Anode	Permanent anode + Mg. Anode
	Heating Element	Immersed Enameled	Immersed Enameled

<sup>1</sup> Based on condition 2 AS 5125, with a water temperature rise of Δ40°C at air temperature 19°C with 66% humidity

<sup>2</sup> Noise pressure level based on measurements in a hemi-anechoic chamber, according to ISO 3745 tested by external laboratory. Due to ongoing product development, specification subject to change.

# Dimensions



Dimensions	205L	280L
A mm	1,524	1,867
B mm	1,103	1,446
C mm	869	1,212

# Warranty

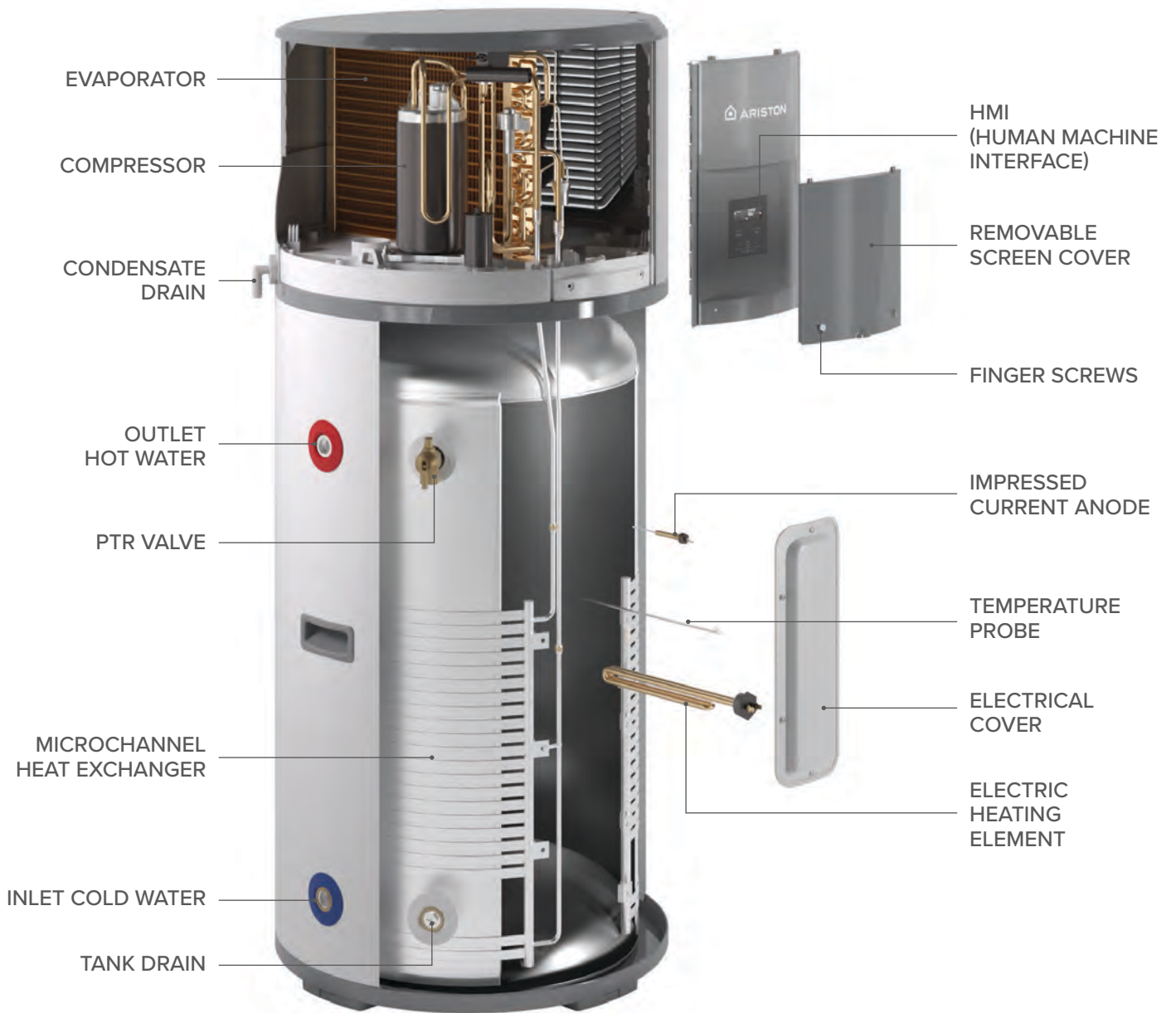
TANK CYLINDER	COMPRESSOR	OTHER COMPONENTS <sup>1</sup>
7 (5 + 2*) Years (5 Years Labour)	5 Years (5 Years Labour)	3 Years (3 Years Labour)

\* Additional 2-year warranty will be granted on the cylinder only if the product inspection and maintenance check is performed by an authorised technician at the 5-year period. This additional warranty will commence the day following the expiry of the initial standard 5-year warranty and excludes labour.

<sup>1</sup> Other components refers to parts included with the original unit such as user interface, circuit boards, electrical heating elements, sensors, valves, anodes.



# Exploded View





**ECO-FRIENDLY**  
REFRIGERANT



**PV**  
INTEGRATION



**RECYCLABLE**  
PACKAGING



**HIGH**  
**EFFICIENCY**



**DESIGNED IN ITALY**  
FOR AUSTRALIAN  
CONDITIONS



**TITANSHIELD**  
TECHNOLOGY



**HIGH OPERATING**  
**PRESSURE** FOR  
SMOOTH OPERATION



**PRO**  
**FESIONAL**  
**TECH**  
MAINTENANCE-  
**FREE PROTECTION**



**ENGINEERED**  
FOR AUSTRALIAN  
CONDITIONS



**I MEMORY**  
TECHNOLOGY



**BOOST**



**QUIET**  
OPERATION



**RELIABLE**  
HOT WATER  
SUPPLY



**EASY TO HANDLE**  
AND **INSTALL**



**WEATHERPROOF**



**UNIQUE TILTED**  
COVER



**UNIQUE CONTROLLER**  
SETUP



**ELEGANT**  
DESIGN



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Efficient Water Heaters | Solar Power Solutions | Air Conditioning

*This revision supersedes all previous versions. All details in this document are accurate at time of publishing. Product specifications may change without notice. Visuals shown are representative and are to be used as a guide only. For the latest product details and specifications, please visit our website*