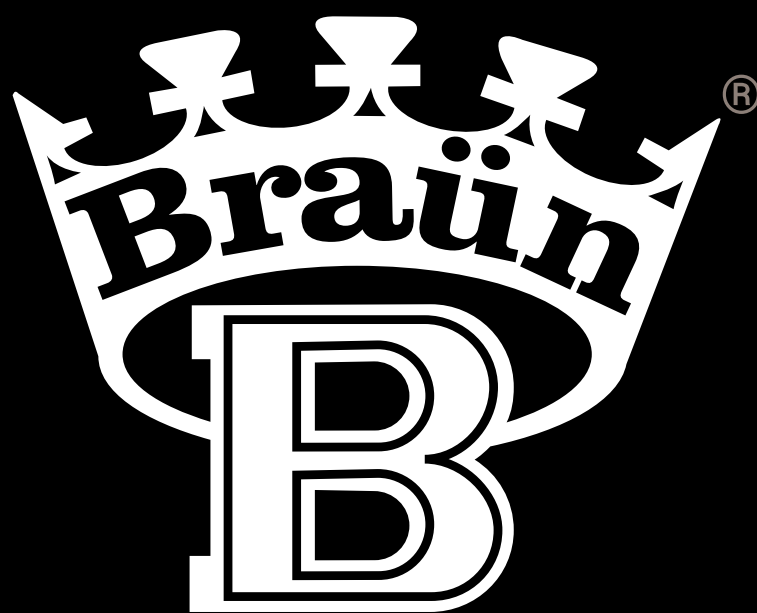




WATER HEATERS
CATALOGUE

2018

Bandini
WATER HEATERS

Bandini
WATER HEATERS

PRODUCER OF
WATER HEATERS
SINCE 1955

BANDINI, AN ITALIAN STORY

A story that starts from afar.

The year was 1955. The Italy was facing the delicate phase of reconstruction after the Second World War, and the growing enthusiasm for the growing demand of products led to the birth of many economies.

Right now for the country, even the family BANDINI decided to launch out on the market with the idea to produce electric water heaters.

Today, that idea started from far away, has become a solid and established reality, with 4 plants, hundreds of thousands of products every year come out of production lines and a sales network present in 54 European and non-European countries.

The registered trademark, international certification and products that business processes, produce completely developed and produced in Italy and the continuous development of business processes make the BANDINI historical presence and reliable WATER HEATERS.

More than 2 million households are using our products right now. Our aim is to bring comfort and quality Italian product also at your home.



THE POWER OF TITANIUM: The reason for the choice.

Having made water heaters since 1955 we have acquired considerable knowhow and this experience enable us to produce excellent products.

A critical issue is to know how to combat aggressive agents and in hot water heater the area around the heating element is a possible point at risk.

We have searched to improved performance and to ensure the best finish possible all OUR BOILERS ARE TREATED WITH VITREOUS ENAMEL POWERED BY TITANIUM.



THE ELECTRIC WATER HEATER: JOYS AND SORROWS

The electric water heater is the easiest and cheapest way to have hot water available for your bathroom and your own kitchen. Simple installation and reasonable purchase cost make it the most direct route to meet the needs of domestic hot water to any apartment, without worrying about the problems with chimneys or periodic maintenance required.



EFFICIENCY AND ENERGY SAVING

Electric water heaters make a great service but this service costs in terms of energy consumed to heat the water in the tank. To maintain the temperature of the hot water as long as possible we increase the effect of "thermal insulation" with appropriate thickness of polyurethane foam.

COMFORT

Our water heaters are produced in various capacities to meet the most common needs. Taking into account that a shower consumes an average of 25 litres of water in medium temperature 40° C, a 13-litre sink and a bath 80 litres, you can easily determine the daily value based on the number of members of the family.



ITALIAN MANUFACTURING

The water heaters manufactured by BANDINI SCALDABAGNI spa are entirely manufactured in Italy, with Italian machinery and personnel.

OUR STORAGE WATER HEATERS ARE IN CONFORMITY WITH THE FOLLOWING DIRECTIVES AND STANDARDS:

- **EN60335-1:2002** household and similar electric appliances. Safety: part 1: general requirements.
- **EN60335-2-21:2003** household and similar electric appliances – safety. Part 2-21: particular requirements for storage water heaters.
- **DIR 2004/108/EMC** electromagnetic emissions
- **DIR 2011/65/ROHS** restriction of the use of certain hazardous substances in electrical and electronic equipment.
- **DIR 2013/812/UE** Ecolabel
- **DIR 2013/814/UE** Ecodesign
- **PrEN50440:2013** tests methods for energy efficiency measurements
- **DIN 4753-3** for enamelling of water tanks
- **EN 60379:2004** Methods for measuring the performance of electric storage water-heaters for household purposes

Company certification for
QUALITY MANAGEMENT SYSTEM
UNI EN ISO 9001 2008



GUARANTEED
PERFORMANCE
LOW ENERGY
CONSUMPTION
LONG LIFE GUARANTEED



All this is due to over 50 years Experience,
Research and BANDINI Technology.

WATER HEATERS

Made from first quality selected steel.
100% quality tested for pressure and jointing
failure. Pressure test resistance rated at 20 bar.

STEEL TUBING

For hot water outlets

EXTERNAL PROTECTION

Finished with an epoxy enamel.

