



ARISTON

COMFORT. ALWAYS ON

HOT WATER



HOT WATER | HEATING | RENEWABLES

ariston.com/uk

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COMFORT IS AT THE HEART OF ALL WE DO

ARISTON'S COMMITMENT TO CUSTOMERS

With over 20 years of experience in the UK, the Ariston Thermo Group is well aware of the challenges in creating water heating 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 water heating 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.



HISTORY OF ARISTON



IN THE BEGINNING

Aristide Merloni founds the Industrie Merloni in the Marche Region of Italy, starting the production of weighing scales.

1930s



HOT WATER

With nearly 600 employees and 5 plants, the company starts the production of gas cylinders and electric water heaters.

1960s

HEATING

Already a market leader in water heating, the company enters the heating sector and starts producing boilers.

1980s



GLOBAL EXPANSION

The company continues to develop its product range, establishing a presence in new countries throughout the world.

1990s

REBRANDING

The Group changes its name from MTS to Ariston Thermo as it establishes itself as a global leader in the heating and water heating industry.

2000s

NEW INNOVATIONS

EVO range launched in 2012, followed by Andris Lux electric water heaters in 2015. NUOS Plus heat pump water heater launched in 2017.

2010s



COMFORT CHALLENGE

September: The Ariston Thermo Group launches "The Ariston Comfort Challenge", the first global campaign for the Ariston brand.

2018





ELECTRIC WATER HEATING



WHY ELECTRIC?

Electricity is becoming the preferred sustainable energy option, with the UK generating more of it from low carbon and renewable sources than ever before. Electric systems are quiet, clean, efficient and easy to operate, plus they don't emit any harmful greenhouse gases or nitrogen dioxide. As people become more environmentally conscious, coupled with future building projects looking to move away from traditional gas, electric products are set to become more frequently installed well into the future.

WHY ELECTRIC WATER HEATING?

Electric 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.

WHY ARISTON WATER HEATING?

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 "Path to 2022" business strategy.

Ariston offers a range of high-quality vented, unvented and instantaneous electric 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.

Whether it's a product to conserve energy, save money or simply fit in a tight space, Ariston's water heaters have got everything covered.

ARISTON, GREEN ENERGY AND THE ENVIRONMENT

Saving energy is one of the main challenges facing the UK today. As a result, it is important to take the necessary steps to reduce carbon emissions and curb climate change. Fortunately, there are now regulations in place making it easier to identify and select the most energy efficient products.



ENERGY RELATED PRODUCTS (ERP)

All water heaters marketed in Europe have to comply with a series of mandatory environmental requirements that guarantee:

- / Greater annual energy savings
- / Less polluting emissions being released into the atmosphere.

ErP guidelines are split into two sections:

1

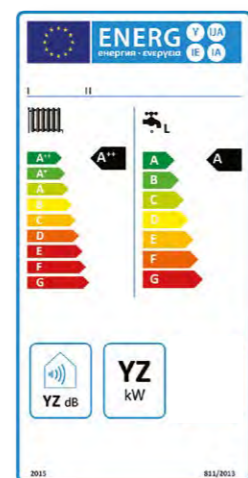
ECODESIGN

Ecodesign sets the minimum energy performance and environment criteria for energy products; they must comply in order to bear a CE mark and be available for sale.

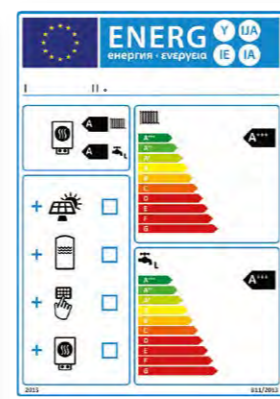
2

ENERGY LABELLING

In addition, all products and systems for heating, producing and storing hot water have to be labelled with an energy classification ranging from A++ to G. These labels make it easier to identify the most efficient products, with those rated A++ being the most economical available.



The product energy label



The system energy label

NEXT STEPS

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.

ENERGY EFFICIENCY AND NEW TECHNOLOGY

As the world's leading manufacturer of water heating equipment, Ariston continues to demonstrate its commitment to helping homeowners reduce their carbon footprint through the research and development of innovative and eco-friendly products.

For more information and documentation on ErP and energy labelling, visit the Ariston website: www.ariston.com/uk



ARISTON'S HOT WATER RANGE

PRODUCT SELECTOR

APPLICATION							
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	
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 - 12-13



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

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

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
3820017	30L O/SINK 3kW (including Kits A, B & C)	3100306	10L U/SINK 2kW
		3100309	15L U/SINK 3kW
		3100310	15L U/SINK 2kW

SEE PAGE - 18-19



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

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

* Dual heating elements do not turn on simultaneously

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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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ARISTON
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PICCOLO

SMALL VENTED WATER HEATER



COMPACT SIZE



SUPER SILENT



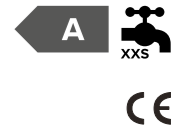
ENERGY EFFICIENT

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.

