POCKET RANGE GUIDE

ARISTON

HOT WATER I HEATING I RENEWABLES





HOT WATER
ELECTRIC WATER HEATERS
UNVENTED CYLINDERS



HEATINGGAS BOILERS



RENEWABLES SOLAR THERMAL HEAT PUMP WATER HEATERS

WHY ARISTON?



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GUIDE CONTENTS

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EVERYTHING CHANGES: SEPTEMBER 2015

Starting from 26th September 2015, ErP and energy labelling regulations will be effective in Europe for heating and water heating products (boilers, heat pumps, micro-cogeneration devices, water heaters, and hot water storage tanks).

We're committed to energy efficiency and leading the way in ecodesign. The ErP directive will help consumers and installers reduce carbon emissions and energy costs.

ErP GUIDELINES ARE SPLIT INTO TWO SECTIONS:

ECODESIGN

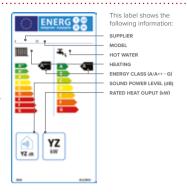
Ecodesign sets the minimum energy performance and environment criteria for energy products. Products must comply in order to bear a CE mark and be available for sale.

ENERGY LABELLING

All products and systems for heating, producing and storing hot water will need to be labelled with an energy classification ranging from A++ to G. These labels will make it easier to identify the most efficient products with A++ being the most economical.

THE PRODUCT LABEL

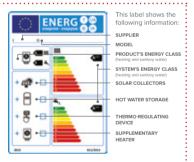
Each product type has its own label design – this example is for a Combi boiler. The label shows information to help users select the most efficient product with the lowest environmental impact (e.g. power and consumptions in different climate areas, noise etc).



THE SYSTEM LABEL

When an installer fits a boiler and a cylinder, or a boiler with modulating controls, this is considered a 'system'.

The installer must produce a system label that reflects the efficiency of the whole system.



NEW EUROPEAN REGULATION ErP FROM 26TH SEPTEMBER 2015

ALL THE RESOURCES YOU NEED AT YOUR FINGERTIPS ariston.com/uk/erp



Electric Water Heaters

RANGE FEATURE KEY:



Energy Efficient



Super Silent



Compact Size



Italian Design



Titanium Plus



External Temperature Regulation



PICCOLO

















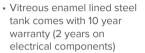




ST100



- Open outlet electric water heater
- 5 litre capacity
- External temperature control
- · Heating indicator light
- 9 minute reheat time
- Equipped with directional spout
- Mains pressure or gravity feed



- 100 litre capacity wall-hung unit
- Protech anti-corrosion system for durability
- Supplied with control kit for ease of installation
- Space saving wall-hung unit
- Environmentally sound and highly-efficient insulation



OUR	PRODUCT	ErP	TAPPING	OUTPUT	CAPACITY	REHEAT TIME
REFERENCE	CODE	CLASS	PROFILE	(KW)	(LITRES)	(ΔT= 50°C)
PICCOLO'	3100525 (oversink)	А	xxs	2	5	9mins

OUR REFERENCE	PRODUCT CODE	ErP CLASS	TAPPING PROFILE	CAPACITY (LITRES)	HEAT LOSS (24HR)	REHEAT TIME *TESTED TO EN12897
ST100	3820016	С	L	100	1.26 kWh	1:12hrs

ANDRIS LUX (NEW GENERATION OF

ARISTON











ANDRIS LUX

New Generation of Europrisma



THE NATION'S

ANDRIS LUX

An evolution in water heaters New generation of Europrisma

HOT WATER | HEATING | RENEWABLES



- · 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 ten easy steps



SEE PAGES 14-17 FOR INSTALLATION INFORMATION

OUR REFERENCE	PRODUCT CODE	ErP CLASS	TAPPING PROFILE	OUTPUT (KW)	CAPACITY (LITRES)	REHEAT TIME (ΔT= 50°C)
ANDRIS100	3100302 (O)	А	XXS	3	10	12mins
ANDRIS10U	3100303 (U)	В	XXS	3	10	12mins
ANDRIS10U2	3100306 (U)	В	XXS	2	10	17mins
ANDRIS150	3100308 (O)	А	XXS	3	15	18mins
ANDRIS15U	3100309 (U)	В	XXS	3	15	18mins
ANDRIS15U2	3100310 (U)	В	XXS	2	15	26mins
ANDRIS300+AB	3820017 (O)*	С	S	3	30	36mins

(O)* = supplied with Kits A. B + C. O = Over-sink, U = Under-sink

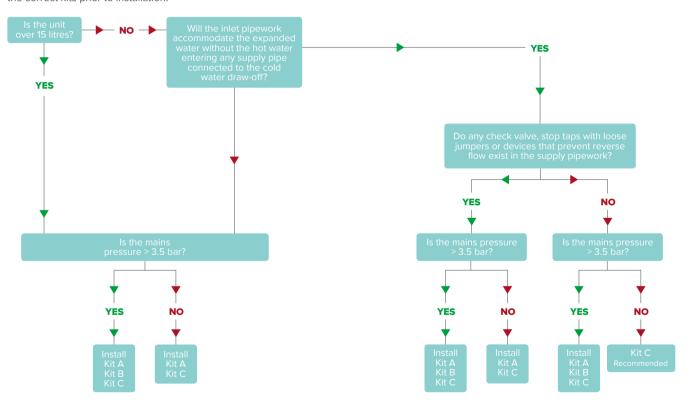
ariston.co.uk



The ANDRIS LUX' electric water heaters should be installed with different kits depending on the configuration.

