

# HOT WATER



**HOT WATER | HEATING | RENEWABLES**  
[ariston.com/uk](http://ariston.com/uk)



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## ARISTON'S COMMITMENT TO CUSTOMERS COMFORT IS AT THE HEART OF ALL WE DO

With 90 years of global manufacturing experience, Ariston Thermo Group is well aware of the challenges in creating heating, water heating and renewables products that deliver exceptional levels of efficiency and comfort.

Industry professionals and consumers can all take comfort from the fact that Ariston is an established international business, constantly striving to develop and expand its product portfolio. The Ariston team is committed to providing comfort to everyone, whatever the application.

By investing in the latest technologies, Ariston is able to offer a range of innovative products that meet all the necessary requirements in terms of energy efficiency, reliability, quality and comfort.

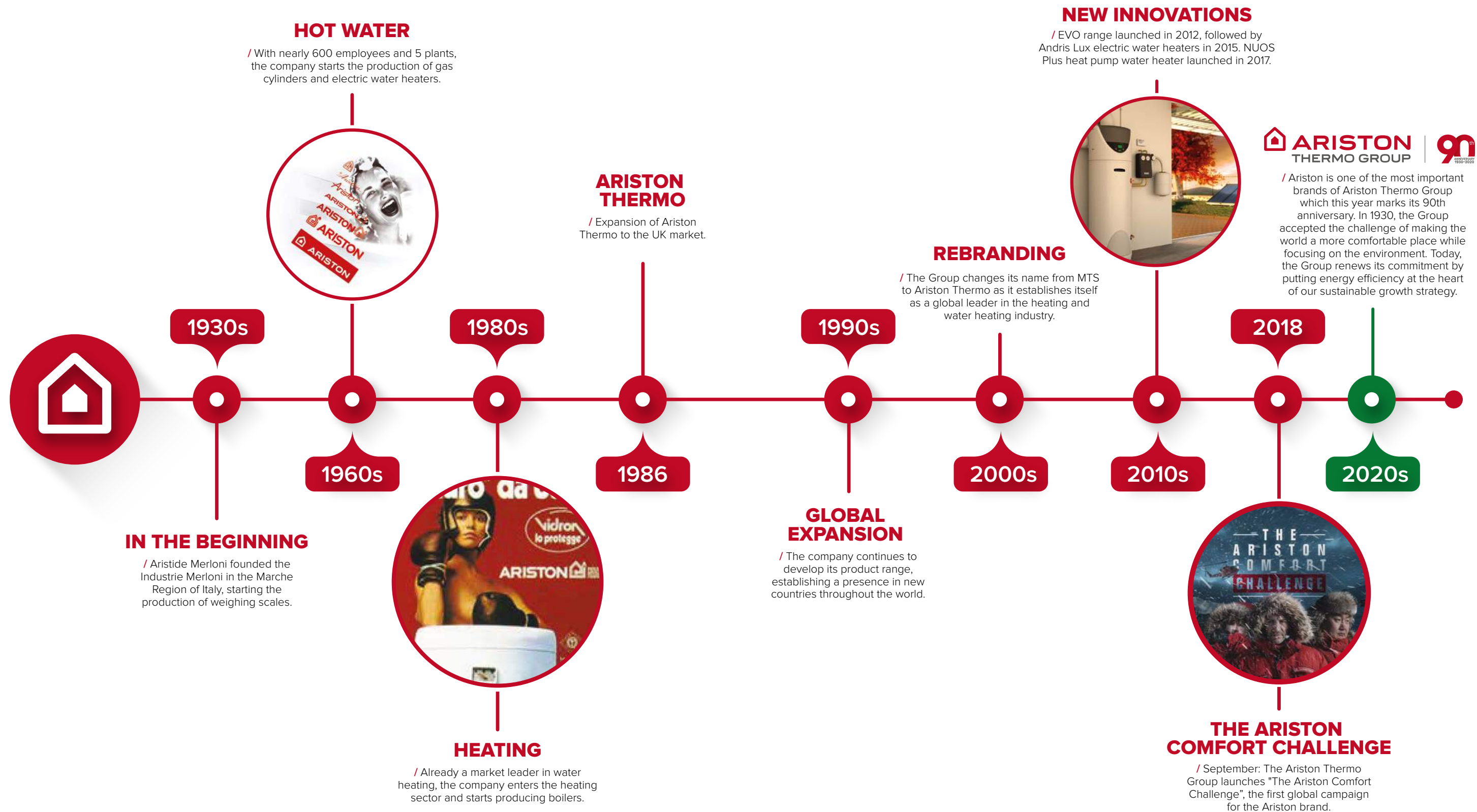
**WHATEVER THE NEED OR LOCATION, THE ARISTON CHALLENGE IS TO DELIVER COMFORT TO EVERYONE.**

Ariston is committed to developing new products and technologies to deliver comfort to all four corners of the world. This is typified by the results of the Ariston Comfort Challenge, which saw the company successfully travel to Greenland and bring comfort to one of the most inhospitable places on Earth – while maintaining a strong focus on the environment.





# A FUTURE-LED COMPANY WITH 90 YEARS OF HISTORY





# HOT WATER



## THE UK'S NO.1 WATER HEATING BRAND

Ariston is the UK's number one water heating brand and a leading name in global water heating, relied on by Industry professionals and consumers alike for over 90 years.

Sustainable comfort lies at the heart of the company, with an intrinsic commitment to providing high-quality, environmentally-friendly heating and hot water solutions to every corner of the world forming the core targets of its business strategy.

Ariston offers a range of high-quality vented, unvented and instantaneous electric and gas water heaters suitable for a wide range of domestic and light commercial applications throughout the UK. All units boast an incredibly robust construction and, importantly, are fully compliant with UK Building Regulations and industry certification, including the latest in ErP. Ariston is also providing KIWA approved products, fully tested to meet WRAS standards.

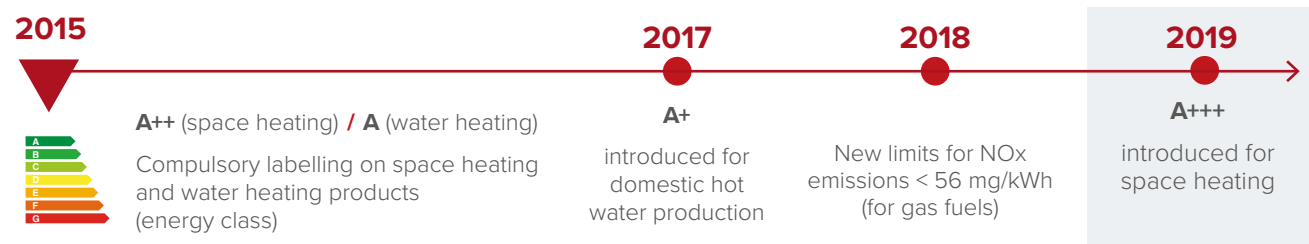


# ERP ERP & NEW REGULATIONS



From 26 September 2018, new limits for NOx emissions were introduced in addition to the efficiency limits already in force. The NOx limits have been applied to products placed on the market starting from 26 September 2018. Products purchased before that date and already in retail outlets or distribution warehouses can continue to be sold and installed, even though they do not comply with the new requirements.

In 2019, the UK became the first major economy in the world to pass legislation to end its contribution to global warming by 2050. A target was set requiring the UK to bring all greenhouse gas emissions to net zero by this date.



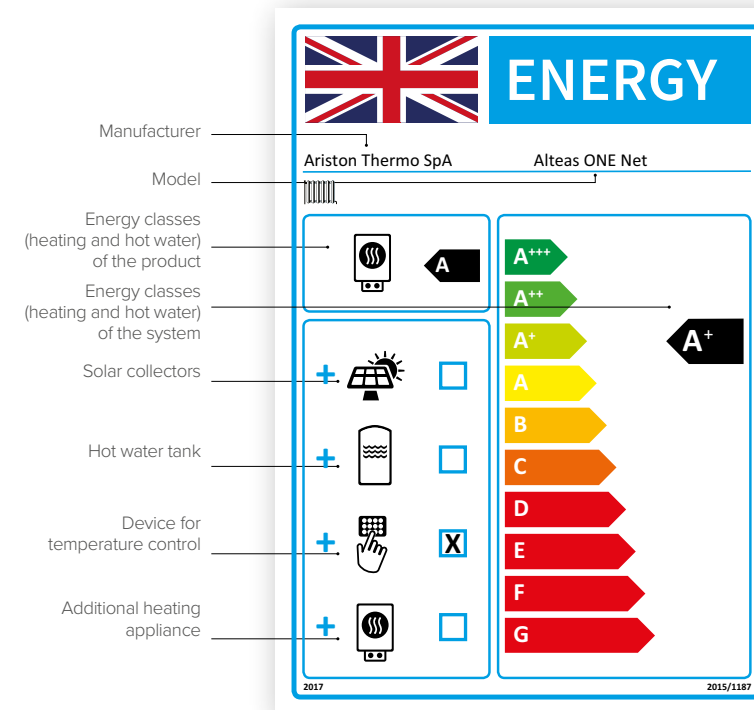
**ErP** Minimum performance requirements for space heating and domestic hot water production

## PRODUCT LABEL

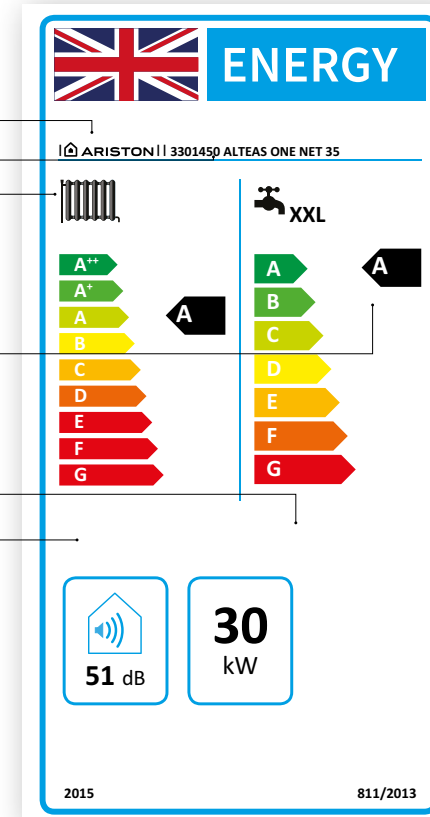
There are two different classifications for central heating and domestic hot water; for products which can provide both services, labels must show both the classifications.

There are different labels, depending on the type of product and service guaranteed. The efficiency classes A, A+ and A++ indicate the products with higher performance.

