



ELECTRIC WATER HEATERS

80 YEARS OF GROWTH DRIVEN BY INNOVATION

Bringing the maximum comfort into the homes of our customers has been Ariston's priority for over 50 years.

Ariston products are manufactured in several plants in Italy: the first one was opened in 1960 and is still the center of Ariston's production.

In 2012 Ariston manufactured more than 5.500.000 electric water heaters.

To guarantee to its customer a long-lasting comfort, all products are manufactured following the highest quality standards, according to the globally recognized ISO 9001.



/ TODAY

Ariston is a worldwide leading brand in thermic comfort present in over 150 countries.

/ 1960s-1980s

Ariston brand is launched and the production of electric water heaters begins. During 80s, Ariston has consolidated its market leadership in water heating and the production of boilers begins.

/ 1930s

Aristide Merloni founds "Industrie Merloni" company in the Marche Region of Italy, and starts the production of weighing scales.

ARISTON QUALITY: "MADE IN ITALY"



3 MILESTONES OF QUALITY

Customer satisfaction is Ariston's main concern and this is why quality is constantly monitored at every level through:

/ **Incoming Control** of the raw materials and components

/ **Process Control** aiming to intercept the potential defects in earlier stages of the manufacturing process

/ **Product Testing** of 100% of the production in the line to assure the correct functioning of the product

INTERNATIONAL QUALITY CERTIFICATION

All Ariston factories are certified by CSQ, a member of the International Certification Network IQNet. As a result, all Ariston products are manufactured in compliance with the highest standards, guaranteeing reliability and high-quality.

Every year all the plants are involved in a competition aimed to improve the quality level of the production.

ITALIAN TECHNOLOGY & DESIGN

Driven by innovation but still linked to its roots.

This is the perfect mix that represent Ariston attitude and that pushes the members of the R&D department to develop more efficient, eco-friendly and reliable products always with the quality and design typical of the Italian manufacturing tradition.





**MORE
HOT WATER
AVAILABLE**

WATER PLUS TECHNOLOGY

The ground-breaking WaterPlus patented* technology keeps the incoming cold water at the bottom of the tank, to ensure **reduced mixing with stored hot water**. This allows up to 16% more hot water available**, giving the comfort of an extra hot shower.



UP TO
16%
MORE HOT WATER

* Patented in Spain, patent pending in IT, FR, TK, RU, CN, VN, UAE

** 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

Thanks to its global expertise and deep understanding of consumer needs, Ariston sets a new quality standard for electric water heating with the exclusive TitanShield: a double action technology that ensures total protection against tank corrosion. The inner surface of the tank is enameled with a layer of titanium, an anti-corrosion and rust-resistant material which prevents the surface from corroding even when it is in contact with warm water. The titanium's natural properties are boosted by the action of a big magnesium anode that stops the oxidation reactions on the tank's inner surface, thus prolonging the life of the water heater.



With the new Ariston water heaters it is possible to produce more hot water than with the traditional water heaters with the same capacity. These higher performances allow both to turn the water heater on less frequently and to save money considerably on electricity bills. The new Ariston products offer: more liters of hot water, higher performances, higher comfort and higher saving. Furthermore, WaterPlus Technology also helps to reduce energy consumption thanks to a continuous monitoring of the temperature, minimizing the heat dispersions.

**higher
performance
and big
savings**

NANOMIX SYSTEM

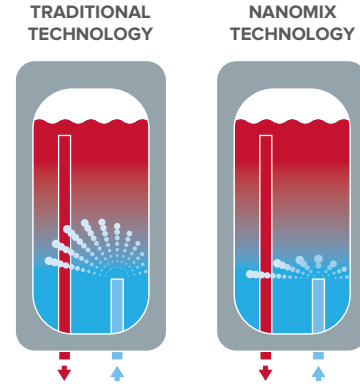
The Nanomix system, with its new deflectors of water coming in, allows to produce up to 10% of hot water more than a traditional water heater with the same capacity. At the end of every heating cycle there will be up to 15 lt. more of water at 40°C. This water can be used by the users to improve their comfort.

15 lt
HOT WATER



NANOMIX TECHNOLOGY

During the use, every withdrawal of hot water from the water heater is then balanced by cold water coming in. The Nanomix technology avoids that the water coming in makes the one inside cold. Thanks to a special deflector, Nanomix allows the water to mix more slowly, keeping in this way the internal temperature high and avoiding that the water heater turns on uselessly.



THE ADVANTAGES IN DETAIL

Extra thick insulation

There is a thick layer of high-density polyurethane foam which guarantees excellent insulation.

High-quality components

These are designed and manufactured by Ariston, where very strict checking methods are employed so as to ensure excellent operation, even after several years.

Environmentally-friendly technologies

Ariston is committed to conciliating industrial procedures with the respect of environmental balances. The result of such a commitment is the elimination of chlorofluorocarbons (CFCs) from the insulation and the utmost care being taken in the selection of recyclable components.

Larger magnesium anode

This is particularly large in size and easy to inspect or replace, making the electrochemical protection of the tank all the more efficient.

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NEW COMPACT AURES RANGE

HYPER SPEED, INSTANT COMFORT.



THE FASTEST WAY TO PROVIDE UNLIMITED HOT WATER WHENEVER AND WHEREVER YOU WANT.

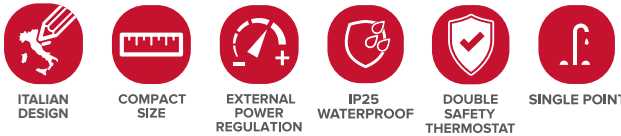
Compact, efficient, very quick and **elegant**, the new Aures electric instantaneous water heaters are the ideal solution for having **hot water immediately ready** right after you open the tap.