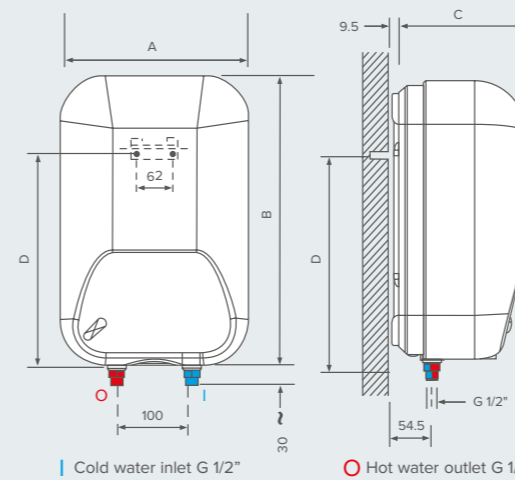
ENERGY RATING



- / 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



PICCOLO

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



TECHNICAL DATA PICCOLO OVERSINK

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 code	3100525

ANDRIS RANGE

SMALL UNVENTED WATER HEATERS

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.



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.

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.

DURABILITY

All Andris water heaters boast a titanium enamelled tank and an incredibly high-quality construction, utilising copper heating elements for advanced durability.



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.



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.



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

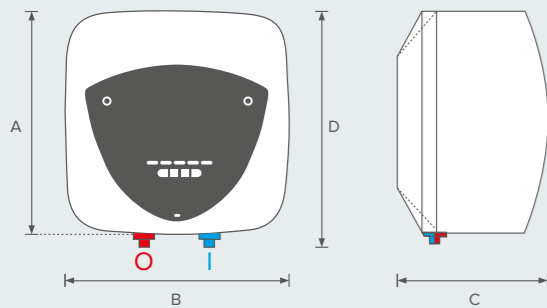


The Andris Lux Eco from Ariston is a small unvented electric water heater, encompassing leading Italian design, energy efficiency, durability, usability and safety. This premium model also boasts new features, including anti-legionella and anti-overheating functions.

ENERGY RATING



- / '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



	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		ANDRIS LUX ECO				
Description	10L O 2.5kW	10L U 2.5kW	15L O 2.5kW	15L U 2.5kW	30L O 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	3820018*	

* includes unvented kits



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.

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.



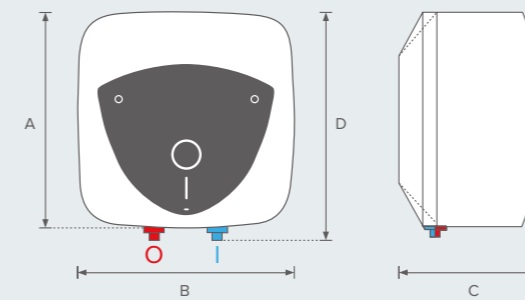
ANDRIS LUX



The Andris Lux 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



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

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

TECHNICAL DATA		ANDRIS LUX			
Description	6 O 1.5 kW	10 O 3kW	10 U 3kW	10 U 2kW	
Type	Unvented	Unvented	Unvented	Unvented	
Capacity (Litres)	6	10	10	10	
Installation	Undersink	Oversink	Undersink	Undersink	
ErP Class	B	A	B	B	
Element Rating (kW)	1.5	3	3	2	
Tapping Profile	XXS	XXS	XXS	XXS	
Heating Time (min)	15	12	12	17	
Unit Weight (kg)	5.1	6.7	6.7	6.7	
Heat Loss 65°C (kWh)	0.42	0.46	0.71	0.71	
Product codes	3626292	3100302	3100303	3100306	

TECHNICAL DATA		ANDRIS LUX			
Description	15 O 3kW	15 U 3kW	15 U 2kW	30 O 3kW	
Type	Unvented	Unvented	Unvented	Unvented	
Capacity (Litres)	15	15	15	30	
Installation	Oversink	Undersink	Undersink	Oversink	
ErP Class	A	B	B	C	
Element Rating (kW)	3	3	2	3	
Tapping Profile	XXS	XXS	XXS	S	
Heating Time (min)	18	18	26	30	
Unit Weight (kg)	7.5	7.5	7.5	11.2	
Heat Loss 65°C (kWh)	0.61	0.85	0.85	0.75	
Product codes	3100308	3100309	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.