In addition to the energy class, the labels display information to help consumers choose the most efficient products with less environmental impact.



Energy label of a combi boiler with thermostat



Energy label of a boiler

## SYSTEM LABEL

All units that are combined with others as part of a system must have a secondary label in addition to the product label and technical documentation to show the system performance.

The installer will be responsible in defining the overall system performance (through an automatic algorithm) and must fill out the label accordingly.

## CHANGES IN LABELLING DUE TO BREXIT

When the UK leaves the European Union (EU) on 1st January 2021, the following changes will occur:

### The CE mark becomes the UKCA mark

The UKCA (UK Conformity Assessed) marking is a new UK product marking that will cover most goods that previously required the CE mark. It will apply to all goods that currently use CE marking.

The UKCA marking can be used from 1st January 2021 and will follow the same conformity assessment processes as the current CE mark. CE marking can still be used until 1st January 2022 in most cases.

However, UKCA marking will not be recognised in the EU market, so products that currently require CE marking will still need this in order to be sold in the EU from 1st January 2021.

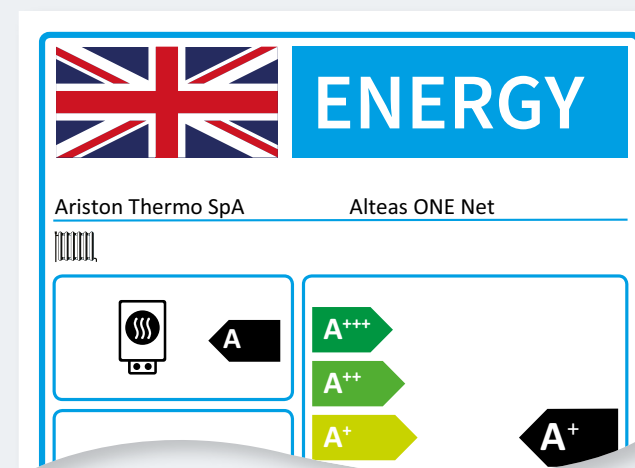
From 1st January 2022, the CE marking will not be recognised in Great Britain for the areas covered by the government's guidance – including gas appliances. However, CE marked products will still be valid for sale in the UK as long as they are also UKCA marked and comply with the relevant UK rules. New rules for Northern Ireland are to be confirmed.

**UK  
CA**

### ErP label changes

For products arriving or manufactured in Europe or the UK before 1st January 2021, the current ErP label will be accepted for use in the UK. However, after this date, a new ErP label will need to be present; this will still comply to the same ErP rules, but show a Union Jack in place of the current EU flag, and all text will be written in English only. This will be the only accepted label in the UK. For products manufactured in Europe and destined for the UK and Republic of Ireland, both the EU and UK labels must be present.



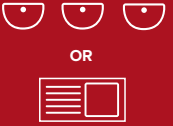












For the latest update on Brexit regulations please visit: [www.gov.uk/transition](http://www.gov.uk/transition)





# ARISTON'S HOT WATER RANGE

## PRODUCT SELECTOR

APPLICATION			 OR 				
LIGHT USE 	Piccolo	Andris Lux 6L	Aures Slim Multi Andris R 10L Andris Lux 10L Andris Lux Eco 10L	Andris Lux 30L Andris Lux Eco 30L	Velis Evo 45L Velis Evo Wi-Fi 45L Pro1 Eco 50L	Velis Evo 80L Velis Evo Wi-Fi 80L Pro1 Eco 80L Next Evo X	Pro1 Eco 100L Next Evo X
MEDIUM USE 	Andris Lux 6L	Aures Slim Multi Andris R 10L Andris Lux 10L Andris Lux Eco 10L	Andris R 15L Andris Lux 15L Andris Lux Eco 15L	Velis Evo 45L Velis Evo Wi-Fi 45L Pro1 Eco 50L	Velis Evo 80L Velis Evo Wi-Fi 80L Pro1 Eco 80L Next Evo X	Pro1 Eco 100L Next Evo X	<div>KEY</div> <div> Basin</div> <div> Kitchen sink</div> <div> Shower</div> <div> Bath</div>
HEAVY USE 	Aures Slim Multi Andris R 10L Andris Lux 10L Andris Lux Eco 10L	Andris R 15L Andris Lux 15L Andris Lux Eco 15L	Andris Lux 30L Andris Lux Eco 30L	Next Evo X Velis Evo 80L Velis Evo Wi-Fi 80L Pro1 Eco 80L	Pro1 Eco 100L Next Evo X		

Disclaimer: Please note, 'light', 'medium' and 'heavy use' are estimates based on average water consumption. Actual water usage may vary depending upon the application.



**AURES SLIM MULTI**  
Electric instantaneous water heater  
A compact powerhouse suitable for bathrooms, kitchens and annexes

Code	Model
3520028	AURES SLIM MULTI 9.5kW

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**PICCOLO**  
Electric storage water heater  
Wall mounted vented electric point of use water heater ideal for occasional use areas with limited space

Code	Model
3100525	PICCOLO 2kW, 5L

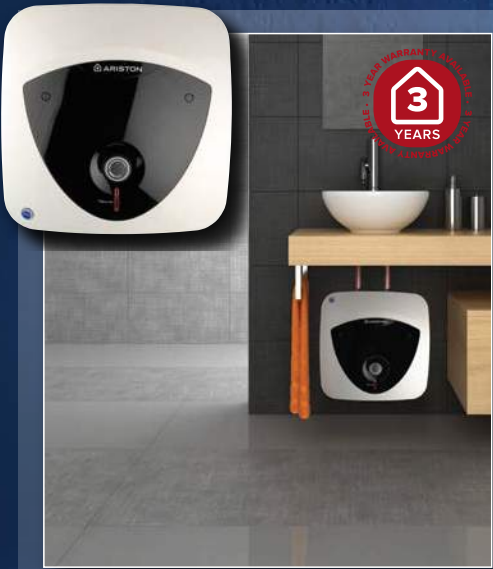
SEE PAGE - 66 - 67



**ANDRIS R**  
Electric storage water heater  
An easy to install unit offering impressive performance and fast reheat times.

UNDERSINK MODEL	
Code	Model
3100863	10L U/SINK 2kW
3100832	10L U/SINK 3kW
3100864	15L U/SINK 2kW
3100834	15L U/SINK 3kW

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**ANDRIS LUX**  
Electric storage water heater  
The market-leading range of compact, unvented electric water heaters

OVERSINK MODEL		UNDERSINK MODEL	
Code	Model	Code	Model
3100302	10L O/SINK 3kW	3626292	6L U/SINK 1.5kW
3100308	15L O/SINK 3kW	3100303	10L U/SINK 3kW
		3100306	10L U/SINK 2kW
3820017	30L O/SINK 3kW (including Kits A, B & C)	3100309	15L U/SINK 3kW
		3100310	15L U/SINK 2kW

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**ANDRIS LUX ECO**  
Electric storage water heater  
A premium small unvented electric water heater suitable for a variety of specification-led locations

OVERSINK MODEL		UNDERSINK MODEL	
Code	Model	Code	Model
3100717	10L O/SINK 2.5kW	3100718	10L U/SINK 2.5kW
3100721	15L O/SINK 2.5kW	3100722	15L U/SINK 2.5kW
3820018	30L O/SINK 2.5kW (including Kits A, B & C)		

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**PRO1 ECO**  
Electric storage water heater  
The robust alternative to hot water cylinders in domestic and light commercial applications

Code	Model
3820019	PRO1 ECO 50 3kW + KIT
3820020	PRO1 ECO 80 3kW + KIT
3820021	PRO1 ECO 100 3kW + KIT

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**VELIS EVO / VELIS EVO WI-FI**  
Electric storage water heater

A revolutionary new electric storage water heater with optional Wi-Fi connectivity  
VELIS EVO (dual 1.5kW heating element)\*  
VELIS EVO WI-FI (dual 3kW heating element)\*

Code	Model	Code	Model
3626305	VELIS EVO 45L + Kit	3626307	VELIS EVO WI-FI 45L + Kit
3626306	VELIS EVO 80L + Kit	3626308	VELIS EVO WI-FI 80L + Kit

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\* Dual heating elements do not turn on simultaneously



**NEXT EVO X**  
Gas instantaneous water heater  
Powerful, compact and lightweight, perfect for applications with a high demand for hot water

Code	Model
3632535	NEXT EVO X 11 LPG
3632533	NEXT EVO X 16 NG

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## STORAGE WATER HEATERS

## HIGHLY EFFICIENT HOT WATER FOR YOUR EVERYDAY USE

Advanced technologies meet increasingly intelligent performances and unmatched energy savings.

Ariston electric storage water heaters are easy to install, require minimal maintenance and are extremely energy efficient. Continued investment into research and development has led to these products boasting the best in-class ErP ratings, ensuring exceptional levels of hot water, sustainability and comfort.

Ariston is the UK's number one water heating brand and a leading name in global water heating, relied on by industry professionals and consumers alike for over 90 years. Offering a range of high-quality vented and unvented storage water heaters, we provide KIWA approved products, fully tested to meet WRAS standards and compliant with UK Building Regulations and industry certification.



# PICCOLO

## ELECTRIC STORAGE WATER HEATER



PICCOLO  
5 litre

# PICCOLO



The Piccolo is a point of use electric storage water heater, ideal for fitting or retrofitting in occasional use areas with limited space in a domestic or light commercial environment.