No more time and energy waste while waiting for hot water, sparing you from shivering in the shower.

Choose the right model for your needs and get ready to **enjoy the pleasure of instant hot water**.

Quality, efficiency and **reliability** at all times are ensured by the unique **Ariston expertise**.

AURES SLIM



SINGLE POINT

- / Italian delign
- / Compact sizes and eazy to install
- / Energy saving and efficiency
- / Single point installation
- / Protection from water splash IP25: It can be installed inside shower box
- / Frontal Regulation: to set the power
- / Double Thermal cut out thermostat prevents scalding - safety system
- / Shower head & Tap accessory
- / 4 knob power settings: Off, Low (1°HE), Med (2°HE), High (1+2° HE)
- / 2 led (to show what heating Element/s On)



TECHNICAL DATA S 7 SH SASO

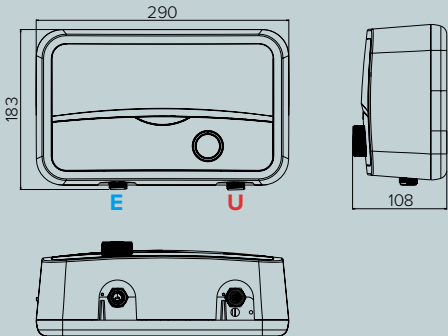
Voltage	V	220-240
Power @220V	kW	7kW
Step Power	kW	3+4
Phase		Mono
Ampere @220V		31,8
Frequency	Hz	50/60hz
Heating element		Copper
Water Connection Size	inch/BSP	1/2" G'
MIN Working Pressure	bar	0.3
MAX Working Pressure	bar	8
IP protection degree		IP25
Max working temperature	°C	55
Energy Class		C

CODE

3520014

KIT A - ENTRY

- White Shower Head 3 spray
- White Hose
- White hook



LEGEND

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



AURES SLIM MULTI



MULTI POINT

- / Multi point installation for hot water supply for one or multiple point(s)-of-use
- / Frontal and intuitive axial regulation to manage 4 setting power
- / Double safety thermostat: Double Thermal cut out thermostat prevents scalding - Safety system
- / Fow sensor, so product warms water only when the user turns on the tap
- / Energy saving & efficiency
- / Compact sizes and easy to install
- / Italian Premium design
- / 4 knob power settings: Off, Low (1°HE), Med (2°HE), High (1+2° HE)
- / 3 led to show power level
- / External safety valve

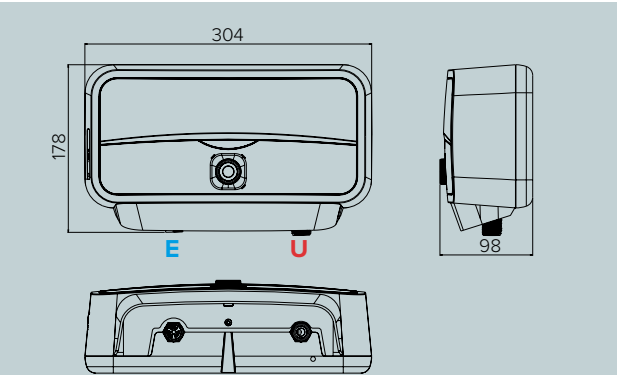


TECHNICAL DATA SM 7 SASO

Voltage on tech label	V	220-240
Power @220V	kW	7kW
Step Power kW	kW	3+4
Phase		Mono
Ampere @220V		31,8
Frequency	Hz	50/60hz
Safety Valve	Y/N	Y
Heating element		Copper
Water Connection Size	inch/BSP	1/2 G'
Min flow rate	L/MIN	2.1
MIN Working Pressure	bar	0.5
MAX Working Pressure	bar	8
IP protection degree		IP24
Max working temperature	°C	55
Energy class		C

CODE

3520026



LEGEND

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



WIDE RANGE, ABSOLUTE COMFORT



Small in capacity
Big in comfort



The perfect product
for everyday use



The ideal solution
for high demand of hot water

SMALL	MEDIUM	CALORIFIERS
15-30	50-80-100	500-750-1000-1500-2000-2500-3000-5000
Over sink	Wall Hung	Floor Standing (modular installation allowed)
Vertical	Vertical/Horizontal/Multiposition	Vertical
220	220 / 230	400
1,2 - 1,5	1,2 / 1,5 / 1,8	12 - 18 - 24 - 36 - 48 - 60 - 72 - 96
Mechanical	Mechanical / Digital	Mechanical
Copper	Copper	Incoloy stainless steel (low watt density)
G 1/2"	G 1/2"	G 2" - 3"
4 bolt flange	5 bolts / autoclavic	Flange plate connection
Titanium enamelling	Glasslined / Titanium enamelling	Tank enamelled a with special quartz coating "A class" quality, in accordance with DIN 51165 / ISO 2744
Polyurethane insulation	Polyurethane insulation	Floor Standing (modular installation allowed)
Oversized Anode	Oversized Anode	Double Thermostat (regulation between 30° C - 80° C, over-heating at 95° C with manual reset)
Thermostat with bipolar safety device	Thermostat with bipolar safety device	Thermostat with bipolar safety device
External Temperature regulation	External Temperature regulation	Inspection Flange
	WaterPlus technology	Glass wool high heat insulation



ELECTRIC WATER HEATER SMALL CAPACITY

COMPACT SIZE, HIGH PERFORMANCE



The high quality performance of Ariston water heaters is now available in a compact solution.