TYPICAL APPLICATIONS

- / Garages
- / Washrooms
- / Holiday lets



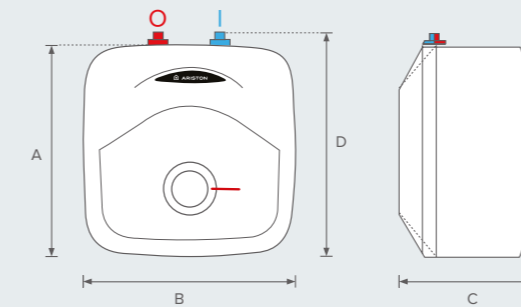
ANDRIS R



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

TECHNICAL DATA ANDRIS R

Description	10 UR 2kW	10 UR 3kW	15 UR 2kW	15 UR 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	3100865	-	3100866	-
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.

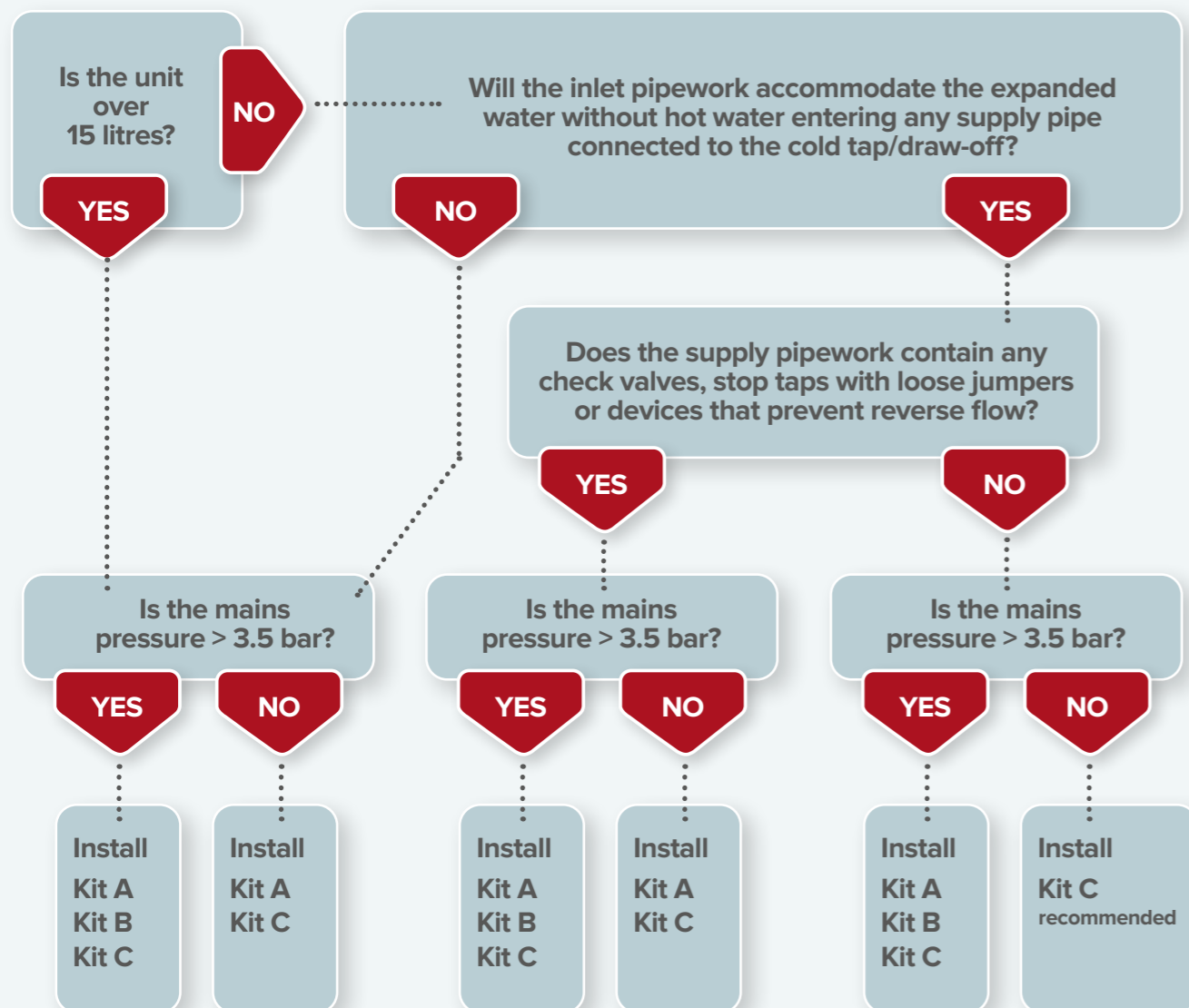
TYPICAL APPLICATIONS

- / Warehouses
- / Workshops
- / Converted outbuildings

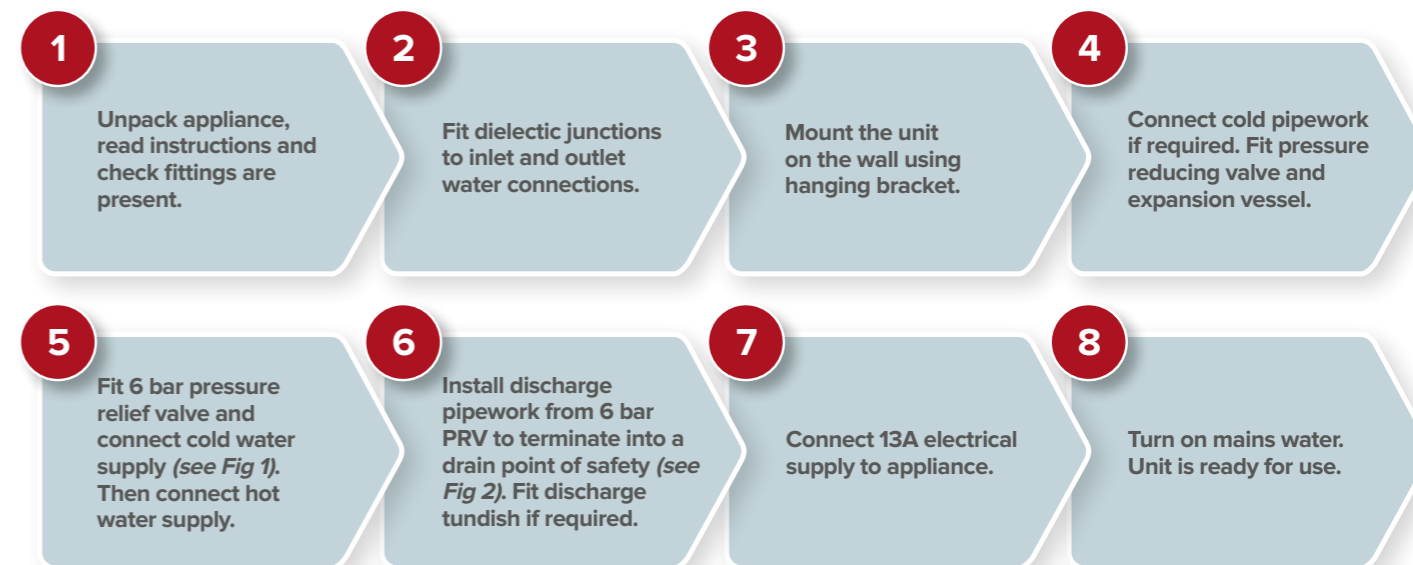


ANDRIS RANGE - WHICH KIT DO YOU NEED?

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 - HOW EASY IS IT TO INSTALL?



ANDRIS RANGE - INSTALLATION

Fig 1

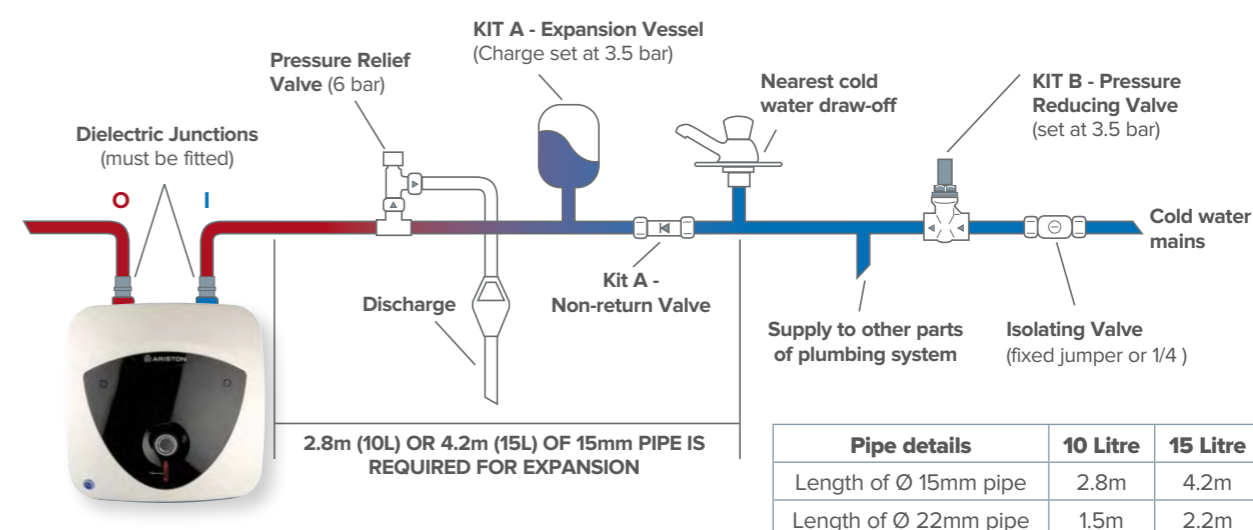
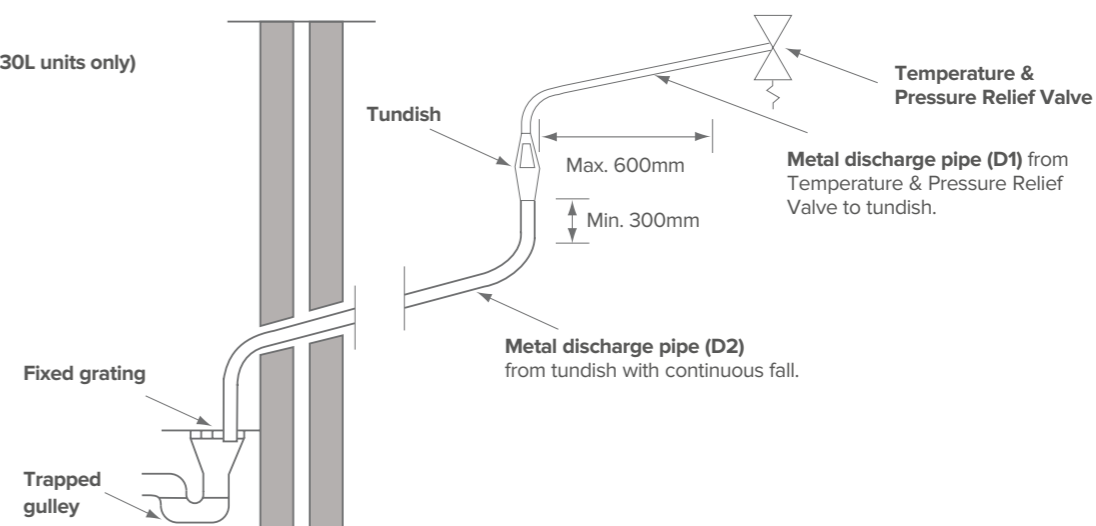