The following guidelines are designed to help select the correct kits prior to installation.

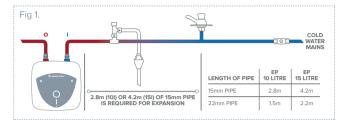




^{*} ANDRIS LUX 30L units come complete with Kits A. B + C.

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Installation



- 1. Carefully unpack the appliance and read the installation instructions.
- 2. Make sure all the fitting components are present:
 - a. 6bar pressure relief valve.
 - b. Dielectric junctions (Connections for the appliance).
 - c. Wall hanging bracket.
- 3. Fit dielectric junctions to inlet and outlet water connections.
- 4. Mark the wall as outlined in the instruction booklet. Drill and affix the hanging bracket to the wall. Carefully hang the appliance on to the wall brackets.
- 5. Turn off and isolate cold water supply. Tee into supply and, if required, fit pressure reducing valve and expansion vessel. Fit 6bar PRV and connect cold water supply to appliance inlet (see Fig. 2).
- Fig 2. (Applicable to 10L & 15L units only).

 KIT A EXPANSION VESSEL

 (Charge alvet 3.5 bar)

 NEAREST COLD WATER

 (Braid)

 DISCHARGE

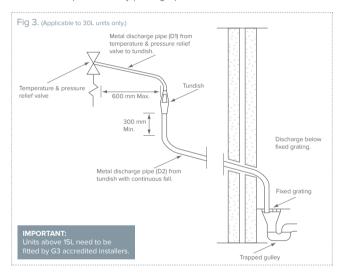
 KIT A NON-RETURN VALVE

 (Inseed jumper or 144 barn ball type)

 SUPPLY TO OTHER PARTS

 OF PLUMBING SYSTEM

- 6. Connect hot water outlet on appliance to the domestic hot water system.
- 7. Install discharge pipe from the 6bar pressure relief valve to terminate in to a drain or point of safety (see Fig. 3).



- 8. Connect the 13amp electrical supply to appliance.
- 9. Turn on cold mains water supply to fill appliance.
- 10. Commission appliance in accordance with the installation manual.







CLASSICO HE



























AQUABRAVO



- 10 Models 125 500 litres (direct and indirect)
- · Steel tank with exclusive vitreous enamel coating
- 25 year tank warranty, 2 years on electrical components
- · All plumbing and electrical connections within a 90° angle
- · Environmentally sound and highly efficient insulation
- Secondary return tapping
- Magnesium anodes to protect against corrosion
- · Supplied with fitting kit

10 Models – 80 - 305	litres
(direct and indirect)	

- 25 year tank warranty, 2 years on electrical components
- · Stainless steel tank
- · All plumbing and electrical connections within a 90° angle
- · Global Warming Potential (GWP) <5, Ozone Depletion Potential (ODP) 0
- · Supplied with fitting kit



DIRECT	OUR REFERENCE	PRODUCT CODE	ErP CLASS	TAPPING PROFILE	CAPACITY (LITRES)	HEAT LOSS (24HR)	DIRECT REHEAT TIME *TESTED TO EN12897 70%
	STD125	3060398	С	M	215	1.60 kWh	1:46 hrs
	STD150	3060399	С	L	255	1.73 kWh	2:10 hrs
	STD210	3060400	С	XL	305	1.97 kWh	2:54 hrs
	STD300	3060401	D	XL	300	2.43 kWh	4:37 hrs
	STD500	3060402	D	XL	495	4.02 kWh	3:18 hrs (6kW)
INDIRECT	OUR REFERENCE	PRODUCT CODE	ErP CLASS	TAPPING PROFILE	CAPACITY (LITRES)	HEAT LOSS (24HR)	INDIRECT REHEAT TIME *TESTED TO EN12897 70%
	STI125	3060379	С	-	125	1.60 kWh	18 mins
	STI150	3060380	С	-	150	1.73 kWh	18 mins
	STI210	3060381	С	-	210	1.97 kWh	27 mins
	STI300	3060382	С	-	300	2.43 kWh	44 mins
	STI500	3060383	С	-	500	4.02 kWh	58 mins

DINEC	OUR REFERENCE	PRODUCT CODE	ErP CLASS	TAPPING PROFILE	CAPACITY (LITRES)	HEAT LOSS (24HR)	DIRECT REHEAT TIME *TESTED TO EN12897 70%
	ITD130	3070520	С	L	130	1.40 kWh	2:03hrs
	ITD150	3070521	С	L	150	1.68 kWh	2:24hrs
	ITD215	3070522	D	XL	215	1.93 kWh	3:17hrs
	ITD305	3070523	D	L	305	2.27 kWh	4:56hrs
	OUR REFERENCE	PRODUCT CODE	ErP CLASS	TAPPING PROFILE	CAPACITY (LITRES)	HEAT LOSS (24HR)	INDIRECT REHEAT TIME *TESTED TO EN12897 70%
	ITI80	3070462	С	-	80	1.20 kWh	10mins
	ITI130	3070463	С	-	130	1.40 kWh	18mins
	ITI150	3070464	С	-	150	1.68 kWh	22mins
	ITI215	3070465	С	-	215	1.93 kWh	24mins
	ITI255	3070466	С	-	255	2.26 kWh	31mins
	ITI305	3070467	D	-	305	2.31 kWh	34mins