/ SMALL SIZE

Thanks to the Mini-Tank System, the comfort of Ariston water heating is concentrated in a compact solution.

/ DURABILITY

The selection of materials is the secret behind the durability of Andris series products: they all have the heating element made of copper for an anti-corrosion effect.

The stronger structure of the flange limits the risk of leaking and reduces maintenance needs in time.

/ MAXIMUM COMFORT

Andris storage water heaters can keep water hot for a long period of time due to a high-density and thick polyurethane insulation between the tank and the external of the water heater.

It is an effective barrier against heat loss, optimizing the water heater's performance and your comfort.

/ DESIGN

Andris series products have been designed with the elegance and style that make Ariston products stand out, thanks to the continuous collaboration with Italian designers.

/ TOTAL SAFETY AND HYGIENE

Andris series have passed all the safety tests required to be fully compliant with CE directives.

The heating element in copper helps increasing the hygiene and purity of the water warmed by the water heater.

ANDRIS R SASO



COMFORT

- Temperature regulation

EFFICIENCY&ENERGY SAVING

- Ecological polyurethane insulation

QUALITY

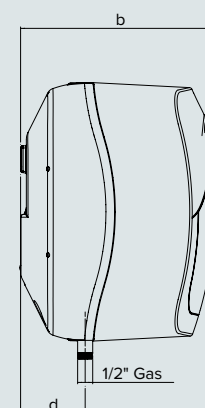
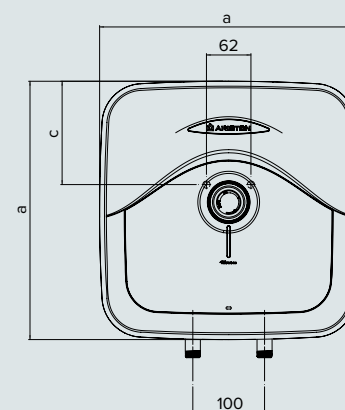
- Glasslined inner tank tested at 16 bar
- Anticorrosion Magnesium Anode
- Pressure safety valve tested at 8 bar
- Copper heating element
- 4 bolts flange

DESIGN

- Modern aesthetic



everyday
comfort



TECHNICAL DATA

		ANDRIS R SASO 15	ANDRIS R SASO 30
Capacity	l	15	30
Installation		Oversink	Oversink
Power	kW	1,2	1,5
Voltage	V	230	230
Heating time ($\Delta T=45^{\circ}\text{C}$)	h,min	0,44	1,1
Heat dispersion at 65°C	kWh/24h	0,53	0,61
Max working pressure	bar	8	8
Max working temperature	$^{\circ}\text{C}$	80	80
Weight	kg	7,4	12,8
IP Protection	IP	IPX1	IPX1
Energy Class*		B	C

OVERALL DIMENSIONS

a	mm	360	447
b	mm	324	389
c	mm	144	165
d	mm	78	115

CODE

	3100577	3100578
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HOW TO READ THE SYMBOLS

The icons have been designed to facilitate the reading of the features of each product. Ariston makes it possible, from the very beginning, to quickly and easily identify performance levels, understand the different ranges and evaluate purchasing criteria.



EXTERNAL TEMPERATURE REGULATION
Easy to set a temperature desired.



HIGH EFFICIENCY INSULATION
CFC free insulation material according to the latest environment requirements.



ENAMELLED STEEL TANK
Enameled steel tank extremely resistant to corrosion.



EASY INSPECTION
Large inspection flange for an easier access to the internal components of the products.



WATERPLUS TECHNOLOGY
High quantity of hot water.



DURABLE
Enamelled tank extremely resistant to corrosion.



TITANSHIELD
A technology which uses titanium enamelling for greater protection.



DOUBLE SAFETY THERMOSTAT



FLEXOMIX
Prevents incoming cold water from mixing with already hot water.



4 BOLTS FLANGE
Extra safety and durability against leakages.



5 BOLTS FLANGE
High performance and reliability 5 bolts flange.



MADE IN ITALY



DRY HEATING TECHNOLOGY
The heating element is not in direct contact with water for an extra safety.



EASY MAINTENANCE



7 YEARS WARRANTY



TITANIUM PLUS
A double action technology that ensures total protection against tank corrosion.



G-MARK
Product compliance with safety requirements.



G-MARK
Product compliance with safety requirements.



ARISTON

ELECTRIC WATER HEATER
MEDIUM CAPACITY

DUNE R SASO. THE NEW REFERENCE POINT.

- 5

YEARS

/ 5 YEARS WARRANTY
- / DURABLE
Enamelled tank
- / ENERGY SAVING
High efficiency insulation
- / EXTRA SAFE
Double safety thermostat



DUNE R SASO

- DURABLE
- EASY
MAINTENANCE
- ENAMELLED
STEEL TANK
- HIGH
EFFICIENCY
INSULATION
- Flexomix
- FLEXOMIX
- EXTERNAL
TEMPERATURE
REGULATION
- 5 BOLTS
FLANGE