Fig 2

(Applicable to 30L units only)



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



VELIS EVO RANGE

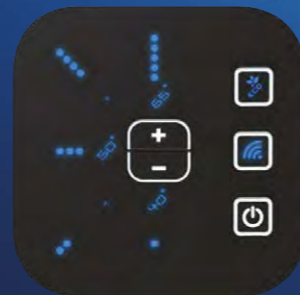
WALL HUNG ELECTRIC STORAGE WATER HEATER

Ariston's revolutionary Velis Evo and Velis Evo Wi-Fi electric storage water heaters are the perfect blend of comfort and design. Boasting an ultra slim (27cm depth) twin tank design for up to 16% more hot water availability, these technologically advanced, slimline products have a best in class ErP rating and are available in capacities of 45 and 80 litres.



VELIS EVO
45 & 80 litre
1.5kW

VELIS EVO WI-FI
45 & 80 litre
3kW



Panel shown is for the Velis Evo Wi-Fi

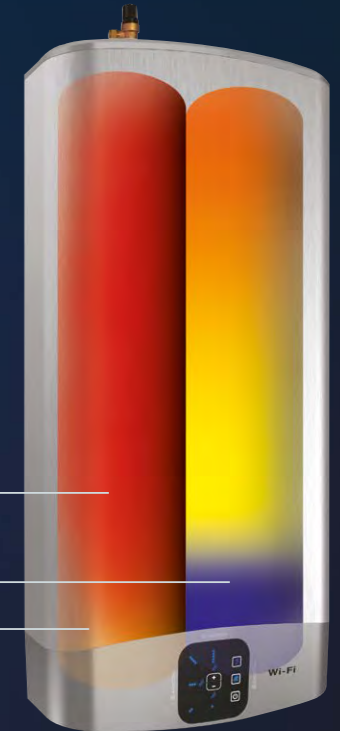
LED TOUCH DISPLAY

Velis Evo and Velis Evo Wi-Fi are equipped with a smart touch screen display clearly indicating water temperature through blue LED lights. Temperature control and the Eco Evo function are both directly accessible on screen.



TWIN TANK TECHNOLOGY

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.*



Hot water does not mix with the cold water coming in
Cold water in - Tank 1
Hot water - Tank 2



SLIMLINE

All Velis Evo units are ultra slim, measuring just 27cm deep.



AQUA ARISTON NET

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.



ECO EVO FUNCTION

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.



INDUSTRY-LEADING WARRANTIES

All Velis Evo wall hung electric storage water heaters are supplied with a five-year warranty as standard.

