



*Lamborghini*  
CALORECLIMA



**Electric Water Heaters**

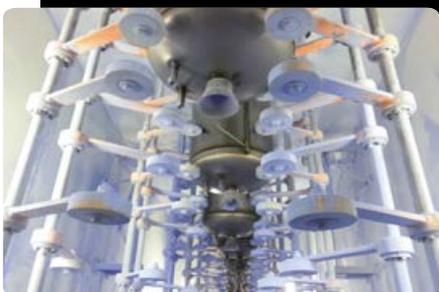
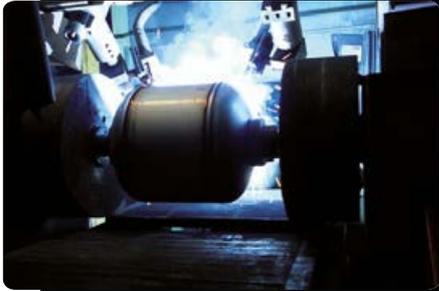
# Tradition and innovation

A range of mid capacity electric water heaters - top performing in terms of reliability and safety - aimed for longlasting daily comfort and wellbeing

Lamborghini CaloreClima is an italian brand, specialised in design and production of water heaters

Lamborghini CaloreClima appliances enjoy a multi-decennial industrial experience in Tuscany, Italy, particularly attentive to the rigour, efficiency and flexibility of fabrication process as well as to innovating technologies.

Mid capacity heaters, produced in Lamborghini CaloreClima plant, can provide the ideal solution to satisfy every demand for hot water.



# THE RANGE

## RESIDENTIAL AND COMMERCIAL

Lamborghini CaloreClima range of electric water heaters boasts a wide variety of models, to suit any residential requirement. It varies from: 5-liter model, a quick source of hot water for small single-point use - to 500-liter model - which enables simultaneous or large domestic hot water flow.



### Mid capacity

Ranges from 50 to 150 liters, suitable for important needs of domestic hot water. Available with multiple types of heating elements and different options.



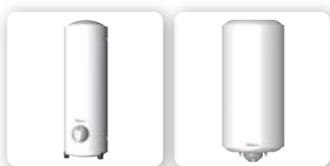
### Indirect combi

It includes a supplementary coil, to circulate water pre-heated from an external source.



### Small capacity

With capacities ranging from 5 to 30 liters, they are an easy and ideal solution for small requirements and can be installed in limited space.



### Commercial range

When an important demand of hot water is required, a large capacity waterheater is recommendable. This is the case of small communities, recreational centers, bed & breakfasts, etc.

# PRODUCT IN PILLS

## DESCRIPTIVE ICONS

All Lamborghini CaloreClima water heaters are built with maximum attention to reliability and comfort, along with utmost care for the environment, thanks to the recyclable components they are made with. Icons here below sum up some peculiarities of the different models shown in the following pages.



### 5 BOLTS FLANGE

The electric heating group is mounted on a 70 mm diameter 5 bolts flange, sturdily sealing the inspection hole. This system permits an easy and trouble-free access for rapid internal maintenance



### STEEL EPOXY POWDER-COATED JACKET

External jacket is painted through an epoxy powder process. Its surface is resistant to heat and UV rays and remains bright for long time.



### "BLUE SILICON" ENAMELLING

The titanium-enamelling process practically transforms a steel tank into a glass-like container, thus granting a perfectly hygienic surface which cannot be affected by rust. The Blue Silicon powder is totally nickel free and conforms to the most recent International regulations.



### HIGH LIQUID INTRUSION PROTECTION

The IP protection code classifies the degree of protection provided against the intrusion of solid objects (first numeric digit) and water (second digit): Lamborghini CaloreClima water heaters comply to EN 60335-2-21 Directive.



### TANK WARRANTY

This icon indicates warranty coverage in number of years, and it may differ from model to model. The warranty covers the integrity of the water tank and its lining. Conditions are written in the product's manual.



### ELEMENT WARRANTY

Models with Blueforever heating elements enjoy an upgraded warranty period in case of eventual malfunctions of the element itself. Conditions are written in the product manual.



### EXTERNAL REGULATION

Temperature settings of the water can be stepless adjusted through a graduated knob. This is very practical, and does not require any special tool to do it.



### ABS SHOCK-PROOF OUTER CASING

Outer shell is made in injected ABS. ABS is a thermoplastic material with excellent characteristics of resistance to high and low temperatures, scratches, cleaning agents.



### EXTRA THICK INSULATION

Made with thicker water-blown CFC-free Polyurethane insulation, implying low thermal loss.



### FAST-HYDRO

Allows to cut off heating time by 50%. This function - made possible by an auxiliary coil - is useful to cope with peak or repeated requests, besides permitting to choose the most convenient operation mode of the electric water heater



### OPERATING LIGHT



### ON/OFF SWITCH

# FACTORY ADD-ONS

## TAILORING YOUR DHW SOURCE

The product can be customized - only by the factory - with the following add-ons, according to the different requirements in global market.



### HEAVY-DUTY THERMOSTAT

Standard equipment for the 1,5 kW models, include a 16A thermostat. It is possible to get the same standards of high-powered water heaters equipped with a high intensity 20A thermostat. As a consequence the lifespan of the device will increase.



### PROBE POCKET

Indirect combi model can be equipped with a probe pocket on the top of the tank. This can host a sensor, to regulate the heat contribution from the external source.



### POWER CABLE AND PLUG

Depending on the destination market, products could be supplied with supply cord and plug.



### PREMIUM HEATING ELEMENTS

Some models can be produced with a premium heating element, such as Blueforever, whose advantages are described in the following page



### NYLON DIELECTRICS

These diaphragms dielectrically separate the tank from the piping. As a consequence magnesium anode will focus his protection action on the tank's lining only, thus reducing its consumption



### HIGHER-POWERED ELEMENTS

On demand, higher-powered elements can be fitted to the unit, in compliance with customer's requirements, thus boosting water heating and cutting down on heating and waiting times. Lower wattage elements can also be fitted, starting from 0,8Kw on most models.



### FLOOR STANDING

Horizontal executions are available also with supports for floor standing installation, practically limiting the installation just to water and power connection

# HEATING ELEMENT

## 4 ALTERNATIVE CHOICES TO POWER THE WATER HEATER

Lamborghini CaloreClima water heaters can be equipped with a choice of 3 different materials for their "heart", i.e. their heating element. Sturdy stainless steel, hyperconductive copper represent ultra-tested and cheap possibilities. Additionally, Lamborghini CaloreClima also offers Blueforever elements, very appreciated for longer durability and specialists' market.

### LONG TERM TEST

Standard element



Blueforever element



## Blueforever

THE SCALING ENEMY



<< LAMBORGHINI CALORECLIMA PATENT >>

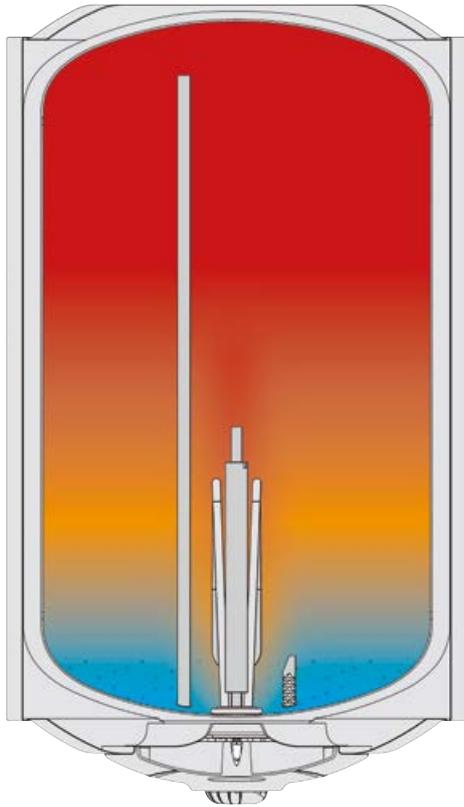
The element is enameled with Bluesilicon, a unique patented treatment, offering extra qualities such as:

- Drastically reducing the limestone deposit, which substantially shortens the life span of the element
- Top efficiency of the element for a longer period
- Maintaining the high performance throughout the life span of the element
- Extended Lamborghini CaloreClima warranty on the element



# EXECUTIONS

## VERTICAL / HORIZONTAL



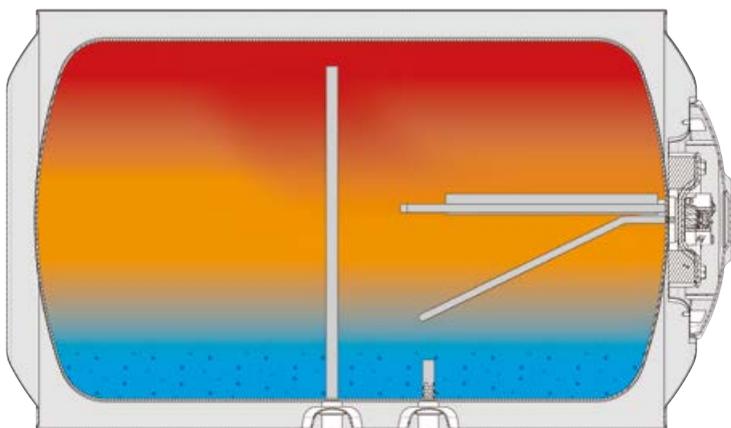
### VERTICAL

Thanks to the design, the stratification of hot water inside the tank is maximized.