AQUABRAVO TWIN COIL















- connections within a 60° angle • Factory Fitted T&P relief valve
- to meet all WRAS and Building Regulations for the UK
- · Unvented control kit supplied with cylinder
- · Environmentally sound and highly efficient thermal insulation providing cost savings whilst being friendly to the environment
- · Range: available in 3 capacities: 215L, 255L and 305L
- · Combine with an Ariston solar thermal kit for a durable energy efficient system

ı	OUR REFERENCE	PRODUCT CODE	ErP CLASS	CAPACITY (LITRES)	HEAT LOSS (24HR)	INDIRECT REHEAT TIME *TESTED TO EN12897 70%
	ITSI215	3826529	С	215	1.13 kWh	17 mins
	ITSI255	3826530	С	255	1.29 kWh	20 mins
	ITSI305	3826531	С	305	1.49 kWh	24 mins

ADVANTAGES OF UNVENTED SYSTEMS

ADVANTAGES OF AN UNVENTED SYSTEM

- · Hot and cold water supply to all outlets at mains pressures · Drinking water at all cold water outlets,
- as water is supplied directly from the incoming mains water pipe
- Good shower flow and cold water supply giving wider choice of taps and fittings
- · No storage tank in the loft freeing up potentially valuable loft space and removing risk of:
- Water stagnation
- Frost damage to pipes

- · Lower insurance premiums due to the absence of stored water in the loft
- · Greater system design and flexibility Simpler plumbing system – less pipework.

less time, less cost

TRADITIONAL OPEN-VENT SYSTEM **UNVENTED INDIRECT & SEALED** HEATING SYSTEMS UNVENTED DIRECT SYSTEM & ELECTRIC SPACE HEATING







E-COMBI evo

ARISTON

























E-SYSTEM evo





				Wireless A On/Off Pro Thermosta
OUR REFERENCE	PRODUCT CODE	CH Output (kW)	DHW flow (I/min) @AT 35°C	Installatio Rear Pipin Metal Tem Extended
ECOM24	3300753	21.5	10.3	Main Flue
ECOM30	3300755	27.3	12.9	60/100 Ho Vertical St
ECOM38	3300756	30.2	15.6	Vertical St
ErP CL# (HEATING/HO			G PROFILE	(requires 3 Plume Kit

- · Intelligent 'AUTO' function ensures smart management of the room temperature, providing maximum energy efficiency
- · Robust Stainless Steel Heat exchanger
- · High hot water flow rates
- Lox NOx rating (Class 5)
- · Includes connection kit and filling loop
- · LPG Conversion kit included as standard

Accessories

Wired Accessories

Wireless Accessories	
On/Off Programmable Room Thermostat	3318632
Installation Accessories Rear Piping Chassis Metal Template Extended Warranty	3678411 3318246 3318461
Main Flue Components 60/100 Horizontal Coaxial Kit Vertical Starter Vertical Flue Kit - Black/Red (requires 3318079)	3318073 3318079 3318080/81
Plume Kit Pitched Roof Flashing (Black)/(Red)	3318329 3318009/10

Intelligent 'AUTO' function ensures
smart management of the room
temperature, providing maximum
energy efficiency

- Robust Stainless Steel Heat exchanger
- Lox NOx rating (Class 5)
- · Includes connection kit and filling loop
- LPG Conversion kit included as standard
- · These boilers also come with a fittings kit, filling loop and mains service tap should you wish to connect the pipework from the cold main directly to the boiler

Code

Accessories

Wired Accessories On/Off Room Thermostat SENSYS System Interface Multi-zone Interface Outdoor Sensor	3318594 3318585 3318636 3318588
Wireless Accessories On/Off Programmable Room Thermostat	3318632
Installation Accessories Rear Piping Chassis Metal Template Extended Warranty	3678411 3318246 3318461
Main Flue Components 60/100 Horizontal Coaxial Kit	3318073

Main Flue Components	
60/100 Horizontal Coaxial Kit	3318073
Vertical Starter	3318079
Vertical Flue Kit - Black/Red	3318080/8
(requires 3318079)	
Plume Kit	3318329
Pitched Roof Flashing	3318009/10

(Black)/(Red)





OUR REFERENCE	PRODUCT CODE	CH Output (kW)
ESYS24	3300757	21.5
ESYS30	3300758	27.3
	CLASS (HEATIN	
	А	

A/A

CLAS HE evo



































CLAS HE SYSTEM evo

CLAS HE REGULAR















- · Intelligent 'AUTO' function ensures smart management of the room temperature. providing maximum energy efficiency
- · Robust Stainless Steel Heat exchanger
- Lox NOx rating (Class 5)
- · Includes connection kit and filling loop
- LPG Conversion kit included as standard
- High hot water flow rates

For accessories turn to page 32

65 67 67 65 A B C D E

OUR REFERENCE	PRODUCT CODE		CH Output (kW)	DHW flow (I/min) @ΔT 35°C	ErP CLASS (HEATING/ HOT WATER)	TAPPING PROFILE	
CLAS24	3300745	5 Years	21.5	10.3	A/A	XL	
CLAS30	3300746	5 Years	27.3	12.9	A/A	XL	
CLAS38	3300747	5 Years	30.2	15.6	A/A	XL	
CLAS24Y8	3826537	8 Years	21.5	10.3	A/A	XL	
CLAS30Y8	3826538	8 Years	27.3	12.9	A/A	XL	
CLAS38Y8	3826539	8 Years	30.2	15.6	A/A	XL	
CLAS24Y12	3826540	12 Years	21.5	10.3	A/A	XL	
CLAS30Y12	3826541	12 Years	27.3	12.9	A/A	XL	
CLAS38Y12	3826542	12 Years	30.2	15.6	A/A	XL	