* Velis Evo Wi-Fi Only

VELIS EVO WI-FI

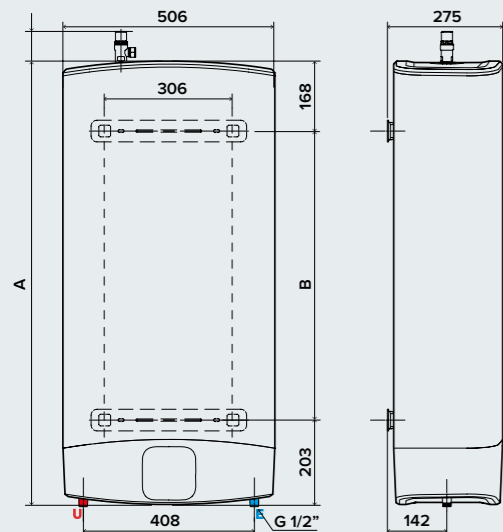


The Velis Evo Wi-Fi offers optional smartphone control, allowing users to plan their next hot shower from wherever they are. With weekly programming through the app, users can save up to 25% on energy bills and monitor consumption whenever and wherever they are.

- / 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 35

* Only draws max. 3kW at any given time

ENERGY RATING



TECHNICAL DATA	VELIS EVO WI-FI	
Description	45	80
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

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"



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

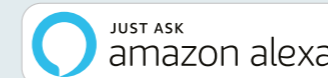
- / Set and manage the water temperature.
- / Receive a real time notification when a shower is ready.
- / Schedule weekly shower needs for all the family.
- / Change working mode (Eco Evo, Programming, etc.)
- / Monitor consumption patterns to save up to 25% on energy bills every year.
- / Check out 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 35

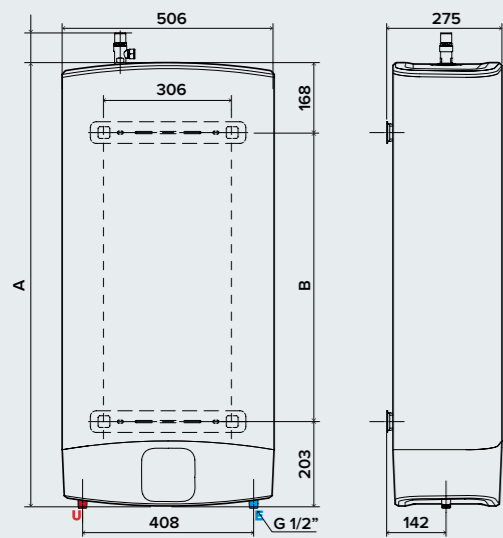
* Only draws max. 1.5kW at any given time

ENERGY RATING



TYPICAL APPLICATIONS

- / Mobile homes
- / Glamping pods
- / Cabins



Description	VELIS EVO	
	45	80
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



VELIS 45

A = 776mm B = 405mm

VELIS 80

A = 1251mm B = 880mm

LEGEND

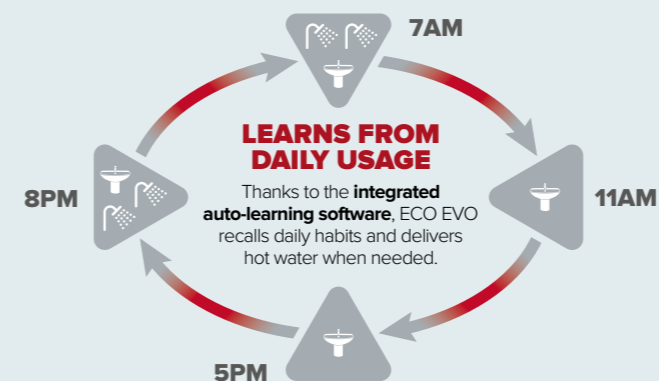
E Cold water inlet G 1/2" U Hot water outlet G 1/2"

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**.

Cold water in - Tank 1
Hot water - Tank 2



PRO1 ECO

WALL HUNG ELECTRIC STORAGE WATER HEATER

The Pro1 Eco is a wall mounted electric storage water heater available in 50, 80, and 100 litre capacities. It is suitable for small and medium sized domestic environments, as well as light commercial settings and offers innovative features to improve energy efficiency and hot water availability.



EXCEPTIONAL ENERGY RATING

Reduce energy bills by 14% with the "Eco Evo" function – saving enough electricity to run an A+ rated fridge-freezer for approximately a year.



TITANIUM PLUS TECHNOLOGY

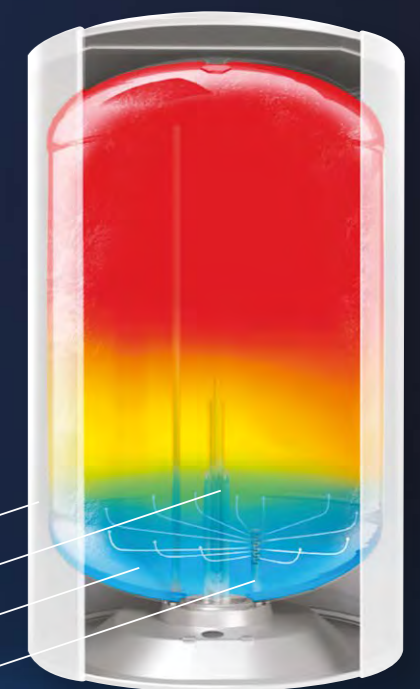
The inner surface of the tank is enamelled with a layer of titanium, an anti-corrosion and rust-resistant material, which prevents the surface from corroding – even when in contact with warm water.