This enhances energy saving and allows for the hottest possible water to be drawn, compatible with the thermostat setting, even accounting for frequent draws.

## STRATI+SYSTEM

In all executions, the cold water is drawn in the tank through a drilled pipe diffuser. Such pipe will allow for even spreading in the tank. As a result, stratification occurs in the best way possible, avoiding occasional cold water to stream to the top half of the tank, where hot water is conveyed to the point of use.



### HORIZONTAL

This execution is particularly recommended if the installation is to take place in a confined space.

Because of its limited height, the product can be placed under roofs and in the smallest corner of the house.

The water heater comes equipped also with supports for floor standing positioning, thus covering every possible installation case. The heating element is bended towards the bottom half of the tank.

This will force the water to move around in the tank, improving the mixing and guaranteeing that the hot water moves to the top from where it is conveyed to the point of use. Temperature management has been particularly studied for the shape of the horizontal appliance.

# DHW REQUIREMENT

## HOW MUCH WATER DO I NEED?

This is the key question when purchasing a water heater. It is not simple to choose the best size based on a family's hot water requirements. Too many variables influence the decision.

However, as a rule of thumb, it is helpful to ask oneself: "How many simultaneous (or in rapid succession) demands for hot water will I need?" and then to check the table below to get a fairly precise answer.

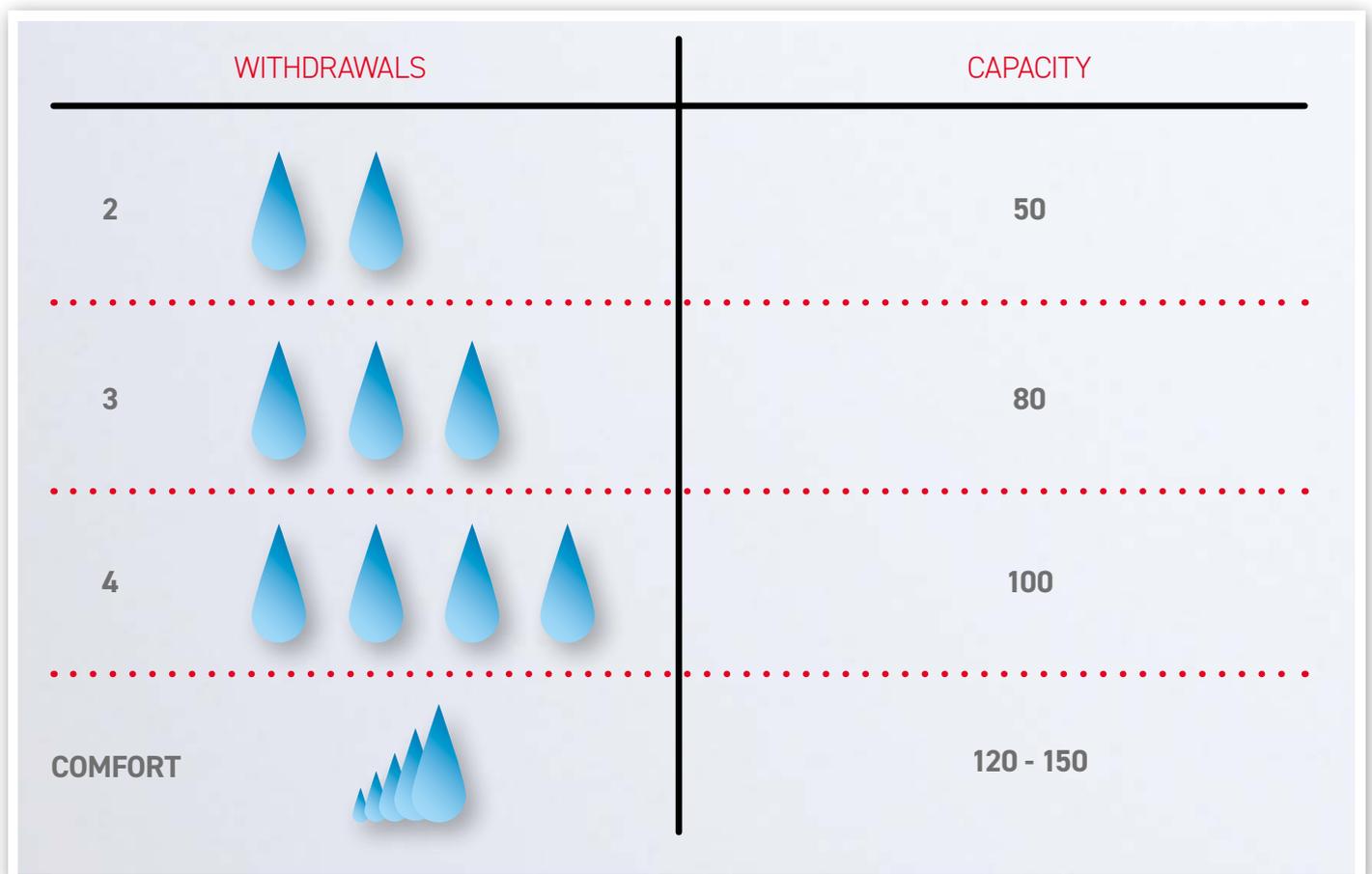
A functional solution would also be to use smaller capacity WH, say 15-30 litre, placed in-series with the bigger unit, say 80lt, and near the point of use (a sink, a basin or a shower etc.).

You will save energy by maintaining the temperature in the main tank around 40-50°C and only raising the temperature to the desired level by using the small peripheral unit. Highest performance with a minimum loss of heat.

## SIZE-CHOOSING EXAMPLES

See the following examples.

Variables are to be taken into account such as peak hours, consumption habits, temperature of the inlet cold water, room temperatures, length and insulation of the circuit etc.



Simulation has been calculated considering 6 lts/min withdrawal mixed at 40°C for 6 minutes



# Mid capacity models

Mid capacity water heaters are proposed in a variety of models, with different executions and sizes. They do cater for the need of a mid-size family.

**TAURUS BF**

Flanged Blueforever element

**TAURUS**

Flanged stainless steel element

**E-GLASSTECH**

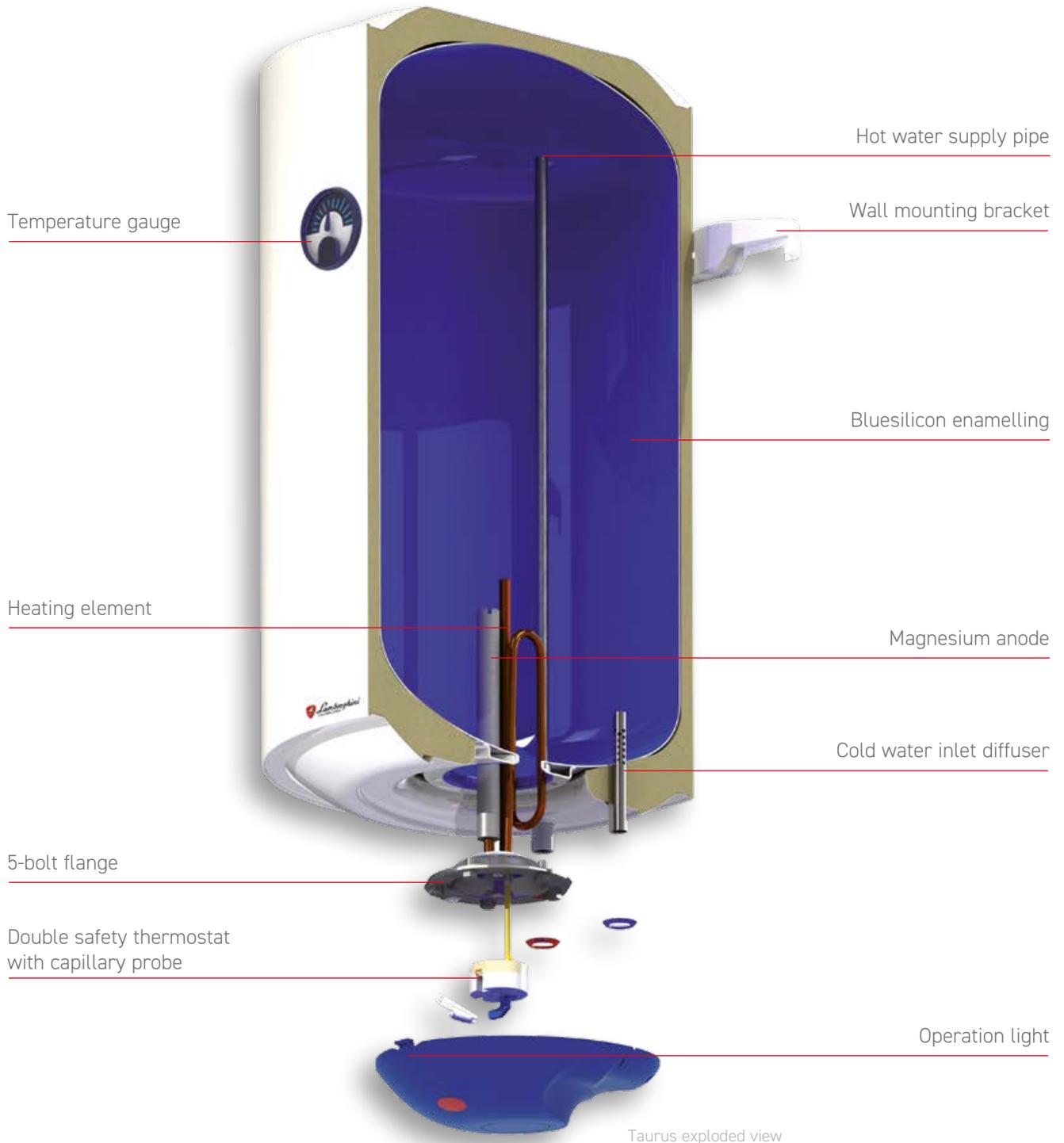
Flanged stainless steel element

**GLASS THERMAL**

Flanged stainless steel element

Slim diameter

# COMPONENTS



The appliances, entirely manufactured in Italy, are made with **high quality steel**.