- · Robust Stainless Steel Heat exchanger
- · Lox NOx rating (Class 5)
- · Includes connection kit and filling loop
- · LPG Conversion kit included as standard
- · These boilers also come with a fittings kit, filling loop and mains service tap should you wish to connect the pipework from the cold main directly to the boiler

For accessories turn to page 33





OUR REFERENCE	PRODUCT CODE		CH Output (kW)	ErP CLASS (HEATING)
CLASSYS18	3300749	5 Years	17.6	A
CLASSYS24	3300750	5 Years	21.5	Α
CLASSYS30	3300751	5 Years	27.3	A
CLASSYS18Y8	3826543	8 Years	17.6	A
CLASSYS24Y8	3826544	8 Years	21.5	A
CLASSYS30Y8	3826545	8 Years	27.3	A
CLASSYS18Y12	3826546	12 Years	17.6	Α
CLASSYS24Y12	3826547	12 Years	21.5	A
CLASSYS30Y12	3826548	12 Years	27.3	Α







OUR REFERENCE	PRODUCT CODE	CH Output (kW)	ErP CLASS (HEATING)
CLASR24	3300748	24.1	А
	5 Years	3	

30

•	Intelligent 'AUTO' function
	ensures smart management

- · Robust Stainless Steel Heat exchanger
- Lox NOx rating (Class 5)
- Compact dimensions
- Two zone temperature management
- · LPG conversion kit available

Accessories

	Code
Wired Accessories	
On/Off Room Thermostat	3318594
Outdoor Sensor	3318232
Installation Accessories	
Rear Piping Chassis	3678411

Rear Piping Chassis Metal Template 3318246

Main Flue Components 60/100 Horizontal Coaxial Kit 3318073 Vertical Starter Vertical Flue Kit - Black/Red (requires 3318079) Plume Kit Pitched Roof Flashing (Black)/(Red)

3318079 3318080/81 3318329

Code

3318009/10



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Flues & Accessories

COAXIAL S'	YSTEMS 60/100
3318073	Horizontal Coaxial Kit - 1000mm
3318074	Horizontal Coaxial Kit + Vertical Starter
3318075	90° Coaxial Elbow
3318076	45° Coaxial Elbow (Pack of 2)
3318465	Coaxial Extension – 2000mm
3318077	Coaxial Extension – 1000mm
3318078	Coaxial Extension – 500mm
3318079	Vertical Starter
3318080	Vertical Flue with Black Terminal
3318081	Vertical Flue with Red Terminal
3318329	Plume Kit (inc. 1000mm Horizontal Terminal)
3318105	Plume Extension (Ø60mm) – 1000mm
3318106	Plume 45° Elbow (Ø60mm) – Pack of 2

COAXIAL SY	/STEMS 80/125
3318090	Horizontal Coaxial Kit + Adaptor (Ø60/100 – Ø80/125mm)
3318091	90° Coaxial Elbow
3318092	45° Coaxial Elbow
3318093	Coaxial Extension (Ø80/125mm – 1000mm)
3318494	Coaxial Extension (Ø80/125mm – 500mm)
3318095	Adaptor/Vertical Starter (Ø60/100 – Ø80/125mm)

3318200	Adaptor (Ø80/125 – Ø60/100)
3318369	Adaptor (Ø60/80) for Twin Pipe Systems
3318370	Horizontal Twin Pipe Flue Kit (80mm)
3318084	90° MF Elbow
3318085	45° MF Elbow (Pack of 2)
3318086	Extension (Ø80mm) – 1000mm
3318087	Extension (Ø80mm) – 500mm
3318088	Adaptor (Ø80/125 – Ø80mm) for Vertical Termination
3318089	Adaptor (Ø80/125 – Ø80/80mm) for Vertical Termination
3318027	Stainless Steel Exhaust Cap (Ø80mm)
3318028	Intake Vent Cap

3318009	Black Lead Flashing Base Cap 12 – 40°
3318010	Red Lead Flashing Base Cap 12 – 40°
3318011	Back Vent Cap Base for Flat Roof
3318015	Wall Bracket Kit (80 – 125mm) (pack of 3)
3318016	Cover Plate (100mm)
3318780	Plume Deflector (45°)

Flues & Accessories

Coaxial Systems 60/100 Horizontal installation with no plume kit. Product code: 3318073 - Horizontal Coaxial Kit

Coaxial Systems 60/100	
Horizontal installation with	
coaxial piping utilising a plume kit.	
Product code:	
3318329 - Plume Kit	

Coaxial Systems 60/100

Vertical installation with coaxial piping on a pitched roof.

Product code:

3318079 - Vertical Starter

3318080 - Vertical Flue

3318077 - Coaxial Extension - 1000mm

3318009 - Black Flexible Flashing Base Cap 12 - 40°

3318010 - Red Flexible Flashing Base Cap 12 – 40°

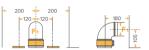


Flue Turrets

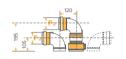
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E-COMBI evo & E-SYSTEM evo

Coaxial exhaust



Twin pipe exhaust



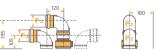


CLAS HE evo, CLAS HE SYSTEM evo & CLAS HE R

Coaxial exhaust



Twin pipe exhaust



Max Flue Lengths

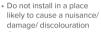
OUR REFERENCE	18 FF	24 FF	30 FF	38 FF
Horizontal Coaxial 60/100 (m)	14	12	10	7
Horizontal Coaxial 80/125 (m)	42	36	30	20
Vertical Coaxial 60/100 (m)	14	12	10	7
Vertical Coaxial 80/125 (m)	42	36	30	20
Twin Pipe (equal lengths*)	36 + 36	24 + 24	26 + 26	16 + 16

Flue Terminal Positions

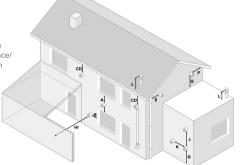
Ariston boilers are designed to be completely adaptable to every possible flue situation that may be encountered during installation.