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.



- Insulation
- Heating element
- Cold water
- Deflector



INDUSTRY-LEADING WARRANTIES

All Pro1 Eco wall hung electric water heaters are supplied with a five-year warranty as standard.

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 35)

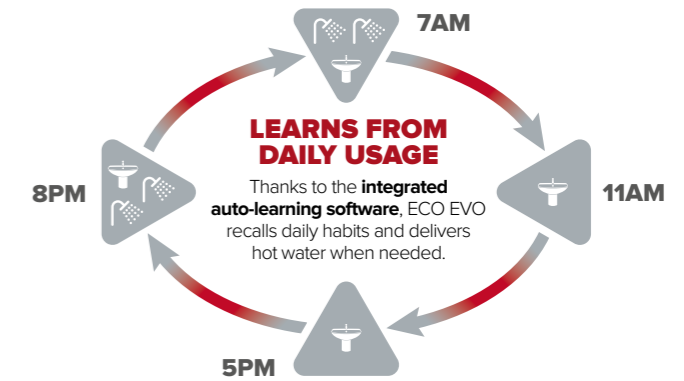
* Maximum estimated saving based on testing conducted at maximum operating temperature between current and new Ariston products equipped with WaterPlus Technology



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

TITANSHIELD PROTECTION

The inner surface of the tank is enamelled with a layer of titanium, an anti-corrosion and rust-resistant material, which prevents the surface from corroding – even when in contact with warm water. Titanium's natural properties are boosted by the action of a large magnesium anode that stops the oxidation reactions on the tank's inner surface, prolonging the life of the water heater.

TYPICAL APPLICATIONS

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



Legend

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

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

TECHNICAL DATA	PRO1 ECO		
	50	80	100
Description	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 Expansion Valve (bar)	6	6	6
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 Kit)	3820019	3820020	3820021

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 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 THE AQUA ARISTON NET APP FOR FREE



Also compatible with Apple HomeKit & Google Home



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



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.



AURES SLIM MULTI

ELECTRIC INSTANTANEOUS WATER HEATER

Aures Slim Multi is a great way to supply one or several water outlets with instant hot water (one outlet at a time - not simultaneously).



ADVANCED PERFORMANCE

Aures can instantly provide unlimited hot water at the desired temperature, whenever and wherever required. Users do not have to wait for the water to heat up – it is provided precisely when needed and in the right amount by simply opening the tap.

MAXIMUM COMFORT

A front facing 4-step dial and LED indication ensures ease of operation, while also allowing the power to be set to the desired level for optimal comfort.

COMPACT SIZE

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.



EXCEPTIONAL ENERGY RATING

The Aures Slim Multi has an 'A' class ErP energy rating, making it the most efficient method of providing water at the point of use. There is no energy loss, as water is heated instantaneously as it flows through the unit.



MULTI POINT

As a multi-point model, the Aures Slim Multi can supply multiple outlets, such as a sink and shower (one outlet at a time), with instant hot water on demand, as and when required.



EASY MAINTENANCE

All internal components can be accessed from the front of the unit for easy maintenance, while a double thermal cut-out ensures safety and added peace of mind.



INDUSTRY-LEADING WARRANTIES

All Aures Slim Multi electric instantaneous water heaters are supplied with a two-year warranty as standard.

AURES SLIM MULTI



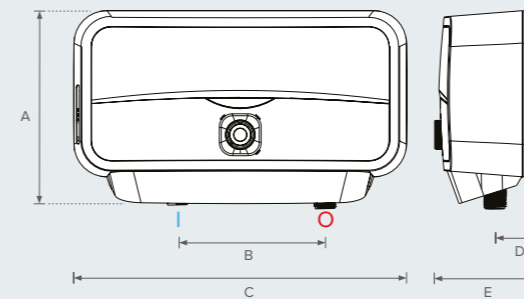
Aures Slim Multi is a great way to supply one or several water outlets with instant hot water. Get hot water precisely when needed and in the right amount by simply opening the tap, with no pre-heating time or space necessary to store it.