Moreover, for each different component, the specific alloy or type of steel is used, in compliance with the necessary characteristics to convey to the component itself. At the moment of the edition of the present catalogue, 27 different

metal sheets are used in the factory.

The inner surface of the tank is protected by a **powder enamelling treatment "Blue Silicon"**. It is carried out using the most modern technologies for electrostatic application and then it is vitrified at 850°C. Perfection of the result is

# COMPONENTS



Taurus with screwed element



Taurus

double checked on every single water heater manufactured, through laser thickness gauge and photo-optic meter.

All models are equipped with a **high concentration anode**, in order to grant the maximum protection against electro-chemical reactions and safeguard the tank from corrosion.

Consumptions reduction along with environment respect is crucial on Lamborghini CaloreClima water heaters design and manufacture.

As to insulation infact, a high performance water blown polyurethane has been chosen and used, combining top performances and absolute lack of CFC or any other dangerous substance release. Furthermore, the appliances have been conceived to be **highly recyclable** after their disposal.

Every water heater is **tested** during the different production phases, to ensure the maximum quality, efficiency and operational longevity. Laboratory tests are performed periodically to verify the compliance to the declared performance data.

**Security** of the appliance is surveyed by thermostat with double safety system and a pressure relief valve, which must be integrated in the system installation with the additional

safety devices eventually required by the local law or european directive EN 1487, where applicable.

Lamborghini CaloreClima water heaters do not require particular maintenance precautions and will operate for long time.

They have been designed to permit easy replacement of materials subject to wear, in particular should water be aggressive or chalky.

Flanged electric group are mounted on a large 120 mm flange with 70 mm manhole, sealed by thick EPDM flexible gasket. It enables comfortable access for inspection and periodical anode replacement.

# TAURUS BF



TAURUS BF satisfies the discerning customer, still desiring a traditional product with wider customisation possibilities and longer warranty service.

## element

**Blueforever** - standard

## range

Vertical 50 - 80 - 100 - 120 - 150

Horizontal 50 - 80 - 100 - 120 - 150

## regulation

External for vertical models only

## Standard features

As per standard product



5 BOLTS FLANGE



STEEL EPOXY POWDER COATED JACKET



BLUE SILICON ENAMELLING



OPERATING LIGHT



\* EXTERNAL REGULATION

\* Only for vertical model

## Extra features

Further customization is possible on factory-tailored production lots



HEAVY-DUTY THERMOSTAT



POWER CABLE AND PLUG

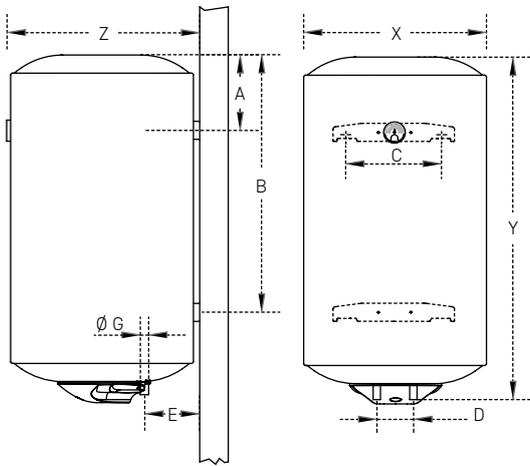


NYLON DIELECTRICS

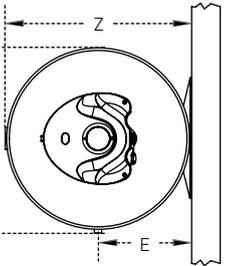
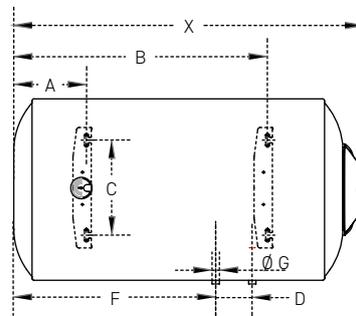


HIGHER POWER

# DIMENSIONS



Vertical



Horizontal

Max. operating pressure: 8 bar  
Voltage: 220-240 V 50-60 Hz

# TECHNICAL DATA

VERTICAL EXECUTION			50 VE	80 VE	100 VE	120 VE	150 VE
Dimensions	X	mm	440	440	440	440	440
	Y	mm	555	755	995	1130	1175
	Z	mm	460	460	460	460	460
	A	mm	185	185	185	190	190
	B	mm	/	/	/	915	955
	C	mm	265	265	265	265	265
	D	mm	100	100	100	100	100
	E	mm	130	130	130	130	130
Capacity		litres	50	80	100	120	150
Power		W	1500	1500	1500	1500	1500
Heating time	ΔT 35°C	minutes	1 h 26'	2 h 18'	2 h 53'	3 h 28'	4 h 19'
	ΔT 45°C	minutes	1 h 51'	2 h 58'	3 h 42'	4 h 27'	5 h 34'
Weight		Kg	16	20,5	25	28,5	29,5

HORIZONTAL EXECUTION			50 HO	80 HO	100 HO	120 HO	150 HO
Dimensions	X	mm	565	770	990	1135	1255
	Y	mm	440	440	440	440	440
	Z	mm	460	460	460	460	460
	A	mm	200	180	200	190	200
	B	mm	345	555	740	915	955
	C	mm	265	265	265	265	265
	D	mm	100	100	100	100	100
	E	mm	230	230	230	230	230
	F	mm	180	355	570	720	760
Capacity		litres	50	80	100	120	150
Power		W	1500	1500	1500	1500	1500
Heating time	ΔT 35°C	minutes	1 h 26'	2 h 18'	2 h 53'	3 h 28'	4 h 19'
	ΔT 45°C	minutes	1 h 51'	2 h 58'	3 h 42'	4 h 27'	5 h 34'
Weight		Kg	16	20,5	25	28,5	29,5

# TAURUS



TAURUS is the best-seller of Lamborghini CaloreClima range. Simple and robust, it is also good looking and can be installed also open-plan, thanks to its refined and sober design.

**element**  
Stainless Steel

**range**  
Vertical 50 - 80 - 100 - 120 - 150  
Horizontal 50 - 80 - 100 - 120 - 150

**regulation**  
Optional for vertical models



## Standard features

As per standard product



5 BOLTS FLANGE



STEEL EPOXY PODER COATED JACKET



BLUE SILICON ENAMELLING



OPERATING LIGHT



HIGH LIQUID INTRUSION PROTECTION

## Extra features

Further customization is possible on factory-tailored production lots



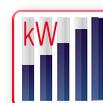
HEAVY-DUTY THERMOSTAT



POWER CABLE AND PLUG



NYLON DIELECTRICS



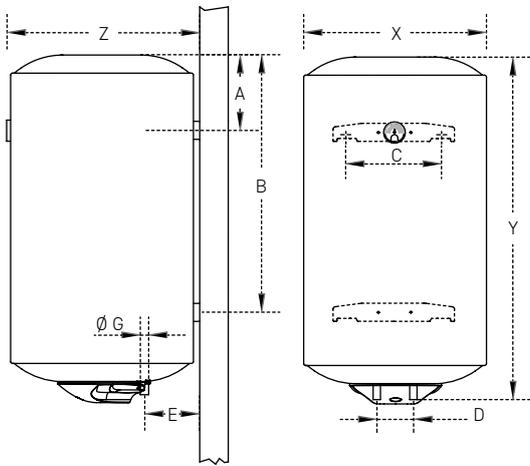
HIGHER POWER



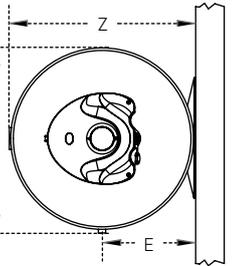
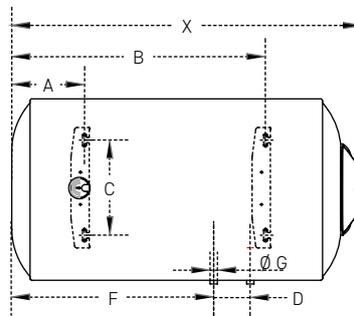
EXTERNAL REGULATION