- / Open outlet electric water heater
- / 5 litre capacity
- / External temperature control
- / Heating indicator light
- / 9 minute reheat time
- / Supplied with directional spout and cold water inlet valve
- / Mains pressure or gravity feed

### TYPICAL APPLICATIONS

- / Garages
- / Garden sheds
- / Small offices

ENERGY RATING



ENERGY  
EFFICIENT



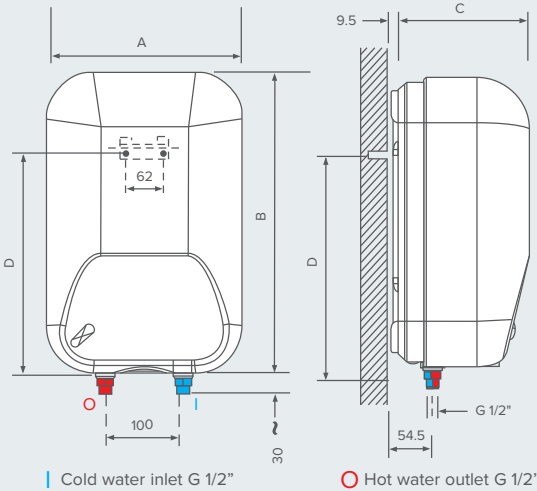
SUPER  
SILENT



COMPACT  
SIZE

### TECHNICAL DATA

Description	5
Type	Open outlet
Capacity (Litres)	5
Installation	Oversink
ErP Class	A
Element rating (kW)	2
Tapping Profile	XXS
Heating time (min)	9
Unit weight (kg)	2.6
Voltage (V)	230
Max working temperature (°C )	75
Heat loss (kWh/24h)	0.25
Product Codes	3100525



### PICCOLO

A = 251mm B = 385mm C = 174mm D = 270mm



# ANDRIS RANGE

## ELECTRIC STORAGE WATER HEATER



**ANDRIS LUX ECO**  
10 / 15 / 30 litre

**ANDRIS LUX**  
6 / 10 / 15 / 30 litre

**ANDRIS R**  
10 / 15 litre

### COMPACT DIMENSIONS

Andris is a range of small, unvented water heaters fed directly from the cold water mains supply. With dimensions starting from only 315mm wide by 250mm deep, they are perfect for applications where space is at a premium, such as bathrooms, kitchens, annexes and garages. Units are available in over and undersink variants, in a number of sizes and capacities, allowing them not only to be added to an existing water system, but also fitted in small spaces, such as inside cupboards.

### DURABILITY

The choice of materials is the secret behind the durability of the Andris range: each product's heating element features copper components that ensure perfect protection against corrosion. The more solid structure of the flange, limits the risk of leaks and reduces the need for maintenance over time.

### MAXIMUM COMFORT

All models in the range are highly durable and easy to use. Polyurethane insulation enables hot water to be kept at the desired temperature for a long period of time, while Andris Lux Eco units benefit from anti-legionella technology, as well as Ariston's Eco Evo function, which memorises user habits to deliver hot water exactly when required, saving money on energy bills.

## ANDRIS RANGE

# THE UK'S NO.1 ELECTRIC STORAGE WATER HEATER

The Andris range of small unvented electric water heaters is the UK's market leader within its category. Renowned for outstanding levels of safety, durability, comfort and design, these compact units are perfect for domestic and light commercial applications where space is at a premium. Available in a choice of over and undersink models, boasting capacities of 6, 10, 15 and 30 litres, these state-of-the-art products remain the industry's water heaters of choice – and the UK's number one.



### TITANIUM INSIDE

Thanks to proprietary titanium enamelled tank engineering protecting units from corrosion and impurities, the Andris range boasts exceptional durability and extended product life.



### ITALIAN DESIGN

Designed by Umberto Palermo, the Andris range of modern, elegant and cutting-edge design offers a sophisticated look and easy installation.



### EXCEPTIONAL ENERGY RATING

With an unrivalled energy rating (up to 'A' class), the Andris range provides the very best water heating performance on the market.



### INDUSTRY-LEADING WARRANTIES

All Andris units are supplied with a minimum three-year warranty on the tank, and one year on electric components. Andris Lux Eco models boast a longer four-year warranty. Warranties are subject to annual service and/or inspection.





# ANDRIS LUX ECO



The Andris Lux Eco from Ariston is a small unvented electric water heater, encompassing leading Italian design, energy efficiency, durability, usability and safety. This premium model also boasts additional features, including anti-legionella and anti-overheating functions.

- / 'A' class ErP rating across all models
- / Front facing electronic temperature control
- / "Eco Evo" function – save up to 15% on your energy bills
- / Anti-legionella function for total peace of mind
- / ABS safety package with ant-freezing
- / Copper heating element
- / Fast reheat times
- / Modern, cutting edge and premium design
- / Installation in 10 easy steps

### ENERGY RATING



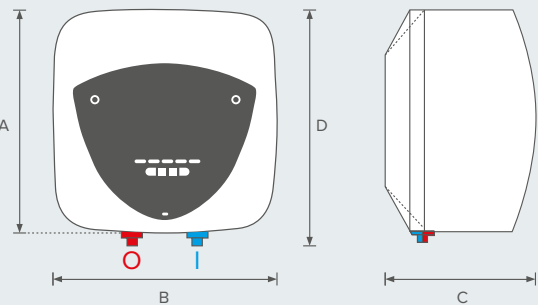
## ANTI-LEGIONELLA

Once a month, the Andris Lux Eco automatically increases the water temperature up to 65°C, in order to eliminate the risk of legionella bacteria developing. Ideal for applications such as hospitals, schools and care homes.



## ECO EVO - SMART TECHNOLOGY

Thanks to the ECO EVO function, Andris Lux Eco remembers when and how much hot water is used. Without any effort, users can have the hot water they need, when they need it.



	10L O & 10L U 2.5kW	15L O & 15L U 2.5kW	30L O 2.5kW*
A	360mm	360mm	446mm
B	360mm	360mm	446mm
C	294mm	342mm	406mm
D	385mm	385mm	475mm

### TYPICAL APPLICATIONS

- / Medical environments
- / Laboratories
- / School facilities

TECHNICAL DATA	10L O	10L U	15L O	15L U	30L O
Description	2.5kW	2.5kW	2.5kW	2.5kW	2.5kW*
Type	Unvented	Unvented	Unvented	Unvented	Unvented
Capacity (Litres)	10	10	15	15	30
Installation	Oversink	Undersink	Oversink	Undersink	Oversink
ErP Class	A	A	A	A	A
Element rating (kW)	2.50	2.50	2.50	2.50	2.50
Tapping profile	XXS	XXS	XXS	XXS	S
Heating time (min)	14	14	21	21	36
Unit weight (kg)	6.7	6.7	7.5	7.5	11.2
Heat loss 65°C (kWh)	0.46	0.71	0.61	0.85	0.75
Product Codes	3100717	3100718	3100721	3100722	3280018*

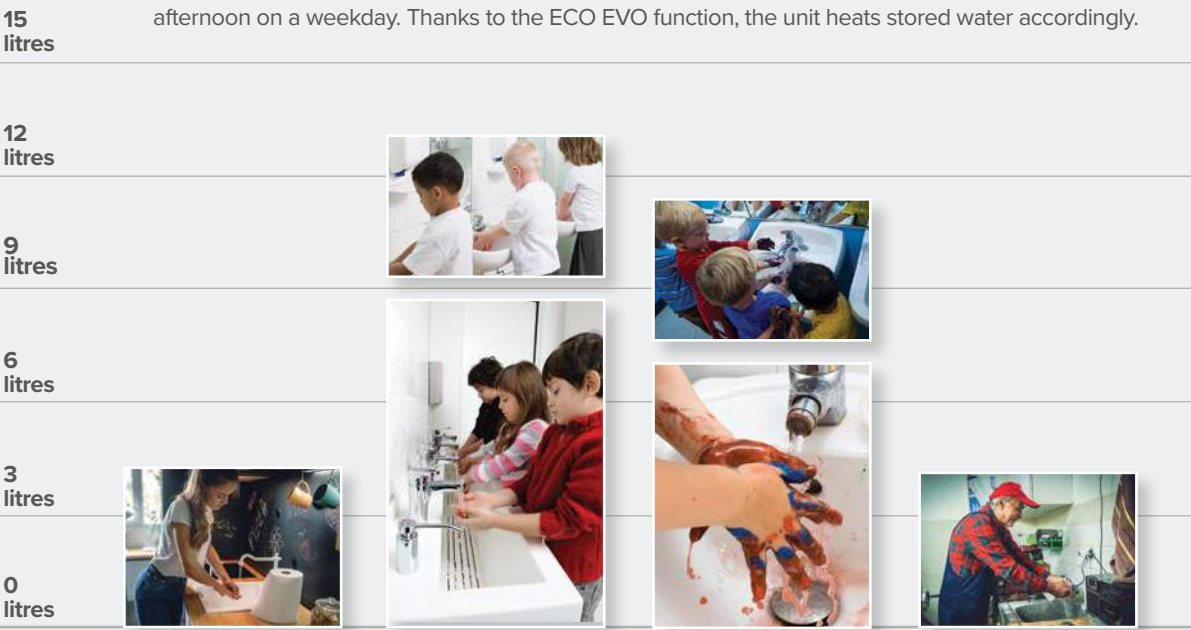
\* Including unvented kits



## Learns from daily usage

In this example of a typical school day, the unit remembers more water is required mid-morning and early afternoon on a weekday. Thanks to the ECO EVO function, the unit heats stored water accordingly.

Water consumption



Daily activity  
Monday to  
Friday



8AM



10AM



2PM



5PM



# ANDRIS LUX



The Andris Lux is the UK's No.1 electric water heater of choice. It encompasses Italian design, energy efficiency, durability, usability and safety, and is available in various models including 6, 10, 15 & 30 litre variants as well as undersink and oversink versions.

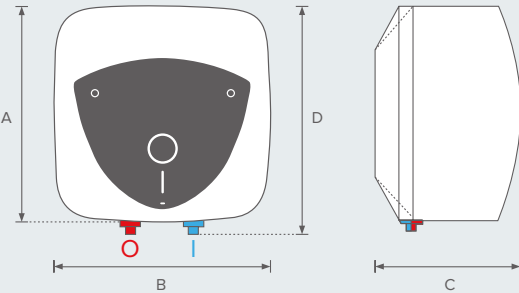
- / Modern, cutting-edge and stylish design
- / Easy to operate with mechanical dial
- / 'E' setting on the dial to optimise comfort and energy saving
- / Copper heating element (Nickel free)
- / Titanium enamelled tank and 4-bolt flange for robustness and durability
- / Heating lamp to show the heating cycle is in process
- / Fast reheat times
- / Installation in 10 easy steps

### ENERGY RATING



### TYPICAL APPLICATIONS

- / Garages
- / Washrooms
- / Holiday lets



	6 U 1.5kW	10 O & 10 U 3kW	10 U & 10 O 2kW
A	315mm	360mm	360mm
B	315mm	360mm	360mm
C	250mm	298mm	298mm
D	330mm	385mm	385mm

	15 O & 15 U 3kW	15 U & 15 O 2kW	30 O 3kW
A	360mm	360mm	447mm
B	360mm	360mm	447mm
C	346mm	346mm	410mm
D	385mm	385mm	476mm

TECHNICAL DATA	6 O	10 O	10 U	10 O	10 U
Description	1.5kW	3kW	3kW	2kW	2kW
Type	Unvented	Unvented	Unvented	Unvented	Unvented
Capacity (Litres)	6	10	10	10	10
Installation	Undersink	Oversink	Undersink	Undersink	Undersink
ErP Class	B	A	B	B	B
Element rating (kW)	1.5	3	3	2	2
Tapping profile	XXS	XXS	XXS	XXS	XXS
Heating time (min)	15	12	12	17	17
Unit weight (kg)	5.1	6.7	6.7	6.7	6.7
Heat loss 65°C (kWh)	0.42	0.46	0.71	0.71	0.71
Product Codes	3626292	3100302	3100303	3100881	3100306

TECHNICAL DATA	15 O	15 U	15 O	15 U	30 O
Description	3kW	3kW	2kW	2kW	3kW
Type	Unvented	Unvented	Unvented	Unvented	Unvented
Capacity (Litres)	15	15	15	15	30
Installation	Oversink	Undersink	Undersink	Undersink	Oversink
ErP Class	A	B	B	B	C
Element rating (kW)	3	3	2	2	3
Tapping profile	XXS	XXS	XXS	XXS	S
Heating time (min)	18	18	26	26	30
Unit weight (kg)	7.5	7.5	7.5	7.5	11.2
Heat loss 65°C (kWh)	0.61	0.85	0.85	0.85	0.75
Product Codes	3100308	3100309	3100882	3100310	3820017*

\* Including Kits A, B & C

## MECHANICAL DIAL



1. Temperature regulation dial, with 'E' positioning for optimisation of comfort and energy saving (Economy setting).
2. Heating lamp shows that the heating cycle is in progress.