- / 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



ELECTRIC INSTANTANEOUS WATER HEATER 9.5



	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

TECHNICAL DATA	AURES SLIM MULTI
Description	9.5kW
Efficiency	
ERP Rating	A
Electrical Data	
Voltage On Tech Label (V)	240
Ampere	39.6
Frequency (Hz)	50/60Hz
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 Valve (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:

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

The Next Evo X gas instantaneous water heater is perfect for retrofitting in applications which have a high demand for hot water. With its sleek, user-friendly design, compact size and innovative functions, the unit is extremely efficient and simple to use.



FLAT BODY

Next Evo X has a flat body with a depth of only 16.5cm, making it a perfect compact fit or retrofit product for leisure and commercial environments with a high demand for hot water.



ENERGY EFFICIENT

All Next Evo X water heaters have an oxygen-free 99.9% copper heat exchanger and built-in temperature stabilisation, while an efficient burner ensures low NOx emissions (from 45mg/kWh). In addition, Ariston's renowned ECO function automatically regulates the unit's power, in turn reducing emissions and fuel consumption.



LED DISPLAY

A user-friendly, intuitive LED display includes easy to use buttons to select the hot water delivery temperature and make water flow adjustments.



INDUSTRY-LEADING WARRANTIES

All Next Evo X gas instantaneous water heaters are supplied with a two-year warranty as standard.

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
- / Rear spacer supplied with the product for horizontal flueing

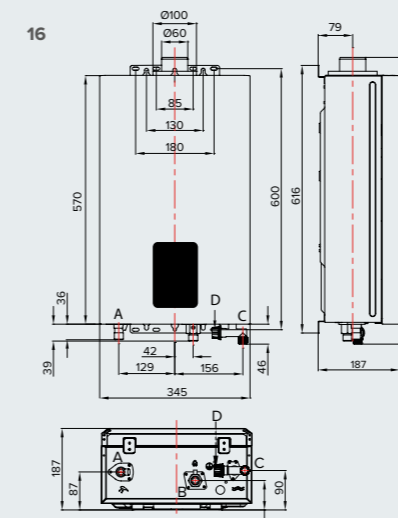
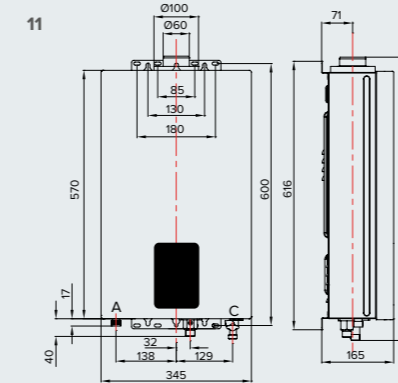
*Gas conversion kits available

ENERGY RATING



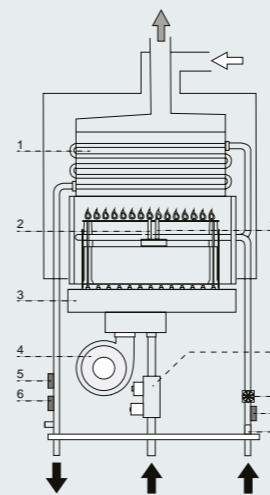
TYPICAL APPLICATIONS

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



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	NEXT EVO X	
Capacity	11	16
ERP Energy Class	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 ΔT@25°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 (°C)	65.0	65.0
Min Outlet Water Temperature (°C)	35.0	35.0
Ambient Minimum Working Temperature (°C)	5.0	5.0
Overall Dimensions (H x W x D) (mm)	570 x 345 x 165	570 x 345 x 187
Product Code	3632535	3632533

Table of flue gas exhaust duct lengths

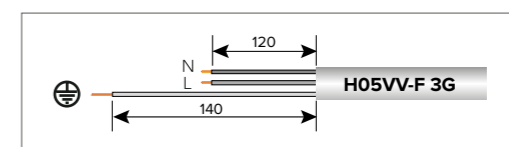
Type	Maximum Extension Exhaust-air (m)		Diameter of pipe (mm)
	NEXT EVO X 11/16		
	MIN	MAX	
C13	0.6	8	60/100

Flues and accessories

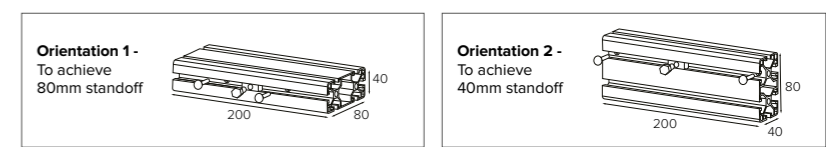
Code	Description
3318000	Horizontal Flue Kit 60/100 (SE)
3319050	Vertical Starter with Horizontal Terminal Kit 60/100 (SE)
3318003	90° Coaxial Elbow (SE)
3318004	45° Coaxial Elbow (Pack of 2) (SE)
3318005	Coaxial Extension - 1000mm (SE)
3318006	Coaxial Extension - 500mm (SE)
3318007	Coaxial Extension - 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



— THE —
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