\* Only for vertical model

# DIMENSIONS



Vertical



Horizontal

Max. operating pressure: 8 bar  
Voltage: 220-240 V 50-60 Hz

# TECHNICAL DATA

VERTICAL EXECUTION			50 VE	80 VE	100 VE	120 VE	150 VE
Dimensions	X	mm	440	440	440	440	440
	Y	mm	555	755	995	1130	1175
	Z	mm	460	460	460	460	460
	A	mm	185	185	185	190	190
	B	mm	/	/	/	915	955
	C	mm	265	265	265	265	265
	D	mm	100	100	100	100	100
	E	mm	130	130	130	130	130
Capacity		litres	50	80	100	120	150
Power		W	1500	1500	1500	1500	1500
Heating time	ΔT 35°C	minutes	1 h 26'	2 h 18'	2 h 53'	3 h 28'	4 h 19'
	ΔT 45°C	minutes	1 h 51'	2 h 58'	3 h 42'	4 h 27'	5 h 34'
Weight		Kg	16	20,5	25	28,5	29,5

HORIZONTAL EXECUTION			50 HO	80 HO	100 HO	120 HO	150 HO
Dimensions	X	mm	565	770	990	1135	1255
	Y	mm	440	440	440	440	440
	Z	mm	460	460	460	460	460
	A	mm	200	180	200	190	200
	B	mm	345	555	740	915	955
	C	mm	265	265	265	265	265
	D	mm	100	100	100	100	100
	E	mm	230	230	230	230	230
	F	mm	180	355	570	720	760
Capacity		litres	50	80	100	120	150
Power		W	1500	1500	1500	1500	1500
Heating time	ΔT 35°C	minutes	1 h 26'	2 h 18'	2 h 53'	3 h 28'	4 h 19'
	ΔT 45°C	minutes	1 h 51'	2 h 58'	3 h 42'	4 h 27'	5 h 34'
Weight		Kg	16	20,5	25	28,5	29,5

# E-GLASSTECH



Healthy Blue Silicon enamelling coating. Glasslined tank. Large magnesium anode fitted on element flange. Unbreakable thermometer in ABS plastic. Power indicator led. 5 bolt flange. Interchangeable bracket with most popular brands.

## element

Flanged stainless steel element

## range

Vertical 50 - 80 - 100 - 150

Horizontal 50 - 80 - 100 - 150

## regulation

External

## Standard features

As per standard product



5 BOLTS FLANGE



TRIPLE SAFETY



GLASSLINE TANK



MAGNESIUM ANODE



POWER INDICATOR



TEMPERATURE  
REGULATION

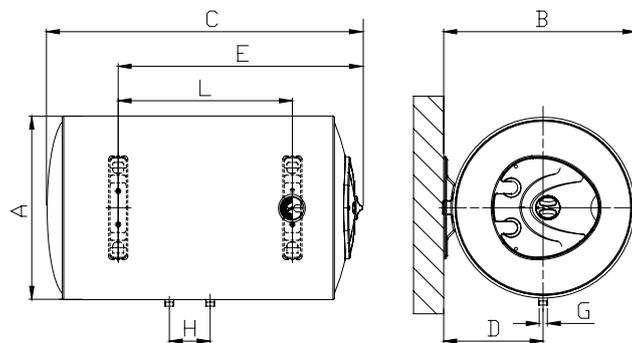
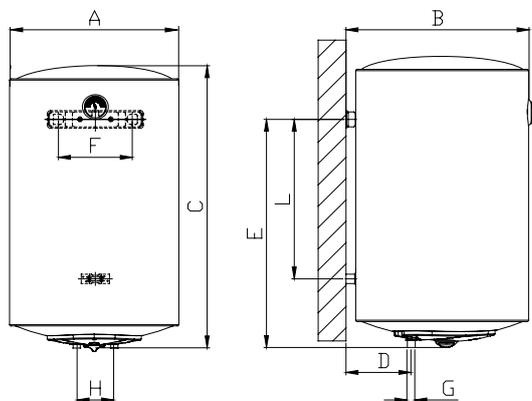


INSULATION  
CFC FREE



UNBREAKABLE  
THERMOMETER  
ABS

# DIMENSIONS



Vertical

Max. operating pressure: 8 bar  
Voltage: 220-240 V 50-60 Hz

Horizontal

# TECHNICAL DATA

E-GLASSTECH		VB050	VB080	VB0100	VB0150	HB050	HB080	HB0100	HB0150
Dimensions (mm)	A	438	438	438	438	438	438	438	438
	B	460	460	460	460	456	456	456	456
	C	579	810	974	1280	560	791	974	1280
	D	152	152	152	152	152	152	152	152
	E	370	600	767	1068	370	600	767	1068
	F	270	270	270	270	270	270	270	270
	G	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
	H	100	100	100	100	100	100	100	100
	L	154	385	549	855	154	385	549	855
Capacity	litres	50	80	100	150	50	80	100	150
Working pressure	MPa	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Watt	W	1500	1500	1500	1500	1500	1500	1500	1500
Insulation thickness	mm	19	19	19	19	19	19	19	19
Heating time	min	2h.14'	3h.35'	4h.29'	6h.43'	2h.14'	3h.35'	4h.29'	6h.43'
Net weight	kg	16.4	22.8	25.7	33.1	16.4	22.8	25.7	33.1
Gross weight	kg	18.4	24	28.2	36.3	18.4	24	28.2	36.3
Loading quantity	40 HQ	492	362	305	235	492	362	305	235
	20 GP	206	151	128	98	206	151	128	98

# GLASSTHERMAL



Slim diameter of tank. Healthy blue silicon enamelling coating. Glasslined tank. Large magnesium anode fitted on element flange. External temperature selector. Unbreakable thermometer in ABS plastic. Power indicator led. 5 bolt flange. Interchangeable bracket with most popular brands

## element

Flanged stainless steel element

## range

Vertical 30 - 40 - 50 - 60 - 70

Horizontal 30 - 40 - 50 - 60 - 70

## regulation

External

## Standard features

As per standard product



5 BOLTS FLANGE



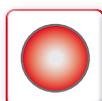
TRIPLE SAFETY



GLASSLINE TANK



MAGNESIUM ANODE



POWER INDICATOR



TEMPERATURE  
REGULATION

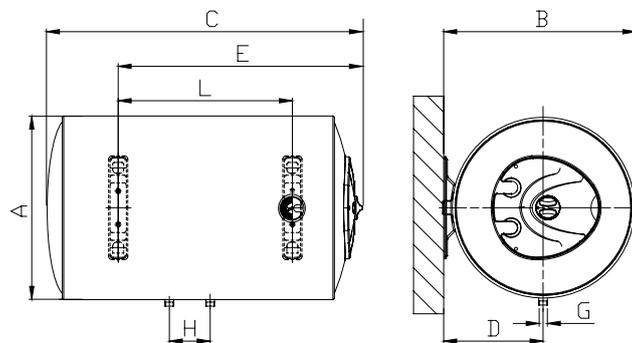
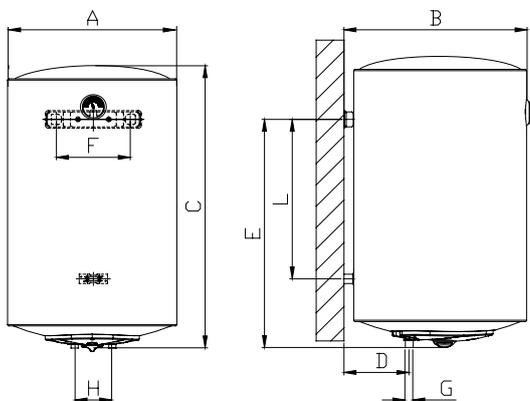


INSULATION  
CFC FREE



UNBREAKABLE  
THERMOMETER  
ABS

# DIMENSIONS



Vertical

Max. operating pressure: 8 bar  
Voltage: 220-240 V 50-60 Hz

Horizontal

# TECHNICAL DATA

GLASS THERMAL		VB030	VB040	VB050	VB060	VB070	HB030	HB040	HB050	HB060	HB070
Dimensions (mm)	A	368	368	368	368	368	368	368	368	368	368
	B	390	390	390	390	390	386	386	386	386	386
	C	522	632	742	852	962	522	632	742	852	962
	D	123	123	123	123	123	202	202	202	202	202
	E	342	452	562	677	777	342	452	562	677	777
	F	270	270	270	270	270	270	270	270	270	270
	G	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
	H	100	100	100	100	100	100	100	100	100	100
	L	140	250	360	470	580	140	250	360	470	580
	Capacity	litres	30	40	50	60	70	30	40	50	60
Working pressure	MPa	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Watt	W	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
Insulation thickness	mm	19	19	19	19	19	19	19	19	19	19
Heating time	min	1h.20'	1h.47'	2h.14'	2h.41'	3h.09'	1h.20'	1h.47'	2h.14'	2h.41'	3h.09'
Net weight	kg	13.7	14.1	16.3	17.7	19.5	13.7	14.1	16.3	17.7	19.5
Gross weight	kg	14.5	16.5	18.6	20.7	22.8	14.5	16.5	18.6	20.7	22.8
Loading quantity	40HQ	745	622	534	468	417	740	642	534	468	417
	20GP	312	260	223	196	175	310	264	223	196	174





# Indirect combi

Indirect combi models are equipped with supplementary coil. This is a very flexible solution, exploiting an existing energy source, maybe green and free, to boost-heating the water faster. Water heating may thus become less expensive or completely free, maybe even fully environment friendly, extremely rapid and efficient, depending on the installation and energy sources available.