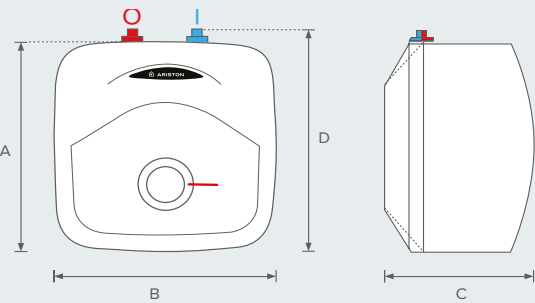
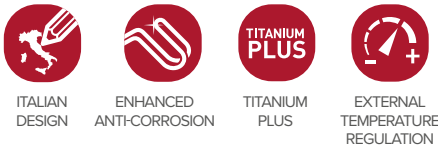
# ANDRIS R



The Andris R is an unvented electric storage water heater and part of Ariston's market-leading Andris range. This easy to install unit offers impressive hot water performance and fast reheat times. It is available in 10 or 15 litre variants with a choice of 2kW or 3kW outputs.

- / 'E' setting on the dial to optimise comfort and energy saving
- / Copper heating element (Nickel free)
- / Simple and intuitive dial control
- / Installation in 10 easy steps
- / Compact Italian design
- / Version with cable available (3100865 & 3100866)
- / Fast reheat times from just 12 mins (10L, 3kW model)

ENERGY RATING



	10L (Undersink) 2kW & 3kW	15L (Undersink) 2kW & 3kW
A	360mm	360mm
B	360mm	360mm
C	298mm	346mm
D	385mm	385mm

TYPICAL APPLICATIONS

- / Warehouses
- / Workshops
- / Converted outbuildings

TECHNICAL DATA	10 UR	10 UR	15 UR	15 UR
Description	2kW	3kW	2kW	3kW
Type	Unvented	Unvented	Unvented	Unvented
Capacity (Litres)	10	10	15	15
Installation	Undersink	Undersink	Undersink	Undersink
ErP Class	B	B	B	B
Element Rating (kW)	2	3	3	2
Tapping Profile	XXS	XXS	XXS	XXS
Heating Time (min)	17	12	26	18
Unit Weight (kg)	6.7	6.7	7.5	7.5
Heat Loss 65°C (kWh)	0.71	0.71	0.85	0.85
Product Codes	3100863	3100832	3100864	3100834
Andris R with cable				
Product Codes	3100865	-	3100866	-

## MECHANICAL DIAL

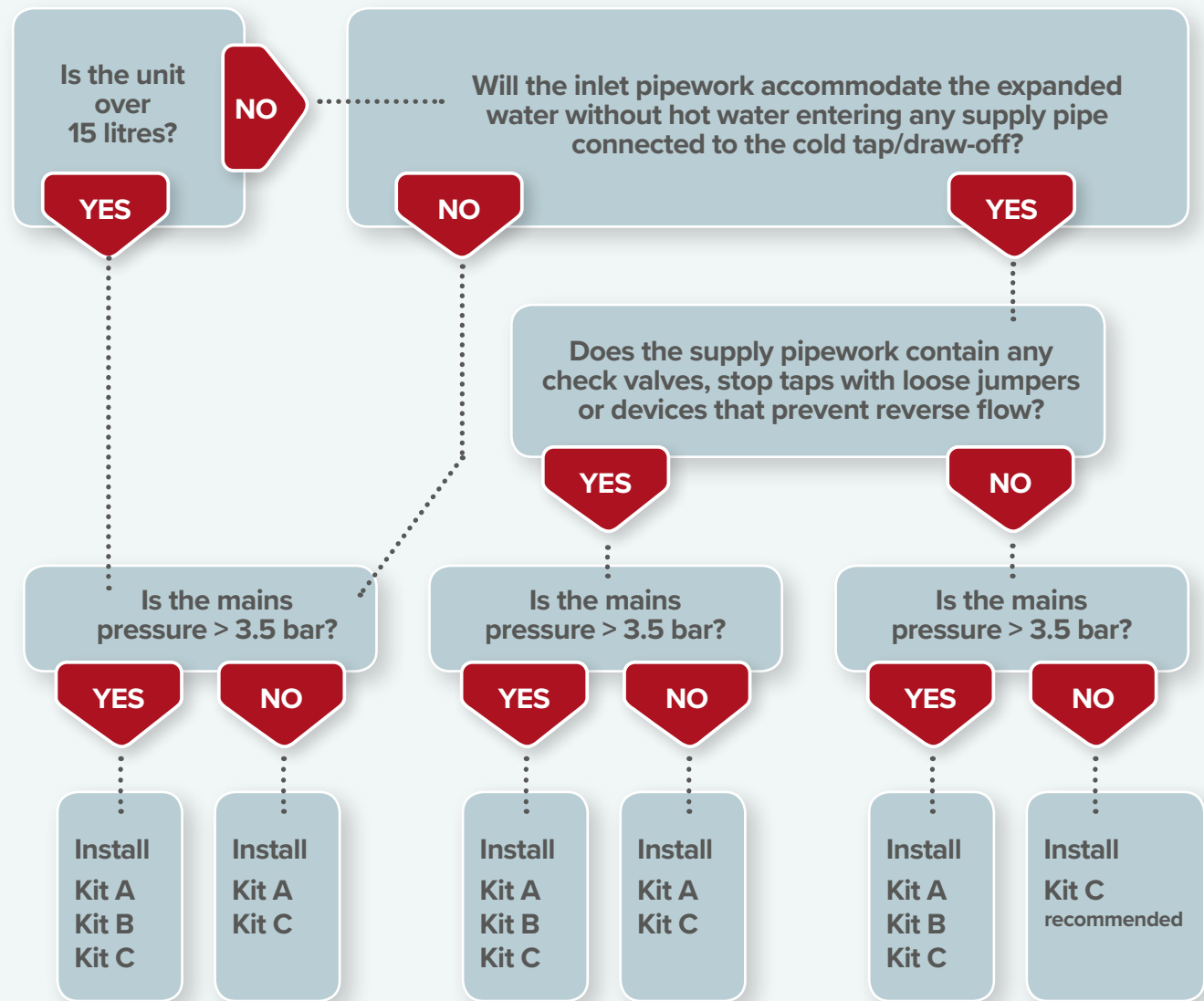


- 1. Temperature regulation dial, with 'E' positioning for optimisation of comfort and energy saving (Economy setting).
- 2. Heating lamp shows that the heating cycle is in progress.



# ANDRIS RANGE - WHICH KIT DO YOU NEED?

In order to fit an Andris R, Andris Lux or Andris Lux Eco, it is good practice and sometimes mandatory to install one or several kits. Please use the following chart as a guide:



## ANDRIS RANGE - INSTALLATION KITS

### KIT A

#### 2L Expansion Vessel & Non-return Valve

The expansion vessel prevents any build-up of pressure within the domestic hot water system, while the non-return valve stops any backflow of hot water into the cold water main.

PRODUCT CODE: 406801



### KIT B

#### 3.5 Bar Pressure Reducing Valve

The maximum cold water inlet pressure designed for the Andris unit is 3.5 bar. Therefore, this pressure reducing valve controls the water to not exceed this limit.

PRODUCT CODE: 406802



### KIT C

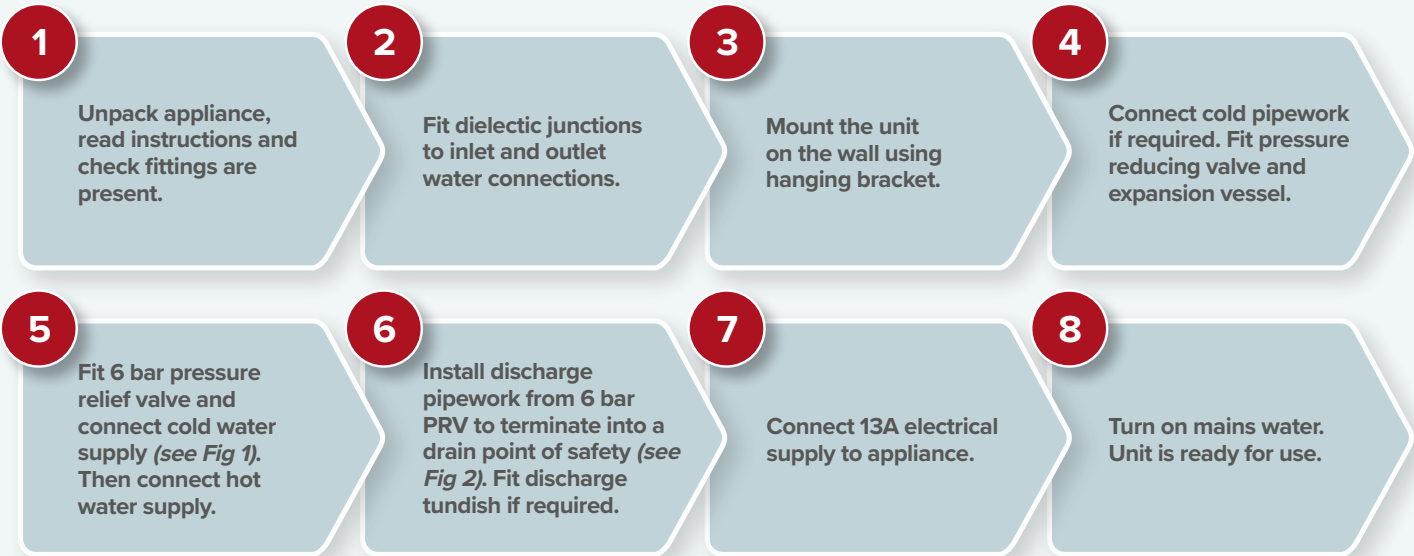
#### Discharge Tundish

In the event the hot water system over pressurises, water is discharged via the 6 bar pressure relief valve and the tundish visually indicates a discharge is occurring.