- FULL COMFORT

• Double safety thermostat
- EVERLASTING QUALITY

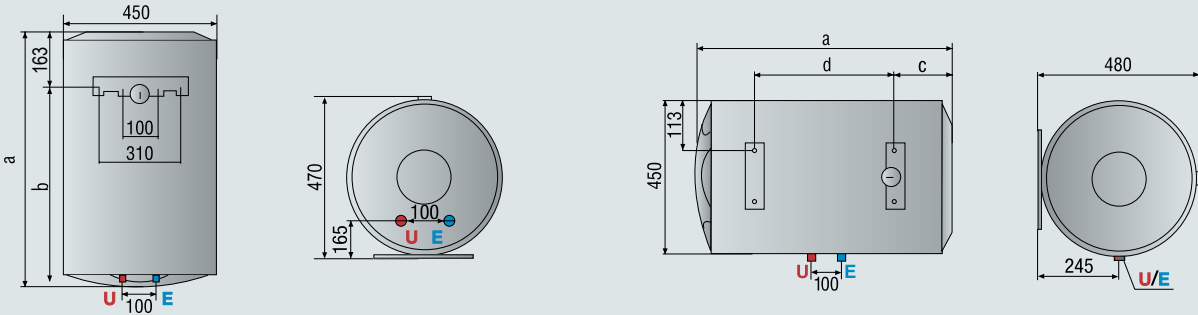
• Robust insulation material (polyurethane)
• Magnesium anode to fight corrosion
• High quality enameled tank
• 5 years warranty
- EXCLUSIVE DESIGN

• Italian design



5 years
warranty

TECHNICAL DATA		DUNE R SASO 50 V	DUNE R SASO 80 V	DUNE R SASO 100 V	DUNE R SASO 50 H	DUNE R SASO 80 H	DUNE R SASO 100 H
Capacity	l	50	80	100	50	80	100
Installation		V	V	V	H	H	H
Size		Regular	Regular	Regular	Regular	Regular	Regular
Power	kW	1,2	1,5	1,5	1,2	1,5	1,5
Voltage	V	220	220	220	220	220	220
Heating time (ΔT=45°C)	h,min	2,11'	2,37'	2,46'	2,11'	2,37'	3,19'
Heat dispersion at 65°C	kWh/24h	0,99	1,35	1,56	1,2	1,48	1,65
Max working pressure	bar	8	8	8	8	8	8
Max working temperature	°C	75	75	75	75	75	75
Weight	kg	17	22	26	17	22	26
IP Class	IP	IPX3	IPX3	IPX3	IPX1	IPX1	IPX1
Frequency	Hz	50/60	50/60	50/60	50/60	50/60	50/60
Energy Class*		D	E	D	D	D	D
OVERALL DIMENSIONS							
a	mm	543	748	900	543	748	900
b	mm	380	585	737	-	-	-
c	mm	-	-	-	163	178	178
d	mm	-	-	-	160	335	487
CODE							
		3690000	3690001	3690002	3690003	3690004	3690005



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

THE NEW PRO1 R SASO



 / **MADE IN ITALY**

 / **7 YEARS WARRANTY**

 / **TITANSHIELD TECHNOLOGY**

 / **WATER PLUS**

 / **DOUBLE SAFETY THERMOSTAT**

PRO1 R SASO

 **7 YEARS WARRANTY**

 **WATER PLUS**

 **EXTERNAL TEMPERATURE REGULATION**

 **DOUBLE SAFETY THERMOSTAT**

 **MADE IN ITALY**

 **TITANSHIELD TECHNOLOGY**

 **HIGH EFFICIENCY INSULATION**



- ADVANCED PERFORMANCE**
- WaterPlus technology: up to 16 % more hot water available*
 - Compliant with top ESWH regulations

- FULL COMFORT**
- External temperature setting
 - Double safety thermostat

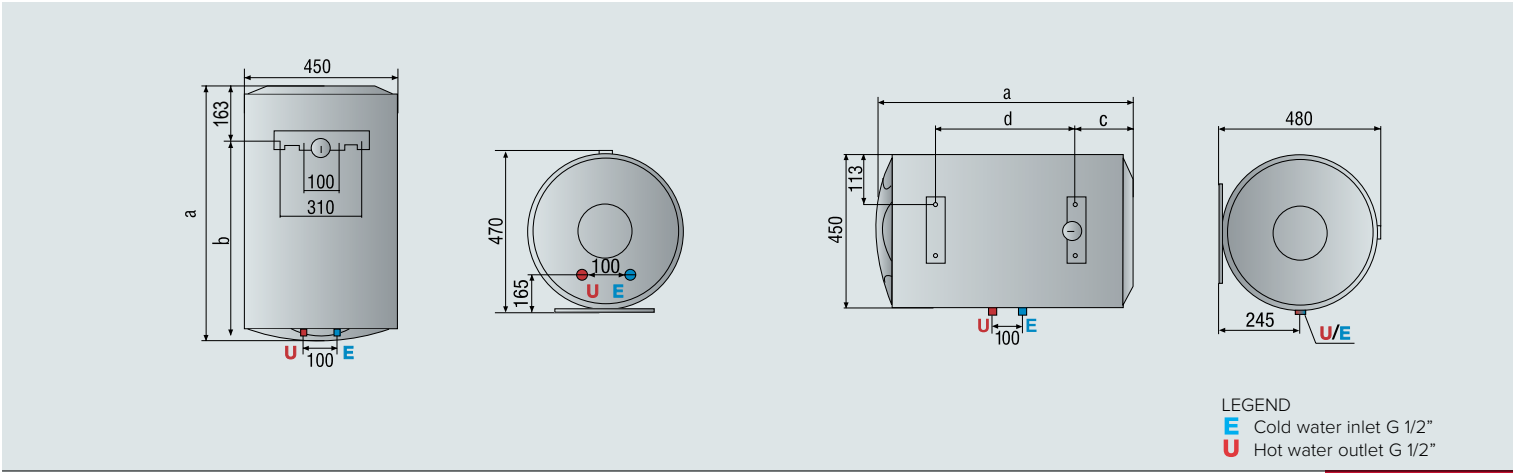
- EVERLASTING QUALITY**
- Robust insulation material (polyurethane)
 - Magnesium anode to fight corrosion
 - High quality titanium enameled tank
 - 7 years warranty