## TAURUS BF MT

Flanged Blueforever element  
With auxiliary coil (standard or oversize)

## TAURUS MT

Flanged stainless steel element  
With auxiliary coil (standard or oversize)

# DOUBLE ENERGY SOURCE

## COMBINED OR INDIVIDUAL OPERATION

Indirect combi are provided with an additional coil, acting as a heat exchanger, besides the standard electric heating element. This implies that besides electric power, water can be heated - simultaneously or as an alternative - by an external heating source.

Pre-heated fluid would flow inside the sealed coil exchanger lodged in the tank, thus heating up the water, either alone or combined with the standard element.

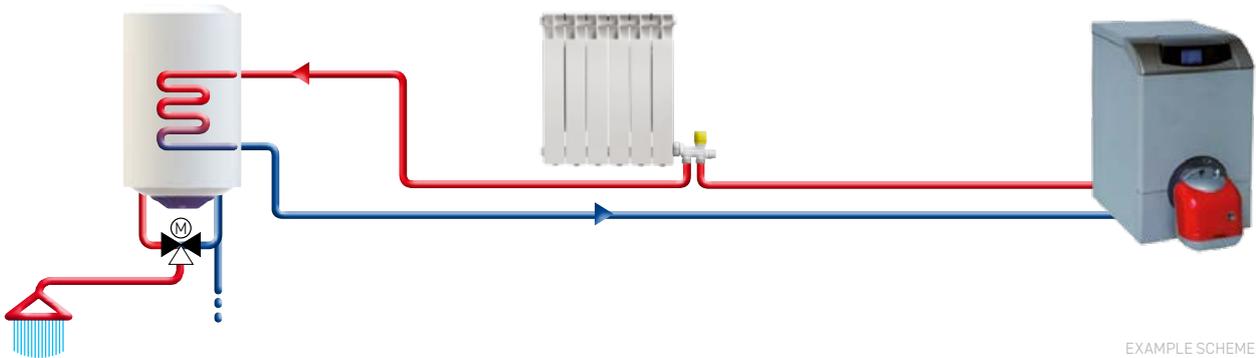
Pre-heated fluid is circulating inside a closed circuit, which may include the very same radiator used for central heating.

Alternatively it could come from another source like a thermal solar system or a biomass generator.



### AUXILIARY WATER HEATING:

#### IN SERIES WITH HEATING SYSTEM RADIATORS



EXAMPLE SCHEME

#### SUPPLIED BY AN EXTERNAL SOURCE (SOLAR, BIOMASS ETC)

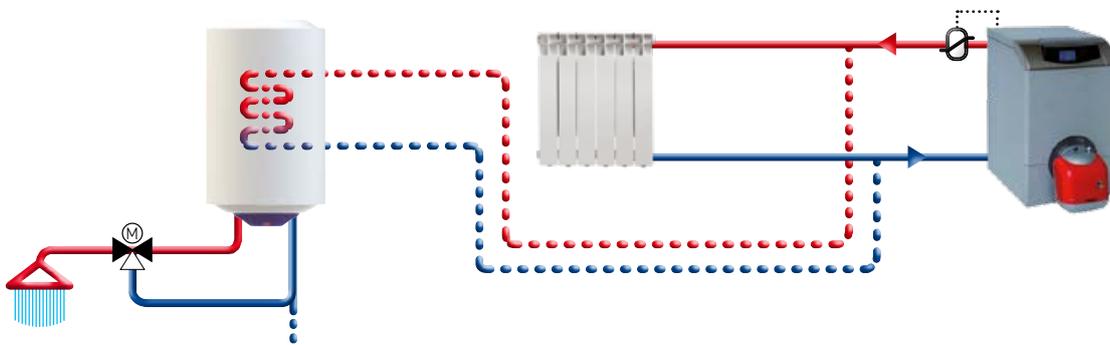


# SYSTEM ARRANGING

## INNER OR OUTER TEMPERATURE CONTROL?

Control temperature for auxiliary heating can be left on the external source: setpoint will be maintained by the appliance's flow probe; however installation can be flexibly arranged with other external temperature controlling and distribution system devices. Pressures peaks are avoided by the onboard relief valve set to 8,5 bar. It is highly recommended to install a thermostatic mixing valve at water outlet.

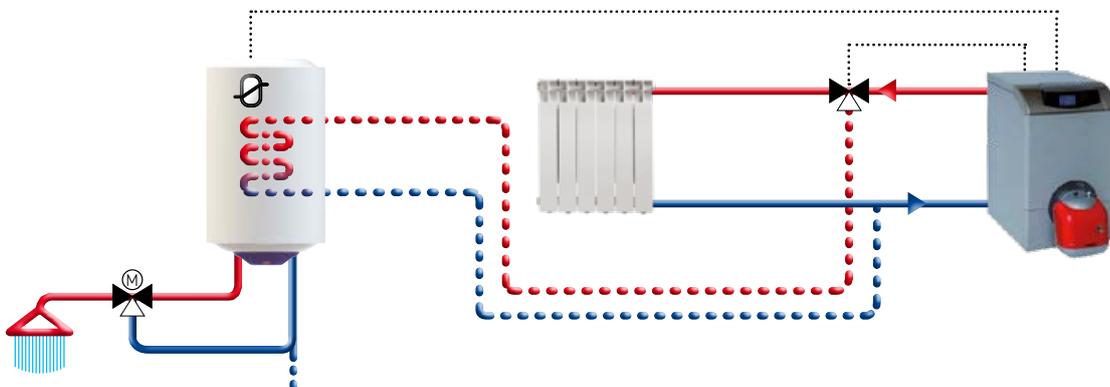
### OUTSOURCED TEMPERATURE CONTROL



EXAMPLE SCHEME

Lamborghini CaloreClima indirect combi water heater is available also with a probe pocket on the top of the tank. As a consequence temperature will be independent from the auxiliary heating.

### INTEGRATED TEMPERATURE CONTROL



EXAMPLE SCHEME

# TAURUS BF MT



It offers a flexible, multi-energy appliance with superior domestic hot water supply, open to new system possibilities. "BlueForever" heating element. Its surface is treated through a special patented process, which permits drastical reduction of limestone deposits.

## element

Blueforever titanium enamelled

## range

Vertical 50 - 80 - 100 - 120 - 150

Horizontal (wall hung or floor standing)