PRODUCT CODE: 406807



# ANDRIS RANGE - HOW EASY IS IT TO INSTALL?



## ANDRIS RANGE - INSTALLATION

FIG 1

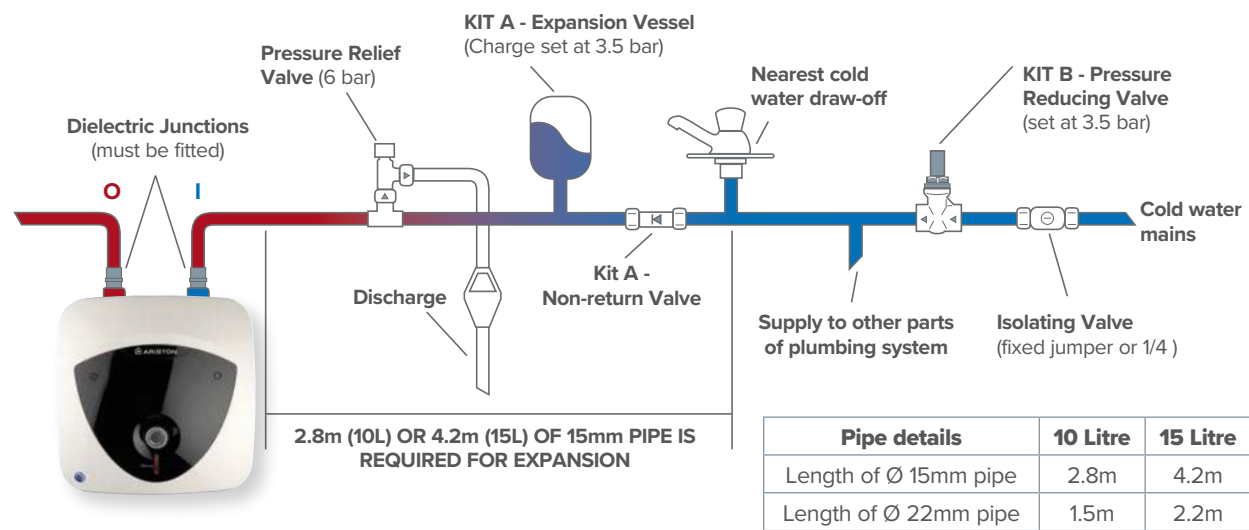
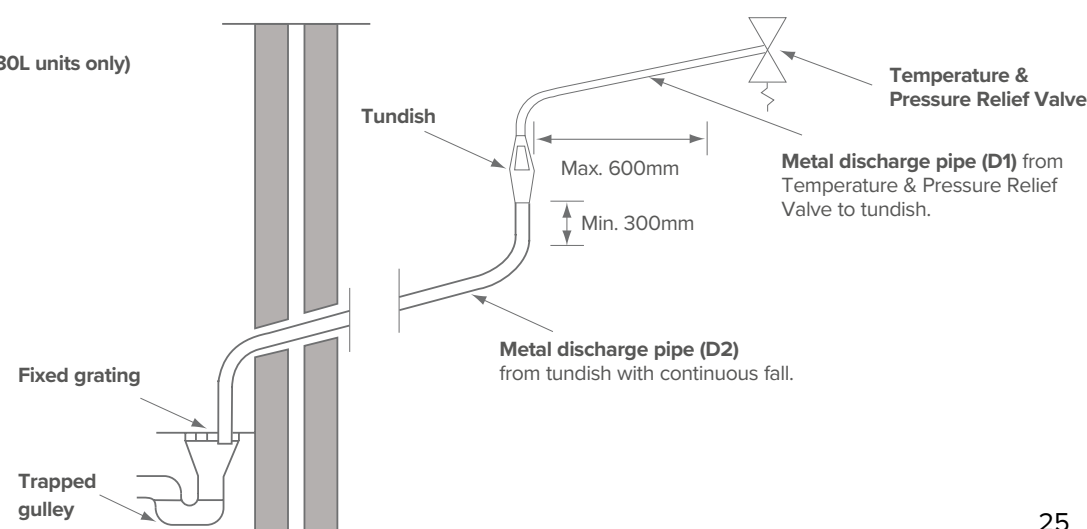


FIG 2

(Applicable to 30L units only)





# VELIS EVO WI-FI

## WELCOME TO THE FUTURE OF ELECTRIC WATER HEATING

Ariston's revolutionary Velis Evo Wi-Fi electric storage water heater is the perfect blend of technology, comfort and design. Benefitting from our innovative twin tank technology, it offers up to 16% more hot water availability while boasting an ultra slim (27cm depth) design for space-saving installations.

Optional smartphone control allows users to manage their hot water at any time from anywhere and program the unit according to their daily schedule for up to 25% savings on energy bills.

Designed by Umberto Palermo, Velis Evo Wi-Fi embodies the essence of elegant Italian design and is the perfect choice for the modern smart home.



**VELIS EVO WI-FI**  
45 / 80 litre



## TWIN TANK TECHNOLOGY SHOWER READY IN LESS THAN 30 MINUTES



Velis Evo is the UK's first twin tank technology water heater, boasting an innovative, high quality twin tank structure which is unprecedented in the UK. Each tank is titanium enamelled for added durability. Ariston's unique twin tank technology reduces stratification, providing up to 16% more hot water compared to other electric storage water heaters, while ensuring the unit is shower ready in less than 30 minutes.

## SLIMLINE THE SLIMMEST WATER HEATER IN ITS CATEGORY



## ECO EVO FUNCTION HOT WATER TAILORED TO YOUR DAILY USAGE



Ariston's **ECO EVO function** is an electronic control with automatic learning software. It remembers when and how much hot water is used every day of the week. This ensures hot water is always available when required.

## AQUA ARISTON NET SMARTLY CONNECTED TO YOU



Velis Evo Wi-Fi is compatible with the **Aqua Ariston Net app**, allowing full control and monitoring from the palm of your hand. Shuffle through modes and turn the unit on remotely for a hot shower at the perfect time. With Aqua Ariston Net, users can monitor energy consumption and achieve savings of up to 25% using daily and weekly programming\*.

\*only Velis Evo Wi-Fi"

Download the  
App for free



## DRY HEATING TECHNOLOGY ADDITIONAL SAFETY AND COMFORT

Dry heating technology within the Velis Evo Wi-Fi provides additional safety against short-circuits thanks to the heating elements being encased thus avoiding direct contact with water. This also results in increased protection against limescale and quick replacement of the heating elements without draining the tank.

## BLUE TECH TOUCH DISPLAY IT'S ALL ON THE SCREEN



The Velis Evo range offers an intuitive touch screen for easy hot water management and control of the built-in Eco Evo function.

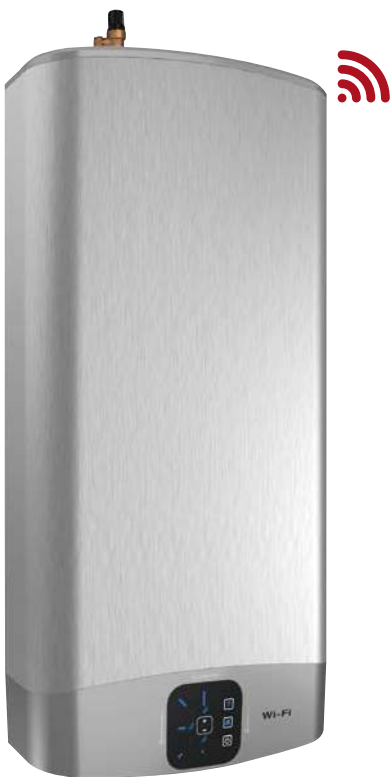
The smart blue tech touch screen display provides detailed information on:

### SHOWERS AVAILABLE

- / Temperature settings
- / Eco Evo activity
- / Wi-Fi activity



# VELIS EVO WI-FI



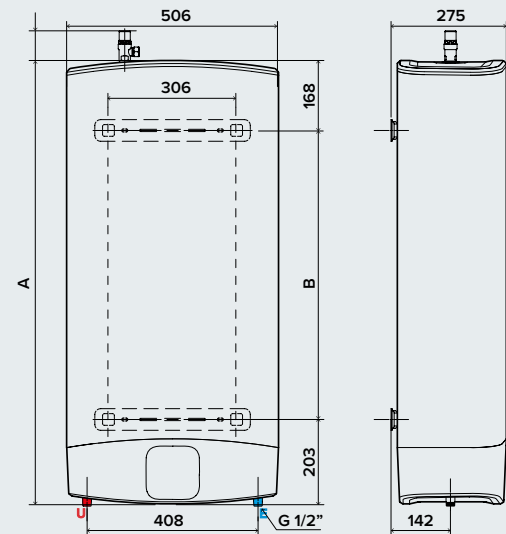
The Velis Evo Wi-Fi offers optional smartphone control, allowing users to plan their next hot shower from wherever they are. With weekly programming through the app, users can save up to 25% on energy bills and monitor consumption anytime.