- EXCLUSIVE DESIGN**
- Designed in Italy
 - Modern shape with “Ariston wave”
 - User-friendly interface with heating feedback
 - Wall-hung



7 years warranty

TECHNICAL DATA		PRO1 R SASO 50 V	PRO1 R SASO 80 V	PRO1 R SASO 100 V	PRO1 R SASO 50 H	PRO1 R SASO 80 H	PRO1 R SASO 100 H
Capacity	l	50	80	100	50	80	100
Installation	V	V	V	V	H	H	H
Size		Regular	Regular	Regular	Regular	Regular	Regular
Power	kW	1,2	1,5	1,8	1,2	1,5	1,5
Voltage	V	220	220	220	220	220	220
Heating time (ΔT=45°C)	h,min	2,11'	2,37'	2,46'	2,11'	2,37'	3,19'
Heat dispersion at 65°C	kWh/24h	0,99	1,35	1,56	1,2	1,48	1,65
Max working pressure	bar	8	8	8	8	8	8
Max working temperature	°C	75	75	75	75	75	75
Weight	kg	17	22	26	17	22	26
IP Class	IP	IPX3	IPX3	IPX3	IPX1	IPX1	IPX1
Energy Class*		D	E	D	D	D	D
OVERALL DIMENSIONS							
a	mm	543	748	900	543	748	900
b	mm	380	585	737	-	-	-
c	mm	-	-	-	163	178	178
d	mm	-	-	-	160	335	487
CODE							
		3201804	3201805	3201806	3201807	3201808	3201809



*SASO 2884:2017

* 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.



**ELECTRIC WATER HEATERS
BIG CAPACITY**

**ARI TOP
THE BEST COMFORT WITH
MAXIMUM SAFETY**



/ QUICK HEATING

Thanks to the two heating elements of 4,5 kW in the bottom side and upper side of the tank, you can reduce the first shower timing and guarantee the best amount of hot water available.



/ MAXIMUM SAFETY

Thanks to the T&P valve and 10 bar pressure tank.

**Two by 4,5kW
heating elements**

ARI TOP



COMFORT

- Quick heating thanks to the two heating element of 4,5 kW

EFFICIENCY&ENERGY SAVING

- Ecological polyurethane insulation

QUALITY

- T&P safety valve
- 10 bar pressure safety valve
- Titanium glasslined inner tank tested at 16 bar
- Oversize magnesium anode
- 5-bolts flange

DESIGN

- Exclusive Italian design
- Floor Standing

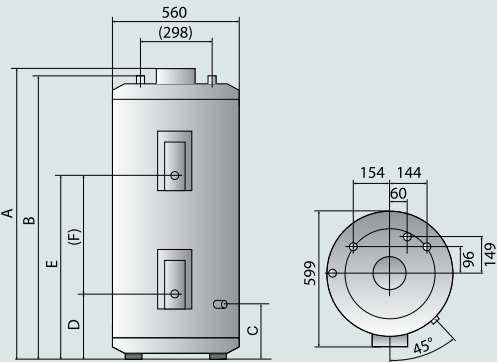


two by 4,5kW
heating element

TECHNICAL DATA		ARI TOP 160 240V MO	ARI TOP 200 240V MO	ARI TOP 300 240V MO	ARI TOP 300 415V TR
Capacity	l	160	200	300	300
Power	kW	4,5kW / 4,5 kW*	4,5kW / 4,5 kW*	4,5kW / 4,5 kW*	4,5 kW + 4,5 kW**
Voltage	V	240	240	240	400 - 415
Phase		Mono-phase	Mono-phase	Mono-phase	Tri-phase
Installation		Floor Standing	Floor Standing	Floor Standing	Floor Standing
Diameter	mm	560	560	560	560
Anode		Magnesium	Magnesium	Magnesium	Magnesium
Protection	IP	IPX1	IPX1	IPX1	IPX1
Inner tank		Enameled	Enameled	Enameled	Enameled
Working pressure	bar	10	10	10	10
OVERALL DIMENSIONS					
a	mm	1089	1331	1857	1857
b	mm	1058	1299	1825	1825
c	mm	238	250	254	254
d	mm	291	310	314	314
e	mm	651	822	1174	1174
f	mm	360	512	860	860

* The heating element will not work together, maximum absorbtion power of 4,5 kW.
** Heating elements will work simoltanuesly. Max absorbtion 9kW.

CODE				
	3060339	3060340	3060341	3060344



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

ES EXTRA THE NEW CALORIFIER RANGE BY ARISTON BROAD RANGE FOR ALL YOUR NEEDS



/ BROAD RANGE OF CAPACITY AND POWER

- From 500 to 5000 liters
- From 12 to 96 kW

/ AVAILABLE WITH EXTERNAL SOFT OR HARD JACKET

/ INTEGRATED CONTROL PANEL

ES EXTRA



EXTRA RESISTANT

- Max working pressure of 8 bar

LONG LASTING

- Oversized anti-rust magnesium anode + life-enhanced incoloy-800 heating elements with low surface charge

EASY TO OPERATE

- Plug-and-used solution with preinstalled components and inspection hand-hole flange (D. 110 mm)

HIGHLY EFFICIENT

- Double option insulation:
/ Tank insulation with thickness 100 mm of soft polyurethane
/ Tank insulation with thickness 100 mm of glass fiber wool and rigid external metal shell

SUPER SAFE

- ASME temperature and pressure relief valve supplied with the tank and functional and safety monophas thermostat