80 - 100 - 120 - 15

## regulation

External for vertical models

## connections

Right or left sided

## Standard features

As per standard product



5 BOLTS FLANGE



STEEL EPOXY PODER COATED JACKET



BLUE SILICON ENAMELLING



FAST HYDRO



HIGH LIQUID INTRUSION PROTECTION



OPERATING LIGHT



EXTERNAL REGULATION

<sup>1</sup> Only for vertical model

## Extra features

Further customization is possible on factory-tailored production lots



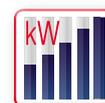
HEAVY-DUTY THERMOSTAT



POWER CABLE AND PLUG



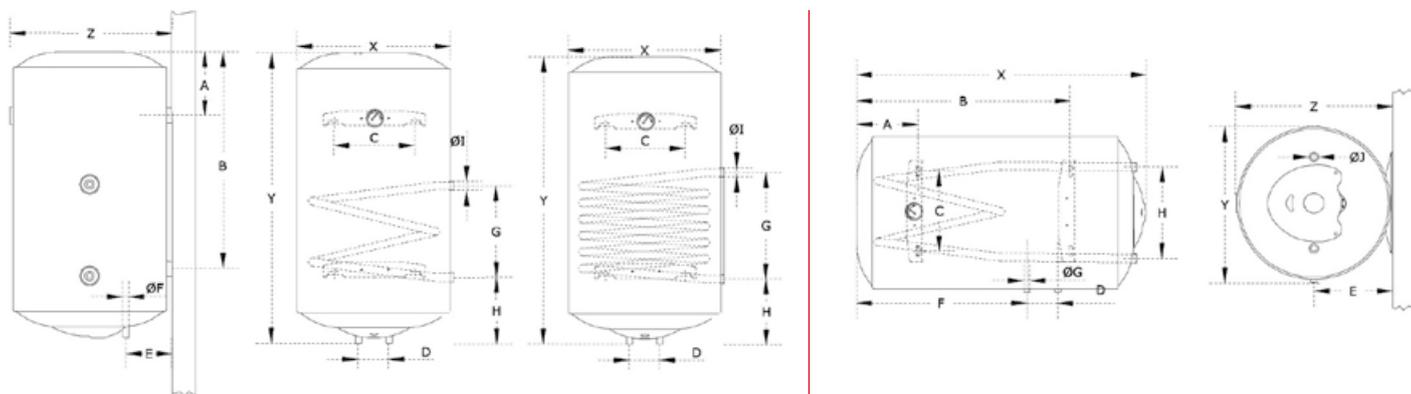
PROBE POCKET



HIGHER POWER

<sup>2</sup> Only for 6 coils vertical model

# DIMENSIONS



Vertical

Max. operating pressure: 8 bar  
Voltage: 220-240 V 50-60 Hz

Horizontal

# TECHNICAL DATA

TAURUS BF MT		VERTICAL 2 COILS				VERTICAL 6 COILS EXCHANGER				HORIZONTAL 2 COILS EXCHANGER			
		80	100	120	150	80	100	120	150	80	100	120	150
Dimensions	X	440	440	440	440	440	440	440	440	770	990	1135	1255
	Y	755	995	1130	1175	755	995	1130	1175	440	440	440	440
	Z	460	460	460	460	460	460	460	460	460	460	460	460
	A	185	185	190	190	185	185	190	190	180	200	190	200
	B	-	-	915	955	-	-	915	955	555	740	915	955
	C	265	265	265	265	265	265	265	265	265	265	265	265
	D	100	100	100	100	100	100	100	100	100	100	100	100
	E	130	130	130	130	130	130	130	130	230	230	230	230
	F	1/2" M	1/2" M	1/2" M	1/2" M	1/2"	1/2"	1/2"	1/2"	355	570	720	760
	G	240	240	240	240	380	380	380	380	1/2" M	1/2" M	1/2" M	1/2" M
	H	195	195	195	195	195	195	195	195	300	300	300	300
	I	1/2" F	1/2" F	1/2" F	1/2" F	1/2" F	1/2" F	1/2" F	1/2" F	3/4" M	3/4" M	3/4" M	3/4" M
Capacity	litres	80	100	120	150	80	100	120	150	80	100	120	150
Coil surface	m <sup>2</sup>	0.15	0.15	0.15	0.15	0.4	0.4	0.4	0.4	0.15	0.15	0.15	0.15
Electric power	W	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	
Heating time ΔT 35° C	electric	2 h 18'	2 h 53'	3 h 28'	4 h 19'	2 h 18'	2 h 53'	3 h 28'	4 h 02'	2 h 18'	2 h 53'	3 h 28'	4 h 19'
	thermic	59'	1 h 14'	1 h 29'	2 h 10'	21'	26'	31'	39'	59'	1 h 14'	1 h 29'	2 h 10'
Weight	kg	24	28.5	32	33	26.5	31	34.5	35.5	20.5	25	28.5	29.5

# TAURUS MT



Energy saving and much hot water. It offers a flexible, multi-energy appliance with superior domestic hot water supply, open to new system possibilities...

## element

Stainless steel

## range

Vertical 50 - 80 - 100 - 120 - 150  
Horizontal (wall hung or floor standing)  
80 - 100 - 120 - 150

## regulation

External for vertical models

## connections

Right or left sided

heating time reduction over  
80%

Thermic 6 coils vs electric

Even more through combi  
operation  
(Thermic + Electric)

## Standard features

As per standard product



5 BOLTS FLANGE



STEEL EPOXY PODER  
COATED JACKET



BLUE SILICON  
ENAMELLING



FAST HYDRO



HIGH LIQUID INTRUSION  
PROTECTION



OPERATING LIGHT



EXTERNAL  
REGULATION

1 Only for vertical model

## Extra features

Further customization is possible on factory-tailored production lots



HEAVY-DUTY  
THERMOSTAT



POWER CABLE  
AND PLUG



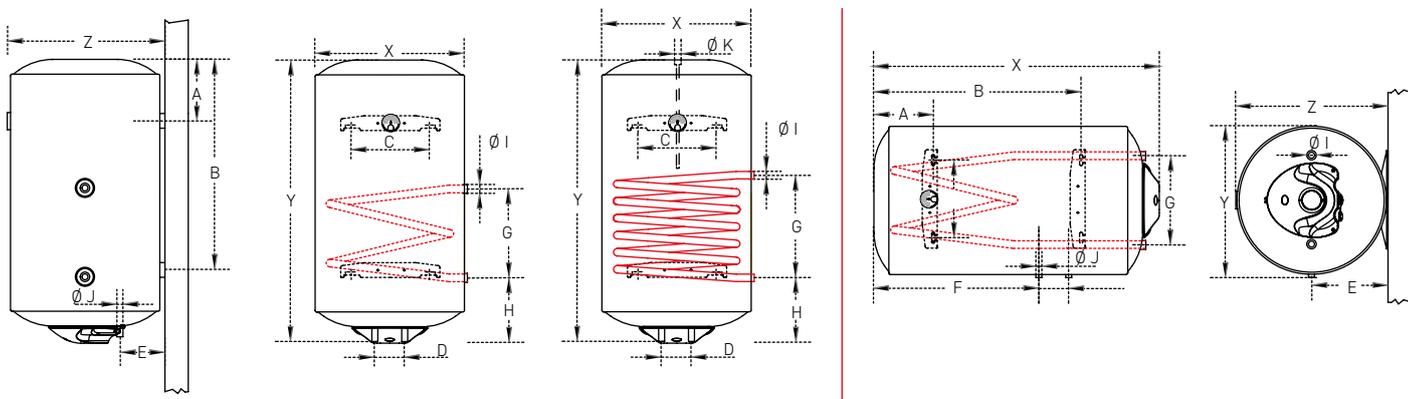
PROBE POCKET



HIGHER POWER

2 Only for 6 coils vertical model

# DIMENSIONS



Vertical

Max. operating pressure: 8 bar tank, 12 bar coil  
Voltage: 220-240 V 50-60 Hz

Horizontal



## TOTAL CONTROL OF HEATING INTEGRATION

Optional probe pocket permits temperature control via a sensor. Therefore integration of the external source may be precise and eventually scheduled and smartly managed.

# TECHNICAL DATA

TAURUS MT	Mod.	VERTICAL 2 COILS				VERTICAL 6 COILS EXCHANGER				HORIZONTAL 2 COILS EXCHANGER			
		80	100	120	150	80	100	120	150	80	100	120	150
Dimensions	X	440	440	440	440	440	440	440	440	770	990	1135	1255
	Y	755	995	1130	1175	755	995	1130	1175	440	440	440	440
	Z	460	460	460	460	460	460	460	460	460	460	460	460
	A	185	185	190	190	185	185	190	190	180	200	190	200
	B	/	/	915	955	/	/	915	955	555	740	915	955
	C	265	265	265	265	265	265	265	265	265	265	265	265
	D	100	100	100	100	100	100	100	100	100	100	100	100
	E	130	130	130	130	130	130	130	130	230	230	230	230
	F	-	-	-	-	-	-	-	-	355	570	720	760
	G	240	240	240	240	380	380	380	380	300	300	300	300
	H	195	195	195	195	195	195	195	195	-	-	-	-
	I	1/2" F	1/2" F	1/2" F	1/2" F	1/2" F	1/2" F	1/2" F	1/2" F	3/4" M	3/4" M	3/4" M	3/4" M
	J	1/2" M	1/2" M	1/2" M	1/2" M	1/2"	1/2"	1/2"	1/2"	1/2" M	1/2" M	1/2" M	1/2" M
K (opt.)	-	-	-	-	1/2" F	1/2" F	1/2" F	1/2" F	-	-	-	-	
Capacity	litres	80	100	120	150	80	100	120	150	80	100	120	150
Coil surface	m <sup>2</sup>	0,15	0,15	0,15	0,15	0,4	0,4	0,4	0,4	0,25	0,25	0,25	0,25
Electric power	W	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	
Heating time ΔT 35° C	electric	2 h 18'	2 h 53'	3 h 28'	4 h 19'	2 h 18'	2 h 53'	3 h 28'	4 h 02'	2 h 18'	2 h 53'	3 h 28'	4 h 19'
	thermic	59'	1 h 14'	1 h 29'	2 h 10'	21'	26'	31'	39'	59'	1 h 14'	1 h 29'	2 h 10'
Weight	kg	24	28,5	32	33	26,5	31	34,5	35,5	20,5	25	28,5	29,5





# Small capacity model

These mini water heaters can be installed wherever there is a tap supplying hot water for domestic use.

They are available in above-sink or under-sink configurations.