- / Twin tank design providing 16% more hot water
- / Ultra slim – only 27cm deep
- / "Eco Evo" and "Programming" functions for up to 25% energy savings
- / Optional Wi-Fi compatibility for smartphone control
- / 3kW dual heating element, ideal for domestic installations\*
- / Best in class ErP rating
- / Anti-legionella and ABS safety system
- / Shower ready notifications in app
- / Shower ready in less than 30 minutes
- / Premium Italian design
- / Available in 45 and 80 litre models
- / Must be installed with supplied unvented kit

For more information on the kits available for Velis Evo Wi-Fi, please see page 39

\* Only draws max. 3kW at any given time

## ENERGY RATING



### VELIS 45

A = 776mm B = 405mm

### VELIS 80

A = 1251mm B = 880mm

#### LEGEND

E Cold water inlet G 1/2" U Hot water outlet G 1/2"

TECHNICAL DATA	45	80
Description		
Installation	Vertical	Vertical
Actual Capacity (Litres)	45	80
Power (kW)	3/3	3/3
Body Colour	Brushed Metal	Brushed Metal
Voltage (V)	230-240	230-240
Frequency (Hz)	50/60	50/60
V40 (l)	77	115
IP Protection	IPX4	IPX4
Max Working Temp (°C)	65	65
ErP Rating	B	B
Tapping Profile	M	M
Warranty	5 years	5 years
Aqua Ariston Net Compatibility	Yes	Yes
Heating Times (ΔT=45°C)	29m	56m
Standing Losses [kWh/24h] @65°C	0.96	1.32
Product Codes (including unvented kits)	3626307	3626308

### TYPICAL APPLICATIONS

- / 1 bedroom properties
- / Loft conversions
- / Cylinder replacement installations



### LED TOUCH DISPLAY

Velis Evo Wi-Fi has a LED Blue Tech touchscreen display, indicating:

- / Hot water availability
- / Eco Evo function toggle
- / Water temperature and Wi-Fi control
- / Error codes for easy diagnostics

## AQUA ARISTON NET

- / Set and manage the water temperature.
- / Receive a real time notification when a shower is ready.
- / Schedule weekly shower needs for all the family.
- / Change working mode (Eco Evo, Programming, etc.)
- / Monitor consumption patterns to save up to 25% on energy bills every year.
- / Check out energy-saving tips for a more responsible and eco-friendly use of the water heater.
- / In case of system failure, get alerts providing an error description of the problem to facilitate technical assistance.



## ONLY 4 STEPS TO CONNECT



1 DOWNLOAD AQUA ARISTON NET APP



3 CREATE AN ACCOUNT



2 START WI-FI CONNECTION



4 SIGN IN TO THE APP AND START MONITORING YOUR HOT WATER USAGE

# VELIS EVO



**Velis Evo is a compact water heater, boasting an ultra slim design achieved through Ariston's innovative twin tank technology. With its dual 1.5kW power supply\*, the unit provides up to 16% more hot water availability compared to an equivalent capacity standard electric water heater.**

- / Twin tank design providing 16% more hot water
- / Ultra slim – only 27cm deep
- / "Eco Evo" function
- / Best in class ErP rating
- / Anti-legionella and ABS safety system
- / Shower ready alerts on screen
- / 1.5kW dual heating element, ideal for leisure installations
- / Fast re-heat times, shower ready in 50 minutes
- / Premium Italian design
- / Available in 45 and 80 litre models
- / Must be installed with supplied unvented kit

For more information on the kits available for Velis Evo, please see page 93

\* Only draws max. 1.5kW at any given time

**ENERGY RATING**

**B** M

**GOOD DESIGN**

kiwa approved product

CE

5 YEAR WARRANTY AVAILABLE

- ABS

SAFETY PACKAGE
- TITANIUM PLUS

TITANIUM PLUS
- FLAT

FLAT
- ENERGY SAVING

ENERGY SAVING
- SHOWER READY

SHOWER READY
- ITALIAN DESIGN

ITALIAN DESIGN

## TYPICAL APPLICATIONS

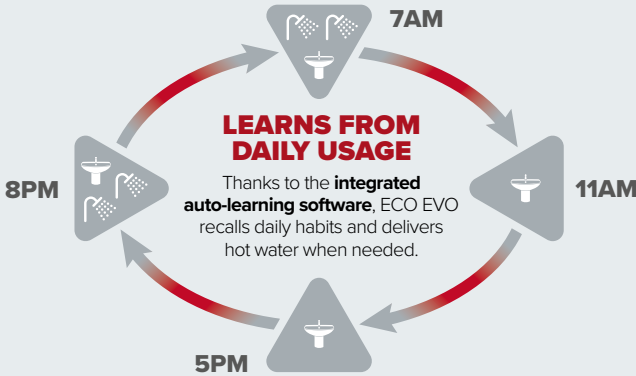
- / Mobile homes
- / Glamping pods
- / Cabins

## KEY FEATURES:

### ECO EVO - SMART FUNCTION

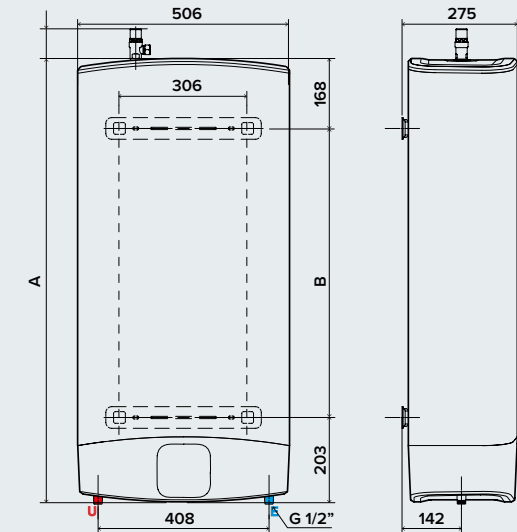
The innovative **ECO EVO** function memorises user habits to deliver hot water while saving up to 14% on energy bills. The product operates in compliance with top standards on energy efficiency within the electric water heating category.

## UP TO 14% ENERGY SAVINGS



### TWIN TANK TECHNOLOGY

Get up to **16% more hot water** with all models in the Velis Evo range, which boasts an innovative, high quality **titanium enamelled twin tank structure** for added durability. **Reduced stratification** with the unique twin tank technology, providing **extra hot water** and a **hot shower in 50 minutes**.



- VELIS 45**

A = 776mm    B = 405mm
- VELIS 80**

A = 1251mm    B = 880mm

LEGEND  
E Cold water inlet G 1/2"    U Hot water outlet G 1/2"

TECHNICAL DATA	45	80
Description		
Installation	Vertical	Vertical
Actual Capacity (Litres)	45	80
Power (kW)	1.5/1.5	1.5/1.5
Body Colour	Polar White	Polar White
Voltage (V)	220-240	220-240
Frequency (Hz)	50/60	50/60
V40 (l)	77	115
IP Protection	IPX4	IPX4
Max Working Temp (°C)	65	65
ErP Rating	B	B
Tapping Profile	M	M
Warranty	5 years	5 years
Aqua Ariston Net Compatibility	No	No
Heating Times (ΔT=45°C)	1h	1h 52m
Standing Losses [kWh/24h] @65°C	0.96	1.32
Product Codes (including unvented kits)	3626305	3626306





# PRO1 ECO

## ELECTRIC STORAGE WATER HEATER



PRO1 ECO  
50 / 80 / 100 litre

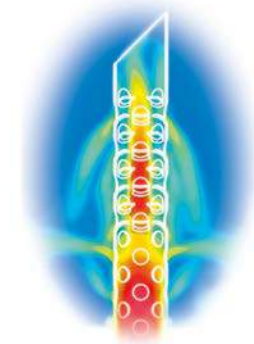
## WATERPLUS TECHNOLOGY

# ENJOY THE COMFORT OF AN EXTRA HOT SHOWER



The ground-breaking patented **WaterPlus technology** keeps the incoming cold water at the bottom of the tank, thus **reducing the mix of cold and stored hot water**.

This allows up to **16% more hot water available\***, to let you enjoy the comfort of an extra hot shower anytime you want.



## ECO EVO FUNCTION

# THE HOT WATER YOU WANT, ANYTIME

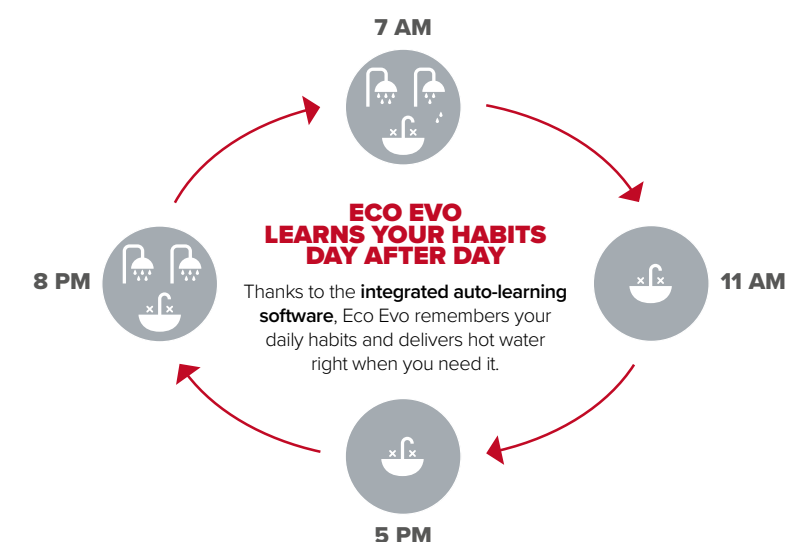


The innovative **Eco Evo function powered by CoreTECH** memorises your daily habits to give you hot water only when you need it, thus allowing you to save energy and reduce costs.

### MAXIMUM SAVING AT HOME

Operating in compliance with top standards on energy efficiency within the electric water heating category, Eco Evo function is so smart that it learns from your habits and remembers when and how much hot water you use.

This ensures a 14% saving on your electric bill.



\* Maximum estimated saving, depending on models. Comparison made using V40 test results at maximum operating temperature between current ATG products and new ATG products equipped with WaterPlus Technology.

## TITANSHIELD TECHNOLOGY INNOVATIVE TANK PROTECTION FOR EXTENDED DURABILITY

Ariston has always been committed to developing products that last through time. For this reason, the water heater is equipped with the exclusive **TitanShield**, Ariston's double action technology that offers best tank protection with **titanium enameling** and **enhanced magnesium anode**.



### / STRONG PROTECTION AGAINST CORROSION

The inner surface of the tank is coated with a **titanium enamel**, while the **magnesium anode** prevents corrosion of the tank's inner surface and prolongs the life of your water heater.

### / MINERAL BARRIER AGAINST LIMESCALE

Thanks to its unique properties, titanium naturally produces a dioxide film that **prevents limescale forming** on the inner surface of the tank.



## ITALIAN DESIGN MODERN DESIGN FOR DOMESTIC AND LIGHT COMMERCIAL SPACES

A contemporary alternative to hot water cylinders, created by the Italian design Umberto Palermo. Engineered and manufactured in Italy with high quality materials for your peace of mind.

### / ALL-ROUND QUALITY

Rounded shape, sleek aesthetic finishes and no visible screws. All enhanced with new materials for optimised performance.

### / USER FRIENDLY INTERFACE

The advanced hi-tech display offers an intuitive interface and provides easy and precise temperature management.

## TOTAL SAFETY FOR YOUR PEACE OF MIND



The **Absolute Safety System** is a set of functions preserving the good functioning of the product in case of energy or water failures.