TECHNICAL DATA

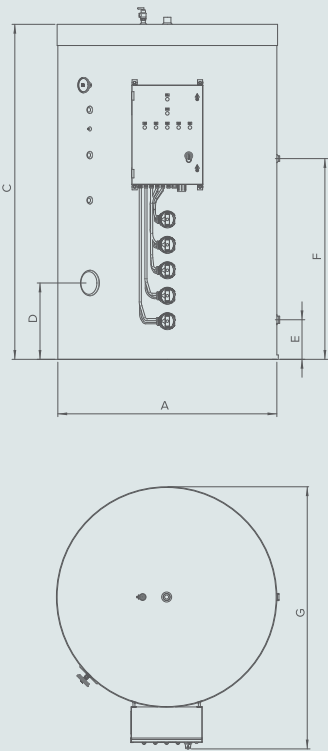
Capacity	Product Code	Capacity (l)	Power (kW)	Panel Type	Panel Type
ES EXTRA 500-12 SB	3080029	500	12	Basic	Soft
ES EXTRA 500-24 SB	3080081		24		
ES EXTRA 750-12 SB	3080260		12		
ES EXTRA 750-24 SB	3080273	750	24	Basic	Soft
ES EXTRA 750-36 SB	3080274		36		
ES EXTRA 1000-12 SB	3080333	1000	12	Basic	Soft
ES EXTRA 1000-24 SB	3080334		24		
ES EXTRA 1000-36 SB	3080335		36		
ES EXTRA 1500-12 SB	3080336	1500	12	Basic	Soft
ES EXTRA 1500-24 SB	3080337		24		
ES EXTRA 1500-36 SB	3080338		36		
ES EXTRA 500-12 SF	3104098	500	12	Full	Soft
ES EXTRA 500-24 SF	3104099		24		
ES EXTRA 750-12 SF	3104101	750	12	Full	Soft
ES EXTRA 750-24 SF	3104102		24		
ES EXTRA 750-36 SF	3104103		36		
ES EXTRA 1000-12 SF	3104104	1000	12	Full	Soft
ES EXTRA 1000-24 SF	3104105		24		
ES EXTRA 1000-36 SF	3104106		36		
ES EXTRA 1500-12 SF	3104107	1500	12	Full	Soft
ES EXTRA 1500-24 SF	3104108		24		
ES EXTRA 1500-36 SF	3104109		36		
ES EXTRA 2000-24 SF	3080339	2000	24	Full	Soft
ES EXTRA 2000-36 SF	3080340		36		
ES EXTRA 2000-48 SF	3080341		48		
ES EXTRA 2500-36 SF	3080342	2500	36	Full	Soft
ES EXTRA 2500-48 SF	3080343		48		
ES EXTRA 2500-60 SF	3080344		60		
ES EXTRA 3000-48 SF	3080345	3000	48	Full	Soft
ES EXTRA 3000-60 SF	3080346		60		
ES EXTRA 3000-80 SF	3080347		80		
ES EXTRA 5000-48 SF	3080348	5000	48	Full	Soft
ES EXTRA 5000-60 SF	3080349		60		
ES EXTRA 5000-80 SF	3080350		80		
ES EXTRA 5000-96 SF	3080351		96		

ES EXTRA

TECHNICAL DATA

Ariston ES Extra	Nominal Capacity (l)	Power (kW)	Heating Elements	Recovery time DT 40°C rise (min.)	Recovery time DT 45°C rise (min.)	Flow rate 40°C rise (l)	Flow rate 45°C rise (l)	First hour delivery 40°C rise (l)	First hour delivery 45°C rise (l)	Insulated tank heat losses (kWh/24h)	Soft jacket	Hard jacket
500 - 12	492	12	1	103	116	258	229	799	771	3,0	3080029	3080352
500 - 24	492	24	2	51	58	516	459	1057	1000	3,0	3080081	3080353
750 - 12	760	12	1	159	179	258	229	1094	1065	5,6	3080260	3080354
750 - 24	760	24	2	80	89	516	459	1352	1295	5,6	3080273	3080355
750 - 36	760	36	3	53	60	774	688	1610	1524	5,6	3080274	3080356
1000 - 18	947	18	2	132	149	387	344	1429	1386	6,0	3080333	3080357
1000 - 24	947	24	2	99	111	516	459	1558	1500	6,0	3080334	3080358
1000 - 36	947	36	3	66	74	774	688	1816	1730	6,0	3080335	3080359
1500 - 18	1490	18	2	208	234	387	344	2026	1983	8,3	3080336	3080360
1500 - 24	1490	24	2	156	175	516	459	2155	2098	8,3	3080337	3080361
1500 - 36	1490	36	3	104	117	774	688	2413	2327	8,3	3080338	3080362
2000 - 24	2001	24	2	209	236	516	459	2717	2660	8,9	3080339	3080363
2000 - 36	2001	36	3	140	157	774	688	2975	2889	8,9	3080340	3080364
2000 - 48	2001	48	4	105	118	1032	917	3233	3118	8,9	3080341	3080365
2500 - 36	2505	36	3	175	197	774	688	3530	3444	10,0	3080342	3080366
2500 - 48	2505	48	4	131	147	1032	917	3788	3673	10,0	3080343	3080367
2500 - 60	2505	60	5	105	118	1290	1147	4046	3902	10,0	3080344	3080368
3000 - 48	2845	48	4	149	167	1032	917	4162	4047	11,4	3080345	3080369
3000 - 60	2845	60	5	119	134	1290	1147	4420	4276	11,4	3080346	3080370
3000 - 72	2845	80	5	99	112	1548	1376	4678	4506	11,4	3080347	3080371