The need for alteration to flue components is almost completely eliminated, making installation of the boiler quick and easy. It is possible to site flue terminals in a variety of positions in accordance with BS5440-1:2008.

Note



- Carport installations are not acceptable with HE appliances
- Products should
- not cross property boundaries (2.5 metres)



Terminal Position

A:	Directly above/below an opening, air brick, opening windows, etc	300	
B:	Horizontally to an opening, air brick, opening windows, etc	300	
C:	Below gutters, soil pipes or drain pipes	75	
D:	Below eaves	200	
E:	From vertical drain or soil pipe	75	
F:	From an internal or external corner	300	
G:	Above ground roof or balcony level	300	
H:	From a surface facing the terminal	600	
l:	From a terminal facing the terminal	1200	
J:	Vertically from a terminal on the same wall	1500	
K:	Horizontally from a terminal in the same wall	300	
L:	Fixed by use of terminal and matched flashing plate	-	

mm



Control / 'AUTO' Function

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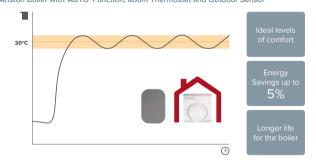
The advanced 'AUTO' function ensures intelligent management of the room temperature whilst guaranteeing maximum energy efficiency and offering energy savings. By pressing the 'AUTO' button on the control panel, the boiler will automatically choose the ideal temperature for the central heating circuit by gradually increasing

the temperature of the system water until the room reaches the set temperature, whilst guaranteeing no excessive peaks in the flow temperature. When used in conjunction with the extensive range of controls, the 'AUTO' function ensures greater levels of comfort and savings are achieved.

Condensing Boiler with an On/Off Room Thermostat



Ariston Boiler with 'AUTO' Function, Room Thermostat and Outdoor Sensor



Ariston Boiler with 'AUTO' Function and On/Off Room Thermostat*



Ariston Boiler with 'AUTO' Function, Sensys, Modulating Room Sensor and Outdoor Sensor*

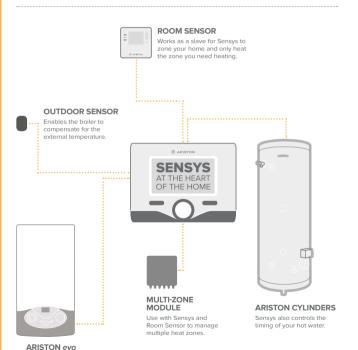


*Compared to a standard condensing boiler

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Controls & Accessories

Sensys is the controller which will control your complete heating system. Working with other products in the Ariston portfolio, comfort and energy saving go hand-in-hand.





Room Thermostat On/Off (Wired)

WIRED CO	WIRED CONTROLS			
3318594	Room Thermostat On/Off (Wired)			
3318585	SENSYS System Interface			
3318588	Outdoor Sensor			
3318232	Outdoor Sensor (CLAS HE REGULAR)			





Modulating Room Sensor (Wired)



Outdoor Sensor (Wired)



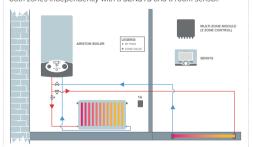
Programmable Room Thermostat (RF)

GENERAL ACCESSORIES					
3318636	Multi-Zone Module				
3678411	Rear Piping Chassis				
3318246	Metal Template				
3318461	5 Year Extended Warranty Package (E-COMBI/E-SYSTEM evo only)				

Programmable Room Thermostat (RF)

3318632

With the current range of boilers and controls available, Ariston makes it easy to manage up to 3 temperature zones independently. For example, should the heating system consist of an underfloor installation (low temperature) and a traditional radiator type installation (high temperature) it is possible to control both zones independently with a SENSYS and a room sensor.



BOILER

Use with the 'AUTO' function to add further cost and energy savings.



NEWABLES

RENEWABLES INTRODUCTION

Renewables Introduction

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

This is demonstrated in our Renewable products, including the Ariston range of Solar Thermal products, offering both vertical and horizontal panels, as well as the AQUABRAVO TWIN COIL unvented cylinders.

Further evidence of Ariston's commitment to innovation can be found in the Ariston NUOS, a Heat Pump Water Heater that offers the perfect alternative to electric hot water cylinders, or for properties off the gas grid.

As the heat pump unit on the NUOS is combined with the cylinder, installers need no F-Gas Qualifications to fit and need only G3 qualifications meaning NUOS really is 'Pluq and Play'.