The safety package includes:

### / ANTI OVERHEATING:

In the event of an error, the high-precision electronic thermostat will shut off the heating cycle, thus **avoiding risk of burning out** due to overheating of the element.

### / ANTI FREEZING:

In cold areas, frozen water can damage the water heater severely. This function keeps the water at a **minimum temperature of 5°C** even when the unit is turned off.

### / DRY HEATING AUTO-DIAGNOSIS:

Should there be a **lack of water in the tank**, the water heater is able to **detect** this and **prevents the heating cycle** from starting and damaging the unit.

### / ANTI LEGIONELLA:

Once a month, the unit will automatically raise the temperature of the water stored inside it to 65°C, in order to **eliminate the risk of legionella bacteria developing** and **keep the water healthy**.

## T-MAX FUNCTION FOR UNEXPECTED HOT WATER NEEDS

Thanks to the new T-MAX function Pro1 Eco is able to speed up the production of hot water to meet unexpected hot water needs.

### THE PRO1 ECO FAMILY





PRO1 ECO



- The Pro1 Eco is Ariston’s electric storage water heater available in 50, 80, and 100 litre capacities. The unit’s display allows for easy temperature setting and control.
- / WaterPlus technology for up to 16% more hot water availability\*
  - / Save up to 14% on energy bills with "Eco Evo" function powered by CoreTech
  - / Absolute safety system including anti-legionella function, raising water temperature to 65°C on a monthly basis to eliminate legionella bacteria
  - / Precise electronic temperature setting
  - / Titanshield technology for optimal tank protection
  - / T-MAX function to face unexpected hot water needs
  - / Premium insulation material
  - / Magnesium anode to fight corrosion
  - / Modern shape with "Ariston Wave"
  - / Smart intuitive interface
  - / Supplied with unvented kit (see page 93)

\* Maximum estimated saving based on testing conducted at maximum operating temperature between current and new Ariston products equipped with WaterPlus Technology

ENERGY RATING



ITALIAN  
DESIGN



ECO  
DISPLAY



HIGH EFFICIENCY  
INSULATION



TITAN  
SHIELD



SHOWER  
READY



ABSOLUTE  
SAFETY  
SYSTEM



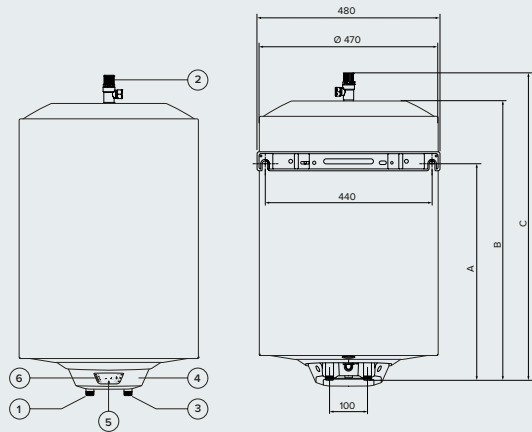
ECO EVO  
FUNCTION



WATER  
PLUS

TYPICAL APPLICATIONS

- / 1-2 bedroom properties
- / Small hospitality and retail units
- / Cylinder replacement installations



Legend

- 1 Hot water outlet (1/2 male BSP)
- 2 Temperature and pressure relief valve
- 3 Cold water inlet (1/2 male BSP)
- 4 Control cover
- 5 Regulation keyboard
- 6 Heating LED

Model	A	B	C
50	365	531	605
80	570	736	810
100	722	888	962

TECHNICAL DATA	50	80	100
Description			
Installation	Vertical	Vertical	Vertical
Thermostat	Electronic	Electronic	Electronic
Power (kW)	3	3	3
Voltage (V)	230-240	230-240	230-240
Max Working Temperature (°C)	65	65	65
Heat-Up Time (ΔT 45°C) (mins)	60	97	128
Heat Dispersion At 65°C (kWh/24h)	0.92	1.25	1.43
V40 (Litres)	65	92	130
IP Protection	IPX3	IPX3	IPX3
ErP Class	B	B	B
ErP Tapping Profile	M	M	M
Weight When Empty (kg)	17	22	26
Weight When Full (kg)	66	97	121
Heat Loss (kWh/24h)	0.917	1.253	1.434
Maximum Inlet Pressure (Rated Pressure) (bar)	12	12	12
Maximum Design Pressure (bar)	6	6	6
Set Operating Pressure	6	6	6
Expansion Valve (bar)			
Pre-charge Pressure Of The Expansion Vessel (bar)	3.5	3.5	3.5
Set Opening T&P Relief Valve (bar)	7	7	7
Capacity (Litres)	49	75	95
Product Codes (including unvented kits)			
	3820019	3820020	3820021



WATERPLUS TECHNOLOGY

Ariston's groundbreaking WaterPlus technology keeps the incoming cold water at the bottom of the tank, reducing the mix with stored hot water.

Up to 16% more hot water available.

# AQUA ARISTON NET

Management and control of your water heating system have never been easier and more comfortable. The Aqua Ariston Net app connects you with your water heater wherever you are, ensuring always-on comfort, up to 25% energy savings and total peace of mind. Hot water is always available whenever you need it, to let you enjoy a relaxing shower after a long day outside.

## WITH AQUA ARISTON NET, THE POSSIBILITIES ARE ENDLESS:

- / Set and manage the water temperature.
- / Receive a real time notification when a shower is ready.
- / Schedule weekly shower needs for the whole family.
- / Change working mode (Eco Evo, Programming, etc.)
- / Monitor consumption patterns to save up to 25% on energy bills every year.
- / Check out energy-saving tips for a more responsible and eco-friendly use of the water heater.
- / In case of system failure, get alerts providing an error description of the problem to facilitate technical assistance.

## ONLY 4 STEPS TO CONNECT



**1** DOWNLOAD THE AQUA ARISTON NET APP FOR FREE



**2** CREATE AN ACCOUNT

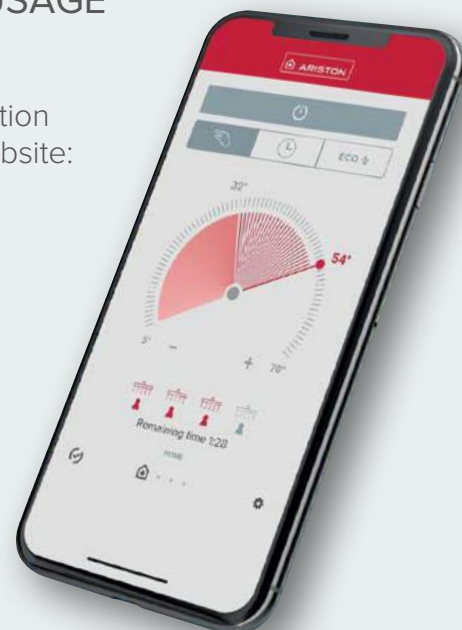


**3** START WI-FI CONNECTION



**4** SIGN IN TO THE APP AND START MONITORING YOUR HOT WATER USAGE

For further information please visit our website:  
[ariston.com/uk](http://ariston.com/uk)



# INSTALLATION KITS

In order to fit a Velis Evo Wi-Fi, Velis Evo or Pro1 Eco, it is mandatory to install all the following kits (as supplied with the products):

## KIT A

12L Expansion Vessel & Non-return Valve



The expansion vessel prevents any build-up of pressure within the domestic hot water system, while the non-return valve stops any backflow of hot water into the cold water main.

## KIT B

Combination valve



The Ariston Combination Valve comprises a pressure reducing valve, a pressure relief valve, a check valve and a filter. The valve will control the mains supply pressure for to adjust to max. inlet pressure.

## KIT C

Discharge Tundish



In the event the hot water system over pressurises, water is discharged via the 6 bar pressure relief valve and the tundish visually indicates a discharge is occurring.

# UK CERTIFIED PRODUCTS

All Ariston Thermo products purchased through an official UK stockist are UK certified and compliant to UK building regulations. To ensure warranty coverage and safety of installation please make sure you are installing a product that is intended for trade within the UK.







# INSTANTANEOUS WATER HEATERS

## UNLIMITED HOT WATER IN AN INSTANT

With their sleek design, compact size and innovative features, Ariston instantaneous water heaters are extremely efficient and easy to install, even where space is at a premium.

Get hot water precisely when needed and in the right amount by simply opening the tap, with no pre-heating time or space necessary to store it. This eliminates heat loss and reduces energy consumption and as a result, our instantaneous water heaters boast the ErP energy class 'A', the top level of energy efficiency in the instant electric water heating sector.

No more time or energy wasted when waiting for water to heat up. Get ready to enjoy instant hot water on tap.



# AURES SLIM MULTI

## ELECTRIC INSTANTANEOUS WATER HEATER



AURES SLIM MULTI  
9.5kW

## INSTANT HEATING TECHNOLOGY

### INSTANT COMFORT AND UNLIMITED HOT WATER



The Aures Slim Multi electric instantaneous water heater uses electricity to **instantly deliver hot water at the desired temperature** thanks to its **powerful heating element** which heats water as soon as it flows through the unit.



**Suitable for installation in small, narrow spaces**, such as under a kitchen sink. As a result, the unit is suitable for applications including utility rooms, garages and conservatories, as well as kitchens and bathrooms.

## ENERGY CLASS 'A'

### THE ULTIMATE ENERGY EFFICIENT SOLUTION

Aures is the most efficient way to provide hot water at the point of use. The Aures Slim Multi boasts ErP energy class 'A', achieving top level of energy efficiency in the electric water heating segment. **All the electricity** taken from the electric network **is converted** into the necessary amount of hot water needed by the user. **The water is not pre-heated** and it is not stocked in a tank: an effective approach to **eliminate heat loss and reduce energy consumption**.

## TOTAL SAFETY SYSTEM

### THE PEACE OF MIND YOU ARE LONGING FOR



The **Double Pole Earth Leakage Circuit Breaker (ELCB)** prevents electric shocks, integrating with a total safety device system that **avoids the damage of the product**. If a dangerous voltage is detected, the device will interrupt the electrical circuit as a safety measure.



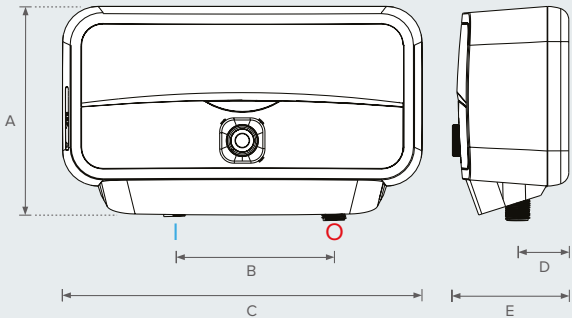
# AURES SLIM MULTI



Aures Slim Multi is a great way to supply one or several water outlets with instant hot water. Get hot water precisely when needed and in the right amount by simply opening the tap, with no pre-heating time or space necessary to store it.