**MINITAURUS**

15 - 30 litres capacity

**MICROTAURUS**

5 - 10 litres capacity

# INSTALLATION

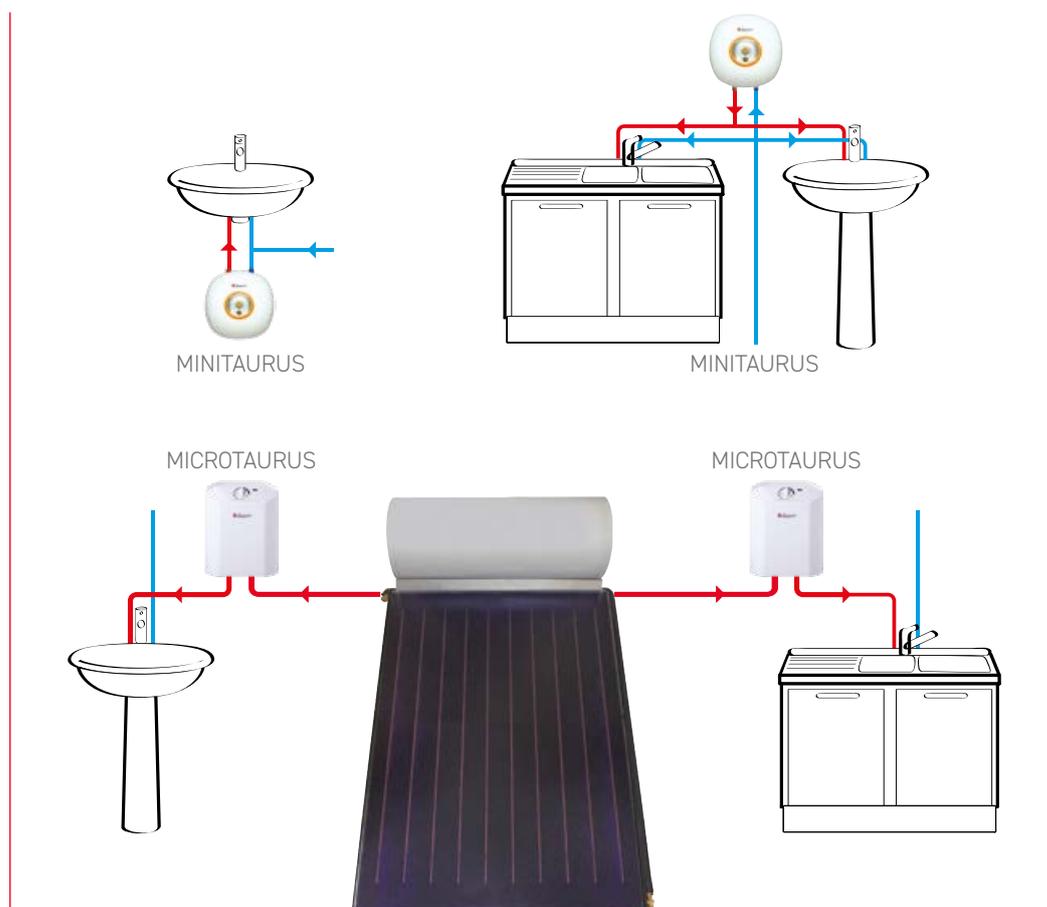
## FREE-STANDING OR SYSTEM-INTEGRATED?

Mini water heaters are not used as a stand-alone installations only, but also as part of a domestic water heating system.

## INDIPENDENT INSTALLATION

Small capacity electric water heaters are widely used in situations where domestic hot water is needed but it is not possible or convenient producing it with traditional energy sources.

A power point and water supply is then enough to install the appliance in any place. It is particularly indicated for applications such as small flats, utility rooms, workplaces, camping caravans etc. Installation can be above-sink or under-sink and units can consequently be chosen with upper/lower water connections.



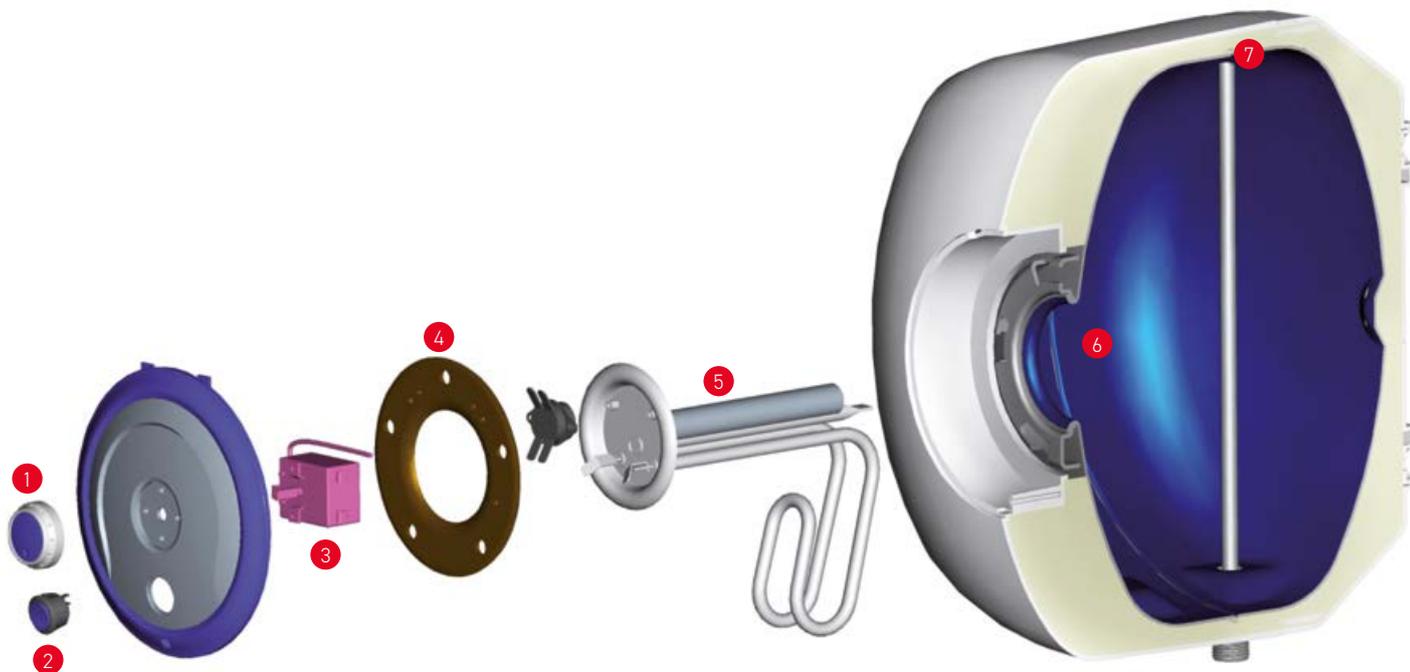
## SYSTEM-INTEGRATED INSTALLATION

Mini water heaters may be used as a terminal part of a mid or large size system. In this case a main appliance will keep a large quantity of domestic hot water at a medium temperature, e.g. 40°C.

This water can then be taken to the maximum temperature, e.g. 60°C close to the point of use. This final operation can be carried out by a small peripheral water heater. Such system ensures the best performance with a huge energy saving.

# COMPONENTS

SMALL IN SIZE BUT HIGH IN QUALITY



MINITAURUS ABOVE-SINK

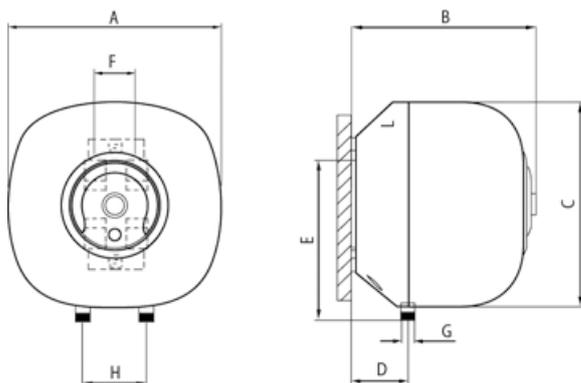
- 1 TEMPERATURE KNOB**  
Steplessly regulation from 35°C to 75°C
- 2 ON-OFF BUTTON**
- 3 CAPILLARY THERMOSTAT**  
Highly sensitive fluid-filled element. Includes quick reaction termoprotector and reset button
- 4 FLANGE**  
Sturdy 5 bolts flange. Fixing doesn't need dynamometric key, as the closure has been particularly studied in order the correct pressure is easily applied simply tightening the screws
- 5 HEATING ELEMENT**  
Extended element in AISI 316 stainless steel, specially bended to cover the maximum surface in the tank. The assembly includes thermostat sheath and oversize magnesium anode
- 6 STEEL TANK**  
Made of thick metal sheet, pressure tested at 16 bar. The Bluesilicon® enamelling on the inside surface ensures a unvaried smooth surface along the years, besides resistance to corrosion and bumps
- 7 DHW FEED PIPE**  
In stainless steel, collects hot water from the very top of the tank

# MINITAURUS



- External casing in strong ABS
- Reinforced hanging bracket with internal steel bar
- Capillary thermostat
- High concentration magnesium anode
- ON/OFF switch
- Front stepless temperature adjustment, with power level led indication
- Pressure relief valve, set to 8,5 bar
- Electric cable included (without plug)

\*S = Undersink



MINITAURUS			SN 15	SN 15 S*	SN 30
Dimensions	A	mm	360	360	440
	B	mm	329	329	389
	C	mm	375	375	455
	D	mm	97	97	113
	E	mm	265	125	318
	F	mm	66	66	66
	G	inches	1/2" M	1/2" M	1/2" M
	H	mm	100	100	100
Capacity		litres	15	15	30
Heating time	$\Delta T$ 35°C		26'	26'	52'
	$\Delta T$ 45°C	min.	33'	33'	1 h 07'
Power		W	1500		
Voltage			220~240 V 50-60 HZ		
Weight		Kg	7,8	7,8	11,5