Solar Thermal

	l - CF2.0 Solar Panels & Fixing Kits			
3020055	CF2.0 Collector			
3024017	Connection Kit - 1 Collector (incl. Air Vent)			
3024018	Connection Kit - Additional Collector			
3107025	Rail Kit			
3024103	Ground/Flat Roof Frame (CF2.0, XP2.5V)			
Solar Thermal - XP2.5 Solar Panels & Fixing Kits				

Solar Thermal - XP2.5 Solar Panels & Fixing Kits					
3020058	KAIROS XP2.5 V (Portrait Collector)				
3020057	KAIROS XP2.5 H (Landscape Collector)				
3024093	Connection Kit - 1 Collector (XP2.5)				
3024094	Connection Kit - Additional Collector (XP2.5)				
3024098	Air Vent				
3024103	Ground/Flat Roof Frame (XP2.5 V)				
3024105	Ground Flat Roof Frame (XP2.5 H)				

Solar Therma	I - Accessories
3024256	Pump Group Pro 20-70
3024340	Solar Manager Izy
3024319	Expansion Vessel (24L)
3820001	20I Solar Fluid
3024069	Insulated Flexible Twin Pipes - 10m

SOLAR PANEL 2.0

Solar Panel 2.0





- Aperture area 1.82m≤
- Absorber area 172m
- · Frame: grey anodized aluminium
- Insulation: 50mm rockwool
- · Special solar glass high transparency, tempered, anti reflective and prismatic

- Low mounting profile
- EN12975 approved
- · Absorber plate: High grade copper with TINOX titanium coating

Product code 3020055

OUR REFERENCE	PRODUCT CODE				ABSORBER AREA (M²)
SOLCF2.0	3020055	2002mm	1002mm	38kg	1.74
SOLXP2.5V	3020058	2241mm	1128mm	48kg	2.227
SOLXP2.5H	3020057	1128mm	2241mm	48kg	2.242









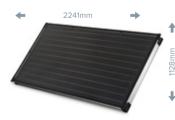
X.P 2.5 Vertical

- Aperture area 2.256m
- Absorber area 2.227m<
- · Frame: grey anodized aluminium
- Insulation: 50mm rockwool
- Special solar glass high transparency, tempered, anti reflective and prismatic
- Low mounting profile
- EN12975 approved
- · Absorber plate: High grade copper with TINOX titanium coating
- · Weight: 48kg

1128mm

Product code XP 2.5V 3020058

X.P 2.5 Horizontal



Product code XP 2.5H 3020057

- Aperture area 2.259m≤
- Absorber area 2.242m≤ · Frame: grey anodized
- aluminum Insulation: 50mm rockwool
- · Special solar glass high transparency, tempered, anti reflective and prismatic
- · Low mounting profile
- EN12975 approved
- · Absorber plate: High grade copper with TINOX titanium coating
- · Weight: 48kg











NUOS Introduction

NUOS, a philosophy of energy efficiency and total peace of mind.

GREEN

BOOST

AUTO

Flexible Programming



With the **NUOS** heat pump water heater, it is possible to set two water draw off times. By monitoring both the stored water and the ambient air temperatures **NUOS** will start automatically to ensure that the stored water reaches the desired temperature at the time set by the user.

Co-efficient of performance

- (COP) 2.8
- 3 magnesium anodes to
- · Back up heating element
- 'Plug & Play' No F-Gas qualifications needed to install
- Factory fitted 1/2" T&P relief valve

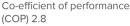
Accessories

	Code
Unvented kit	3069418
Air Duct (Ø150mm) Duct Kit (Inlet/Outlet) 1m Tube 1.5m Tube Joint 90° Elbow Fixing brackets	3208061 3208063 3208064 3208066 3208067 3208068
0.6m Flexible Tube	3208069

OUR REFERENCE	PRODUCT CODE	ErP CLASS	TAPPING PROFILE	CAPACITY (LITRES)	HEAT LOSS @ 65 °C (24HR)	REHEAT TIME (HEAT PUMP ONLY) 70%
NUOS200d	3069426	А	L	200	2.06 kWh	3:01 hrs

NUOS FS 200

600mm



- Environmentally sound and highly efficient thermal insulation
- protect against corrosion

- · Anti-legionella function

1700mm

NUOS FS 250i















48

- Co-efficient of performance (COP) 2.8
- Environmentally sound and highly efficient thermal insulation
- 3 magnesium anodes to protect against corrosion
- · Back up heating element
- 'Plug & Play' No F-Gas qualifications needed to install
- Factory fitted 1/2" T&P relief valve
- · Anti-legionella function

Accessories

Jnvented kit	3069419
Air Duct (Ø150mm)	
Ouct Kit (Inlet/Outlet)	3208061
m Tube	3208063
.5m Tube	3208064
Joint	3208066
90° Elbow	3208067
Fixing brackets	3208068
0.6m Flexible Tube	3208069

Code

OUR REFERENCE	PRODUCT CODE		TAPPING PROFILE	CAPACITY (LITRES)	HEAT LOSS @ 65 °C (24HR)	REHEAT TIME (HEAT PUMP ONLY) 70%
NUOS250i	3069425	А	XL	250	2.40 kWh	3:51 hrs

Electric Water Heaters









	Д	PICCOLO		
OVER-SINK MODEL	ANDRIS100	ANDRIS150	ANDRIS300+AB	PICCOLO
Туре	Unvented	Unvented	Unvented	Open Outlet
Capacity (litres)	10	15	30	5
ErP Class	А	A	С	А
Tapping Profile	XXS	XXS	S	XXS
Immersion Heater (kW)	3	3	3	2
Immersion Reheat Time (min) @ ∆T 50° C	12	18	36	9
Height (mm) (valves where applicable)	385	385	476	385
Width (mm)	360	360	447	251
Depth (mm)	298	346	410	174
PRODUCT CODE	3100302	3100308	3820017	3100525