- / Multi-point model to supply multiple hot water outlets (not simultaneously)
- / Front-facing dial and LED indication for ease of operation
- / Flow sensor system
- / 4-step dial to set desired power
- / Double thermal cut out for complete peace of mind
- / Easy to maintain with frontal access to internal components
- / Sleek cover of water inlet and outlet pipes
- / Elegant brushed front panel
- / Space saving compact size
- / Premium Italian design

ENERGY RATING



	SM 9.5 240V EU
A	178mm
B	135mm
C	304mm
D	45mm
E	98mm

- LEGEND
- Cold water inlet G 1/2"
  - Hot water outlet G 1/2"

TYPICAL APPLICATIONS

- / Studio apartments
- / Annexes
- / En-suite rooms

ITALIAN DESIGN

EASY INSTALLATION

EASY MAINTENANCE

EXTERNAL POWER REGULATION

MULTI POINT

DOUBLE SAFETY THERMOSTAT

ENERGY EFFICIENT

COMPACT SIZE

TECHNICAL DATA 9.5kW

Efficiency	
ERP Rating	A
Electrical Data	
Voltage On Tech Label (V)	240
Ampere	39.6
Frequency (Hz)	50/60 Hz
Power & Performance	
Power (kW)	9.5
Step Power (kW)	4.5 + 5
Phase	Mono
Max Working Temperature (°C)	55
Characteristics	
Max Working Pressure (bar)	8
Safety Value (Y/N)	Y
Heating Element	Copper
Inner Tank Type	Plastic
Water Connection Size (inch/BSP)	1/2" BSP
Min Flow Rate (l/min)	2.1
IP Protection Degree	IP24
Tapping Profile	XS
Product Code	
3520028	

Flow rate & temperature rise

This is the temperature rise you can expect from your Aures Slim Multi 9.5 depending on the flow rate:

		Power		
		4.5 kW	5 kW	9.5 kW
Flow rate l/min	3 lt/min	22°C	24°C	45°C
	4 lt/min	16°C	18°C	34°C
	5 lt/min	13°C	14°C	27°C

Therefore, at a full power setting of 9.5kW you can expect to achieve the following outlet temperatures depending on the flow rate:

		Inlet Temperature	Flow rate		
			3 lt/min	4 lt/min	5 lt/min
Summer	20°C		55*	54	47
Average	12°C		55*	46	39
Winter	5°C		50	39	32

For example, a main water supply at 12°C using a flow rate of 4 litres/min will result in an outlet temperature of 46°C.

\* Please note, the max. working temperature for the Aures Slim Multi is 55°C.



# NEXT EVO X

## GAS INSTANTANEOUS WATER HEATER



NEXT EVO X  
11 / 16 litre

### ELECTRONIC IGNITION WITH FLAME IONISATION

## REDUCED CONSUMPTION AND EMISSIONS

Next Evo X is equipped with an electrical gas valve and an electronic ignition system with flame ionisation which replaces the pilot flame. This enables it to offer greater advantages compared to devices with a pilot flame, which include a 20% drop in operating costs, lower NOx emissions, and zero chance of malfunctioning due to the extinction of the pilot flame due to wind, air currents or poor flame regulation.

### COMPACT SIZE

## PERFECT FOR INSTALLATION WHERE SPACE IS AT A PREMIUM



Due to its compact size (from 165 mm in depth), our gas instantaneous water heater is perfect for retrofitting in applications which have a high demand for hot water but only limited space available.

### HIGH HYDRAULIC SENSITIVITY

## OUTSTANDING PERFORMANCE IN EVERY CONDITION



Next Evo X is the ideal choice for all types of domestic hot water needs. Thanks to its high hydraulic sensitivity, it is able to operate perfectly even with a minimum water flow rate of 2.5 l/min and water pressure of 0.1 bar.



# NEXT EVO X



Next Evo X is a gas instantaneous water heater featuring a premium Italian design and LED display with easy user interface.

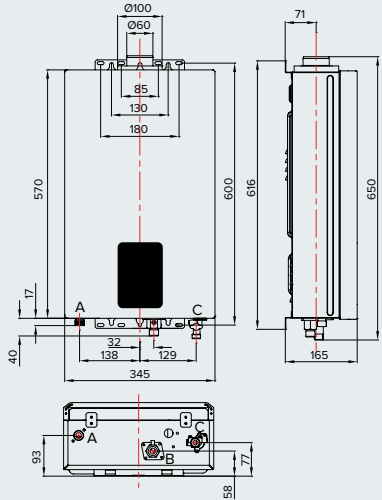
- / Oxygen free copper heat exchanger
- / Built-in temperature stabilisation
- / Ultra compact – from 165mm in depth
- / Low NOx emissions with lean-rich burner
- / Energy-saving ECO function
- / Post ventilation system & overheat sensor for safety
- / Available in 11L LPG & 16L Natural Gas models\*
- / Low minimum water pressure at 0.2 bar
- / Low minimum working flow rate at 2.5l/min
- / Conversion kits available for both models

\*Gas conversion kits available

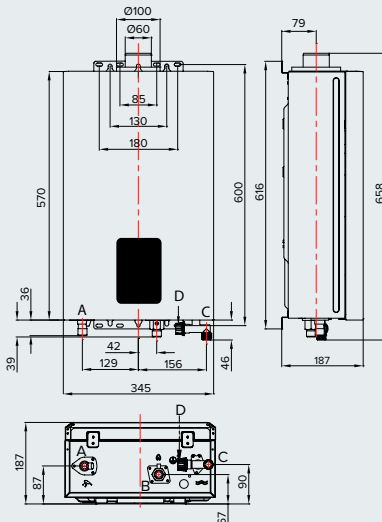
## ENERGY RATING



## NEXT EVO X - 11



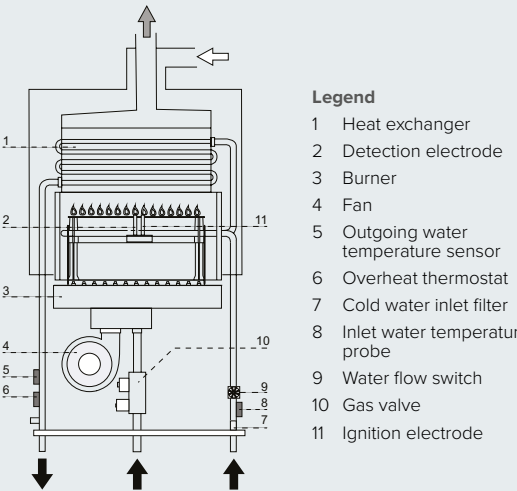
## NEXT EVO X - 16



## NEXT EVO X

A	1/2" domestic hot water outlet
B	1/2" gas inlet
C	1/2" cold water inlet
D	Drain valve

## WATER CIRCUIT DIAGRAM



## Legend

- Heat exchanger
- Detection electrode
- Burner
- Fan
- Outgoing water temperature sensor
- Overheat thermostat
- Cold water inlet filter
- Inlet water temperature probe
- Water flow switch
- Gas valve
- Ignition electrode

## TECHNICAL DATA

### Efficiency

	11	16
ERP Rating	A	A
Load Profile	M	XL
Gas Type	LPG	Natural Gas
Weight (kg)	13.0	15.0
Maximum Nominal Heat Input (kW)	22.0	30.0
Minimum Nominal Heat Input (kW)	8.0	9.5
Minimum Working Pressure (bar)	0.2	0.2
Minimum Operating Flow Rate (l/min)	2.5	2.5
Nominal Flow Rate with $\Delta T@25^{\circ}\text{C}$ (l/min)	11.0	16.0
Power Supply Voltage/Frequency (V/Hz)	230 / 50	230 / 50
Nominal Noise Level (dB)	58.0	63.0
IPX Protection Level	IPX2	IPX2
Max Outlet Water Temperature ( $^{\circ}\text{C}$ )	65.0	65.0
Min Outlet Water Temperature ( $^{\circ}\text{C}$ )	35.0	35.0
Ambient Minimum Working Temperature ( $^{\circ}\text{C}$ )	5.0	5.0
Overall Dimensions (H x W x D) (mm)	570x345x165	570x345x187

### Product Code

3632535

3632533

### Table of flue gas exhaust duct lengths

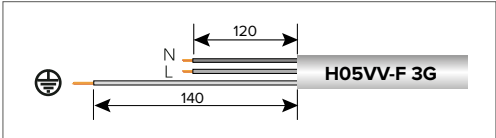
Type	Maximum Extension Exhaust-air (m)		Diameter of pipe (mm)
	NEXT EVO X 11/16		
	MIN	MAX	
C13	0.6	8	60/100

### Flues and accessories

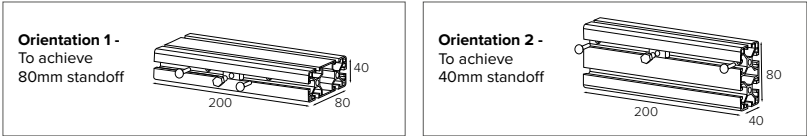
Code	Description
3318000	Horizontal Flue Kit 60/100 (SE)
3319050	Vertical Starter with Horizontal Terminal Kit 60/100 (SE)
3318003	90° Coaxial Elbow (SE)
3318004	45° Coaxial Elbow (Pack of 2) (SE)
3318005	Coaxial Extension - 1000mm (SE)
3318006	Coaxial Extension - 500mm (SE)
3318007	Coaxial Extension - 250mm (SE)
3318008	Vertical Starter (SE)
3318855	Vertical Flue with Black Terminal 60/100 (SE)
3632495	Conversion Kit from LPG to NG (For 11 Model)
3632498	Conversion Kit from NG to LPG (For 16 Model)
3318009	Black Lead Flashing Base Cap 18-44"
3318011	Black Vent Cap Base for Flat Roof
3318015	Wall Bracket Kit (80 - 125mm) (Pack of 3)
3024085	Thermostatic Mixing Valve 3/4" 35-60°C

### Electrical connections

The power supply cable must be connected to a 230V-50Hz network, where the L-N poles and the earth connection are all respected.



### Rear spacer installation



## TYPICAL APPLICATIONS

- / Kitchens & bathrooms
- / Loft conversions
- / Utility rooms

## HOT WATER | HEATING | RENEWABLES

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