CALORIFIERS - DIMENSIONS AND TECHNICAL DATA



Model		ES EXTRA 500	ES EXTRA 750	ES EXTRA 1000	ES EXTRA 1500	ES EXTRA 2000	ES EXTRA 2500	ES EXTRA 3000
Capacity	l	492	760	942	1490	2001	2505	2845
Max working pressure	bar	8	8	8	8	8	8	8
A	mm	850	990	990	1200	1400	1450	1550
Tank diameter	mm	650	790	790	1000	1200	1250	1350
C	mm	1905	1945	2345	2335	2245	2410*	2420*
D	mm	530	575	560	595	705	615	540
E water inlet	mm	250	290	290	365	435	345	270
F recirculation	mm	1070	1030	1210	1275	1205	1250	1410
G	mm	1000	1140	1140	1350	1700	1750	1850
Empty weight	kg	110	170	190	310	381	461	506
Max number of heating element	Nr.	2	3	3	3	4	5	5
Cold water inlet	R 2" GM	R 2" GM	R 2" GM	R 2" GM	R 2" GM	R 2" GM	R 2" GM	R 2" GM
Hot water outlet	R 2" M	R 2" M	R 2" M	R 2" M	R 2" M	R 2" M	R 2" M	R 2" M
Recirculation	R 1 1/2 GM	R 1 1/2 GM	R 1 1/2 GM	R 1 1/2 GM	R 1 1/2 GM	R 1 1/2 GM	R 1 1/2 GM	R 1 1/2 GM
Drain	Rp 1 1/4 G	Rp 1 1/4 G	Rp 1 1/4 G	Rp 1 1/4 G	Rp 1 1/4 G	Rp 1 1/4 G	Rp 1 1/4 G	Rp 1 1/4 G
Probe connection	Rp 3/8" G	Rp 3/8" G	Rp 3/8" G	Rp 3/8" G	Rp 3/8" G	Rp 3/8" G	Rp 3/8" G	Rp 3/8" G

* with feet installed

ES EXTRA

CONTROL PANEL VERSION BASIC

500 to 1500 lt



Electric Control Panel basic to manage the calorifiers with 2 to 3 heating elements powered with triphase thermostat inside the box,

- Features:
- / Metal box finished in durable paint and water resistant grade IP 65 with front cover fixed with 4 secure screws.
 - / Terminal block connections to achieve easy and safe wiring of the main three phase line 380V - 400V - 415V.
 - / Fuse block with cartridge type fuses designed to interrupt the supply lines.

CONTROL PANEL VERSION FULL
(up to 60 kW)

2000 to 3000 lt



- Electric Control Panel full for installed powers from 24 to 60 kw with the following features:
- / Metal box finished in durable paint and water resistant grade IP 65.
 - / Terminal block connections for easy and safe wiring of the main three phase line 380V - 400V - 415V.
 - / Fuse block with cartridge type fuses designed to interrupt the supply lines.
 - / Magnetic contactors (power relay) to control the safety request coming from no water presence in the tank. The functionality and the safety of the heating elements are directly controlled by the triphase thermostat installed on each element of 12 kW powered.
 - / Double insulated transformer to manage the voltage 400V to 230V for the lamps and switch devices.
 - / Electronic circuit and double insulation immersed detector to have the low water cut off device operating on the safety magnetic contactors to cut the main three phase line and stop the heating elements.
 - / BMS - Building Management System: free contact relays are factory installed to remote the signals.
 - / Door interlocked by main isolator switch.
 - / White light lamp to signal the main line presence.
 - / Orange light lamps to signal the safety alarm due to no water in the tank and stop of the heating.
 - / Green light lamps to signal the functionality run of each heating elements.

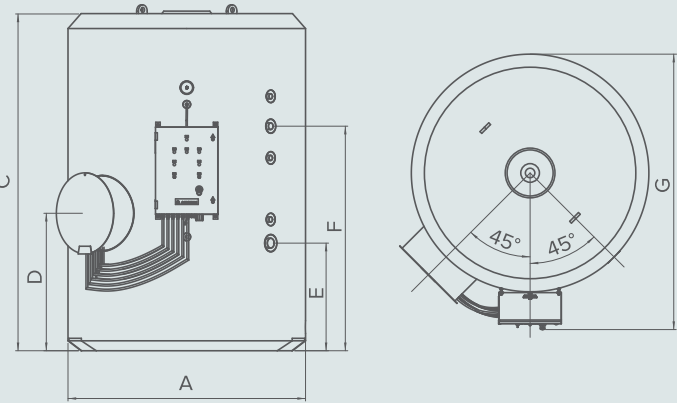
ES EXTRA 5000



- EXTRA RESISTANT**
- Max working pressure of 8 bar
- LONG LASTING**
- Oversized anti-rust magnesium anode + life-enhanced incoloy-800 heating elements with low surface charge
- EASY TO OPERATE**
- Plug-and-use solution with preinstalled components and inspection man-hole flange (D. 400 mm)
- HIGHLY EFFICIENT**
- 80 mm tank insulation with injected polyurethane foam C.F.C. - free density 45 kg/mc and external skin in different materials and grade of fire resistant: B3, B1 and A2 according DIN 4102
- SUPER SAFE**
- ASME temperature and pressure relief valve supplied with the tank + monophasic thermostat (functional and safety) with bulb immersed CE homologated

TECHNICAL DATA

Ariston ES Extra	Nominal Capacity (l)	Power (kW)	Heating Elements	Recovery time DT 40°C rise (min.)	Recovery time DT 45°C rise (min.)	Flow rate 40°C rise (l)	Flow rate 45°C rise (l)	First hour delivery 40°C rise (l)	First hour delivery 45°C rise (l)	Insulated tank heat losses (kWh/24h)	Soft jacket	Hard jacket
5000 - 48	4901	48	4	256	289	1032	917	6423	6308	8,0	3080348	3080372
5000 - 60	4901	72	5	205	231	1290	1147	6681	6538	8,0	3080349	3080373
5000 - 72	4901	80	5	171	192	1548	1376	6939	6767	8,0	3080350	3080374
5000 - 96	4901	96	6	128	144	2064	1835	7455	7226	8,0	3080351	3080375