UNDER-SINK MODEL	ANDRIS10U	ANDRIS10U2	ANDRIS15U	ANDRIS15U2
Туре	Unvented	Unvented	Unvented	Unvented
Capacity (litres)	10	10	15	15
ErP Class	В	В	В	В
Tapping Profile	XXS	XXS	XXS	XXS
Immersion Heater (kW)	3	2	3	2
Immersion Reheat Time (min) @ ΔT 50° C	12	17	18	26
Height (mm) (valves where applicable)	385	385	385	385
Width (mm)	360	360	360	360
Depth (mm)	298	298	346	346
	•			************************
PRODUCT CODE	3100303	3100306	3100309	3100310

*Inc. T&P Valve

Kit Options



Optional Kit A: Expansion vessel and check valve

406801



Optional Kit B: Pressure reducer with integral line-strainer

406802



Optional Kit C: Tundish for 10 and 15 litre units

406807

The Europrisma EP 30 R is covered by the Building Regulations and it is not possible to accommodate the expansion water within the system pipework. Expansion controls must be installed. The EP 30 R is supplied with kits A, B and C as standard.



ARISTON

INDIRECT MODEL	ITSI215	ITSI255	ITSI305	ITI80	ITI130	ITI150	ITI215	ITI255	ITI305	STI125	STI150	STI210	STI300	STI500
Capacity (litres)	215	255	305	80	130	150	215	255	305	125	150	210	300	500
ErP Class	С	С	С	С	С	С	С	С	D	С	С	С	С	С
Weight Empty (kg)	53	60	66	22	28	30	43	49	65	49	58	63	103	146
Coil Rating (kW)	Top 20, Bottom 27	Top 20, Bottom 27	Top 20, Bottom 27	17.7	17.3	17.5	24.0	24.5	26.0	18.4	21.6	27.2	24.4	33.0
Indirect Reheat Time (min) @ ∆T 45° C*	24	29	34	14	25	30	35	41	49	19	19	27	44	58
Immersion Heater (kW)	3	3	3	3	3	3	3	3	3	3	3	3	3	6
Immersion Reheat Time (min) @ ∆T 45° C**	N/A	N/A	N/A	1:33	2:46	3:19	4:51	5:56	7:19	2:28	2:37	3:46	5:14	4:37
Height (mm)	1485	1753	2029	711	1003	1131	1530	1792	2074	1024	1182	1498	1792	1870
Diameter (mm)	578	578	578	550	550	550	550	550	550	550	550	550	600	714
Clearance Top - Front (mm)	250 – 500	250 – 500	250 – 500	250 – 500	250 – 500	250 – 500	250 – 500	250 – 500	250 – 500	10 – 500	10 – 500	10 – 500	10 – 500	10 – 500
Clearance Sides (mm)	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Typical Application	N/A	N/A	N/A	D	E	F	G	G/H	Н	E	F	G	Н	H/I
Heat Loss (kWh in 24h)	1.13	1.29	1.49	1.24	1.43	1.52	1.73	2.12	2.47	1.4	1.55	1.82	2.03	2.63
PRODUCT CODE	3826529	3826530	3826531	3070462	3070463	3070464	3070465	3070466	3070467	3060379	3060380	3060381	3060382	3060383

TYPICAL APPLICATION

- A Domestic usage < 4/5 basins or 2 sinks
- B Domestic usage < 2 people (kitchen, shower)
- c Domestic usage < 2 people (kitchen, bathroom)
- D Domestic usage < 3 people</p>
- (kitchen, shower)
- E Domestic usage 3/4 people (kitchen, bathroom and shower)
- F Domestic usage 4/5 people (kitchen, 2 bathrooms)
- G Domestic usage 5 people and above (kitchen, 2 bathrooms and shower)
- H Above average household use
- Light commercial use



Gas Boilers























ARISTON

	NUOS FS200	NUOS FS250i
DESCRIPTION		
Tank Rated Capacity (litres)	200	250
Footprint (mm)	600x600	600x600
Weight Empty (kg)	90	110
Weight Full (kg)	290	360
Minimum Ceiling Height (m)	1.75	2
CYLINDER		
Normal Operating Pressure (bar)	3.5	3.5
Maximum Water Supply Pressure (bar)	12	12
Hot/Cold Water Connection	3/4" BSP - 22mm	3/4" BSP - 22mm
Heat Loss (@ 65°C) (kW/h in 24h)	2.06	2.05
Global Warming Potential (GWP)	<5	<5
Ozone Depletion Potential	0	0
HEAT PUMP	***************************************	***************************************
Heat Rating* (kW)	2.775	2.775
Power Consumption (kW)	0.75	0.75
CoP (Co-efficient of Performance)*	3.7	3.7
Heating Time (ΔT 45°C)* (mins)	236	302
Heating Energy Consumed* (kW/h)	2.2	2.7
Maximum Water Temp (Heat Pump Only) (°C)	55	55
REFRIGERANT FLUID	•••••	***************************************
Type of Fluid	R134a	R134a
Quantity (kg)	1.28	1.28
Practical Limit for Room Volume** (m³)	5.12	5.12
ELECTRICAL DATA	•	
Electrical Supply (V/Hz)	220-240/50	220-240/50
Element Rating (kW)	1.5+1	1.5+1
Protection Grade of Electrical System (IP)	X4	X4
AIR	***************************************	***************************************
Air Flow Rate (m³/h)	300-500	300-500
Available Static Pressure Loss (Pa)	70	70
Sound Level @ 1m (dB(A))	56	56
Min. Temp of Room of Installation (°C)	1	1
Max. Temp of Room of Installation (°C)	35	35
Min. Volume of Room (non-ducted) (m³)	20	20
Min. Air Temp Required (w.b.) @ 90% r.h. (°C)	-5	-5
Max. Air Temp Required (w.b.) @ 90% r.h. (°C)	35	35
	***************************************	***************************************

* Tested in accordance with EN 255-3.