## Features



OPERATING LIGHT



EXTERNAL REGULATION



ABS SHOCK-PROOF OUTER CASING



ON/OFF SWITCH



HIGH LIQUID INTRUSION PROTECTION



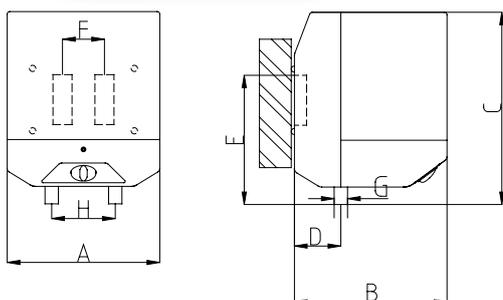
BLUE SILICON ENAMELLING

# MICROTAURUS



- Reinforced hanging bracket with internal steel bar
- Capillary thermostat for temperature management
- High concentration magnesium anode
- ON/OFF switch
- Front stepless temperature adjustment, with LED for setpoint reach
- Pressure relief valve, set to 8,5 bar
- Electric cable included (without plug)

\*S = Undersink



MICROTAURUS			5	5 S*	10	10 S*
Dimensions	A	mm	238	238	238	238
	B	mm	238	238	238	238
	C	mm	280	280	430	430
	D	mm	76	76	76	76
	E	mm	252	114	265	125
	F	mm	66	66	66	66
Diameter	G	inches	1/2" M	1/2" M	1/2" M	1/2" M
Diameter	H	mm	100	100	100	100
Capacity		litres	5	5	10	10
Heating time	$\Delta T$ 35°C	min.	6'	6'	13'	13'
	$\Delta T$ 45°C		8'	8'	17'	17'
Power		W	2000			
Voltage			220-240 V 50-60 HZ			
Weight		Kg	6,5	6,5	7,8	7,8

## Features



OPERATING LIGHT



EXTERNAL REGULATION



HIGH LIQUID INTRUSION PROTECTION



ON/OFF SWITCH



BLUE SILICON ENAMELLING



# Commercial range

Large capacities water heaters are ideal in case of abundant or intensive demand, as well as for real systems combined with other sources or small peripheral heaters, in any case capable to satisfy multipoint water use.

## TAURUS MAXI

Blueforever titanium enamelled  
single phase  
wall hung vertical / horizontal  
200 liters capacity

Combinations of the characteristics depending on the model

## HE

Floor standing - vertical  
From 150 to 500 liters capacity

# TAURUS MAXI BF



TAURUS MAXI BF covers the needs of big residential plants or commercial applications for collective leisure, restauration, lodging facilities. Internal regulation. Setpoint temperature can be modified through the internal knob, removing the plastic cover. It is however factory pre-set in order to get maximum possible efficiency according to European regulation 812/2013. A proper thermostat setting ensures a high water flow at mixed 40°C temperature. Vertical model is adjusted at 70°C whereas the horizontal one at 60°C. Oversize thermal insulation (33 mm)

## element

Blueforever titanium enamelled

## range

Vertical wall-hung: 200 lt

Horizontal wall-hung: 200 lt

## voltage

Standard one phase

## Standard features

As per standard product



5 BOLTS FLANGE



HIGH LIQUID  
INTRUSION  
PROTECTION



BLUE SILICON  
ENAMELLING



2 NYLON  
DIELECTRICS



OPERATING LIGHT



OVERSIZE THERMAL  
INSULATION



1 HEAVY-DUTY  
THERMOSTAT

1 On floor standing models

2 On floor standing models

## Extra features

Further customization is possible on factory-tailored production lots

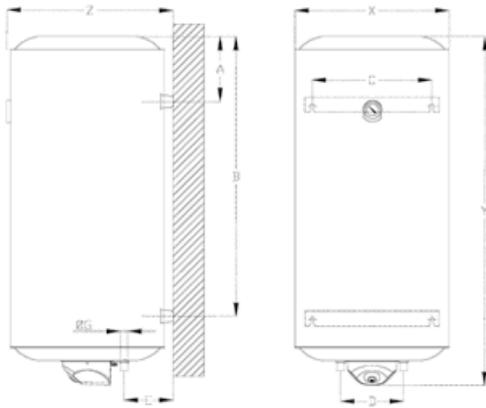


HIGHER POWER



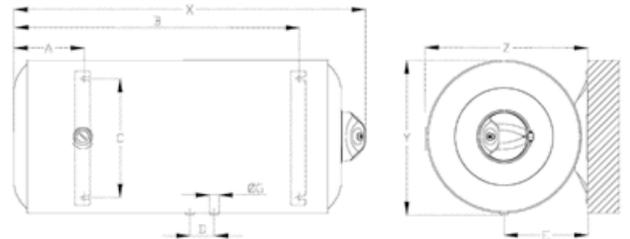
POWER CABLE  
AND PLUG

# DIMENSIONS



Vertical

Max. operating pressure: 6 bar  
Voltage: 220-240 V 50 Hz



Horizontal

# TECHNICAL DATA

TAURUS MAXI BF			200 V	200 H
Dimensions	X	mm	565	1253
	Y	mm	1253	565
	Z	mm	592	592
	A	mm	195	195
	B	mm	1035	1035
	C	mm	440	265
	D	mm	230	140
	E	mm	175	310
	F	mm	-	595
	G	inches	3/4"	3/4"
Capacity		litres	200	200
Power (standard element)		W	4000	4000
Heating time	$\Delta T$ 35°C	minutes	2 h 10'	2 h 10'
	$\Delta T$ 45°C	minutes	2 h 47'	2 h 47'
Weight		Kg	51	51

# HE 150-300



Single tank floor standing 1 series

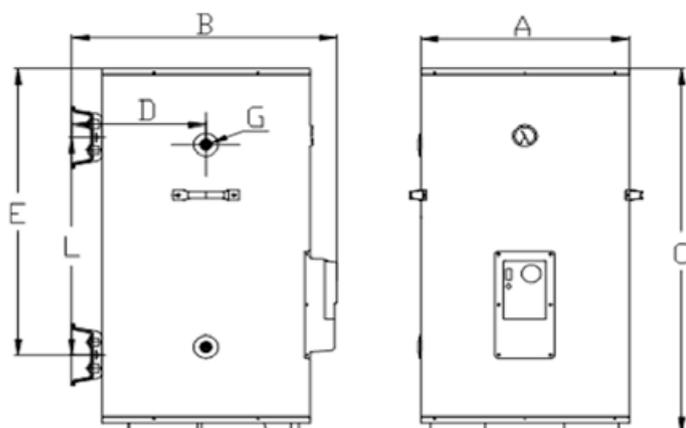
Capacity: 150, 200, 300 lt - Floor standing

Power: 150 lt (1.5 kW) / 200 lt (3 kW) / 300 lt (4 kW)

Interface: thermometer

Control: product body control

High efficiency stainless steel heating element. Health blue silicon coating. Glasslined tank. Large and double magnesium anode. Unique design of Mg installation. Drain pipe. Extra TP valve (optional). Power indicate led. Temperature setting



## TECHNICAL DATA

MODEL		HE-150	HE-200	HE-300
Dimensions	A	ø 581	ø 581	ø 581
	B	664	664	664
	C	875	1095	1525
	D	258	258	258
	E	220	220	220
	F	385	605	1035
	G	3/4"	3/4"	3/4"
Net / Gross weight	kg	52 / 58	60 / 68	76 / 86
20 GP / 40 GP	PCS	68 / 180	48 / 119	35 / 75
Capacity	lt	150	200	300
Heating element	W	3000	3000	5000
Thermostat	-		capillary	

# HE 400-500



Big capacity EHW, half and full tank heating

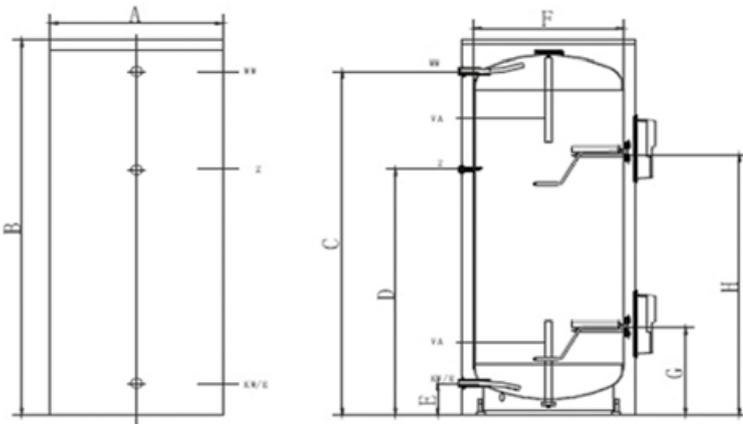
Capacity: 400, 500 lt - Floor standing

Power: 3 kW + 3 kW

Interface: thermometer

Control: product body control

Half and full tank heating, via single or double element operation. 50 mm insulating layer. High efficiency stainless steel heating element. Health blue silicon coating. Glasslined tank. Large and double magnesium anode. Unique design of mg installation. Drain pipe. Extra TP valve (optional). Power indicate led. Temperature setting.



## TECHNICAL DATA

MODEL		HE-400	HE-500
Dimensions	A	ø 750	ø 750
	B	1469	1769
	C	1319	1619
	D	930	1236
	E	148	148
	F	650	650
	G	410	410
	H	930	1236
Net / Gross weight	kg	81 / 145	102 / 169
20 GP / 40 GP	PCS	14 / 28	14 / 28
Capacity	lt	400	500
Heating element	W	3000	3000
Thermostat	-		capillary



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