Model	5000
Max working pressure	bar 8
A external diameter	mm 1910
Tank diameter	mm 1750
C overall height	mm 2750
D water inlet pipe	mm 865
E water recirculation pipe	mm 1805
F inspection flange	mm 1105
G depth	mm 2210
Empty weight	kg 1030
Cold water inlet	R 3" M
Hot water outlet	R 3" M
Recirculation	R 2" M
Drain	R 1 1/2" M
Probe connection	R 3/4" M

ARISTON OFFERS COMPLETE CUSTOMER SATISFACTION

The Internet site provides operators within the sector with all the information which are linked to the “product catalogue”, offering individual details of technical features, exploded views and spare parts lists, updates for operating booklets and instruction manuals. It provides users with telephone numbers and addresses for the relevant Assistance Centres and stockists in their local area.

ariston.com/sa



 **ARISTON**
SERVICE
920012456

The capillary network of Ariston Technical Assistance Centres has been developed to cover the entire country, in order to guarantee emergency and routine maintenance operations which demonstrate efficiency and a high degree of professional preparation.

A group of experts also support our Customers in the constant updating process relating to new products and technologies



ARISTON TAKES UP THE CHALLENGE OF BRINGING US THE COMFORT WE ALL DESIRE.

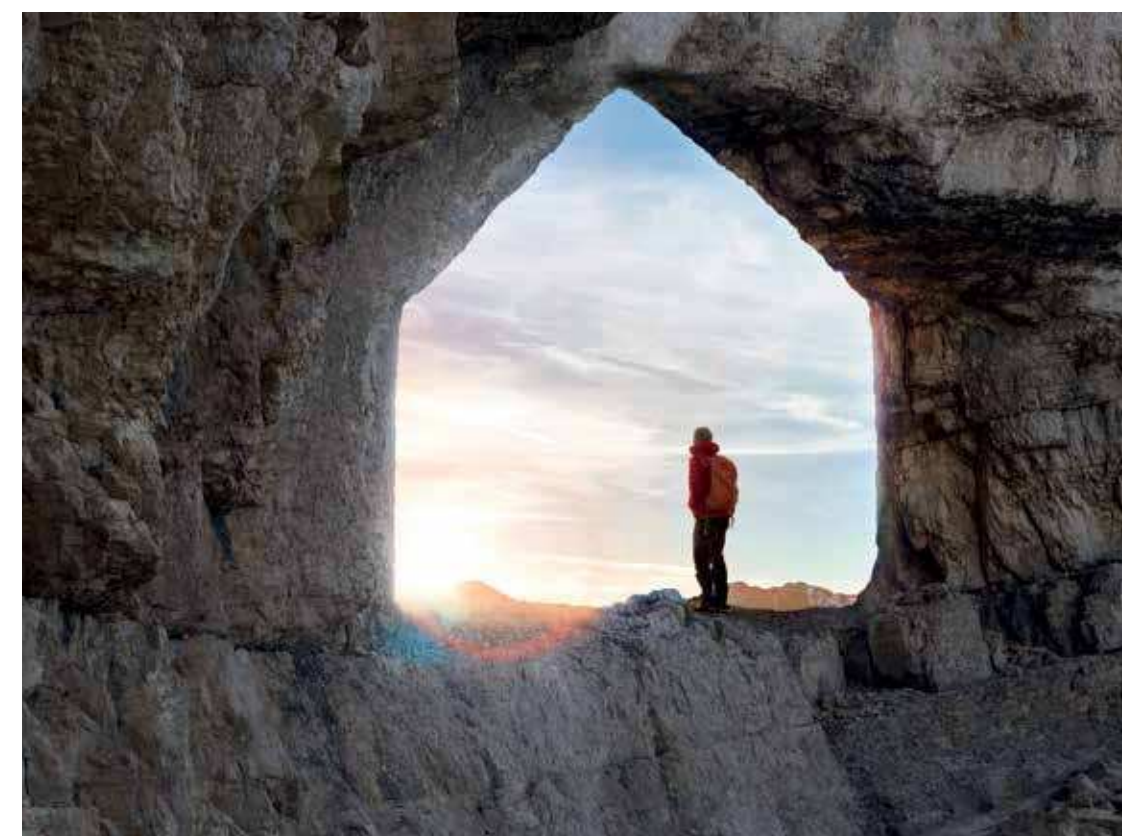
In this fast-growing world, we all desire a place to belong. **A place to feel settled and comfortable**, where each of us, at some point in our lives, can make new decisions to move on.

We want to keep this feeling along our lives, while we set up our first home, or when we nest and start a family, growing and aging together. In any case, we always hope for our beloved ones to stay nice and cosy, providing them with the warmth they deserve.

We all have our own idea of comfort: this might come in different forms, but it is what we all yearn for.

NO MATTER WHAT'S YOUR IDEA OF COMFORT. OUR CHALLENGE IS TO GIVE EVERYONE THE COMFORT THEY NEED. EVEN WHERE IT SEEMS HARD OR IMPOSSIBLE TO FIND.

Ariston always takes action to introduce **new ways of bringing comfort to every corner of the world:** finding where comfort hasn't been fully reached and innovating methods for adjusting the concept of comfort to people's lives.





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