***5 litre over sink heater complete with 8" chrome spout (406901) & coloured stop valve/tap assembly (406900).

E-COMBI evo E-SYSTEM evo CLAS HE evo CLAS HE SYSTEM evo CLAS HE REGU	JLAR
----------------------------------------------------------------------	------

	E-	E-COMBI evo		E-SYS	E-SYSTEM evo		CLAS HE evo			HE SYST	EM evo	CLAS HE REGULAR
MODEL	ECOM24	ECOM30	ECOM38	ESYS24	ESYS30	CLAS24	CLAS30	CLAS38	CLASSYS18	CLASSYS24	CLASSYS30	CLASR24
SEDBUK Rating	Band A											
AP Efficiency (%) 2005 / 2009	90.0 / 88.7	90.1 / 88.7	90.1 / 88.7	90.1 / 88.8	90.2 / 88.8	90 / 88.7	90.1 / 88.7	90.1 / 88.7	90.2 / 88.8	90.1 / 88.8	90.2 / 88.8	90.4 / 89.0
Heating/Hot Water)	A/A	A/A	A/A	A/-	A/-	A/A	A/A	A/A	A/-	A/-	Α/-	A/-
apping Profile	XL	XL	XL	-	-	XL	XL	XL	-	-	-	-
imensions (mm) HxWxD	770 x 400 x 315	770 x 400 x 385	770 x 400 x 385	770 x 400 x 315	770 x 400 x 385	770 x 400 x 315	770 x 400 x 385	770 x 400 x 385	770 x 400 x 315	770 x 400 x 315	770 x 400 x 385	595 x 400 x 295
eight (kg)	32	35	36	32	35	32	35	36	31	32	35	28
OWER & PERFORMANCE												
eating Output Max (kW – Btu/h)	21.5 – 71,600	27.3 – 92,100	30.2 – 102,300	21.6 – 73,700	27.4 – 93,500	21.5 – 71,600	27.3 – 92,100	30.2 – 102,300	17.6 – 60,000	21.6 - 71,600	27.4 – 92,100	21.6 – 73,700
HW Output Max (kW – Btu/h)	26.0 - 88,700	29.3 – 100,000	38.0 – 129,700	N/A	N/A	26.0 - 88,700	29.3 – 100,000	38.0 – 129,700	N/A	N/A	N/A	N/A
HW Flow Rate (I/min @ΔT 35°C)	10.3	12.9	15.6	N/A	N/A	10.3	12.9	15.6	N/A	N/A	N/A	N/A
PECIFICATION								-				
onnection Kit	YES	N/A										
ling Loop	YES	NO										
illt-in Bypass	YES	NO										
ost Protection	YES											
ro Compartment Ventilation	YES											
ıilt-in Time Clock	YES	YES	YES	NO	NO	YES	YES	YES	NO	NO	NO	NO
PTIONS												
ar Piping Chassis	YES	N/A										
EARANCES												
o – Front – Bottom (mm)	300 – 450 – 300	300 – 450 – 300	300 – 450 – 300	300 – 450 – 300	300 – 450 – 300	300 – 450 – 300	300 – 450 – 300	300 – 450 – 300	300 – 450 – 300	300 – 450 – 300	300 – 450 – 300	250 – 450 – 300
ft – Right (mm)	5 – 5	5 – 5	5 – 5	5 – 5	5 – 5	5 – 5	5 – 5	5 – 5	5 – 5	5 – 5	5 – 5	5 – 5
AX FLUE LENGTHS												
prizontal Coaxial 60/100 (m)	12	10	7	12	10	12	10	7	14	12	10	12
rizontal Coaxial 80/125 (m)	36	30	20	36	30	36	30	20	42	36	30	36
rtical Coaxial 60/100 (m)	12	10	7	12	10	12	10	7	14	12	10	12
rtical Coaxial 80/125 (m)	36	30	20	36	30	36	30	20	42	36	30	36
n Pipe (equal lengths*) (m)	24 + 24	26 + 26	16 + 16	24 + 24	26 + 26	24 + 24	26 + 26	16 + 16	36 + 36	24 + 24	26 + 26	24 + 24
RODUCT CODE			••••••			·····						
th 5 year warranty	3300753	3300755	3300756	3300757	3300758	3300745	3300746	3300747	3300749	3300750	3300751	3300748
th 8 year warranty	-	-	-	-	-	3826537	3826538	3826539	3826543	3826544	3826545	-
th 12 year warranty	-	-	-	-	-	3826540	3826541	3826542	3826546	3826547	3826548	-

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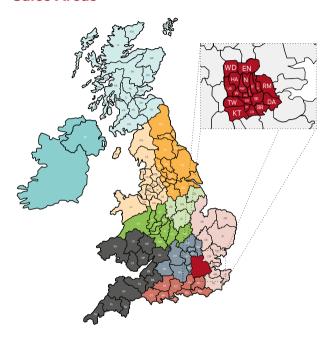


*Torms & Conditions anni-

SALES AREAS



Sales Areas











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Our specialist support and service provides a team of highly skilled experts on hand to offer advice and assistance, wherever you are, whenever you need it.

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CUSTOMER SERVICE

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