INTERNAL PROTECTION

Finished baked enamel TITANIUM
powered.

BAKED ENAMEL PROCESS

Continuously monitored to DIN 4753

THERMAL INSULATION

Compact PU foam.

CATHODE PROTECTION

Cathodic protection by magnesium anode
that melting in water provide durability to
the equipment.

THERMOSTAT

Duplex: temperature control regulation and
safety cut-off power control in the event of
anomaly.

ARMOURED HEATING ELEMENT

In pre shaped copper.

THE BANDINI GROUP

The company

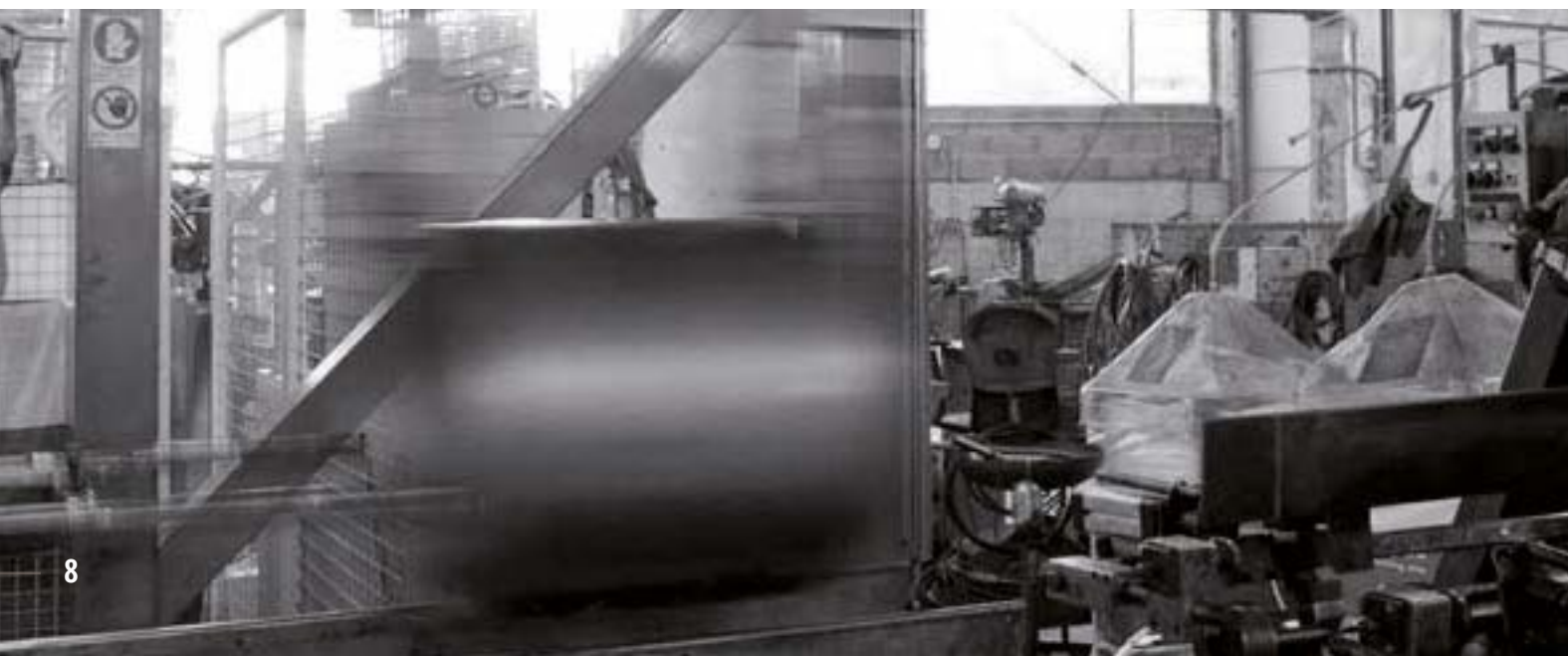
As a global player, Bandini is distributing its
products all around the world, from North to
South, from East to West.

Installation conditions and water supply
conditions can be very different from country
to country.

Water can come from mountains, from the well,
from the water after desalination processes.

But the quality has to be always the same:

Excellent !



LIST OF PROJECTS: BANDINI AROUND THE WORLD

The mission of the company is to produce reliable and lost lasting water heaters always trying to comply with customer requirements and market specifications.
During the recent years we supplied with great satisfaction from our clients such a good numbers of projects, always respecting the product specifications and the requested delivery times.

2010 – LIBYA

Project: WEST BENGHAZI NEW TOWN 20000 HOUSING
PRODUCT SUPPLIED
ELECTRIC WATER HEATERS
VERTICAL 50/80/100 LTS HORIZONTAL 100LTS
QUANTITY INVOLVED : 70.000 units

2008 – DUBAI

Project: ROSE ROTANA SUITES
PRODUCT SUPPLIED:
ELECTRIC WATER HEATERS
80/100 LTS HORIZONTAL

2010- UNITED NATIONS

Project: UNITED NATIONS PEACEKEEPING FORCE
IN CYPRUS (UNFICYP)
PRODUCT SUPPLIED:
ELECTRIC WATER HEATERS
VERTICAL 50/80/100 LTS

2010- LEBANON

Project: UNIFIL Naqoura Camp - LEBANON
PRODUCT SUPPLIED
ELECTRIC WATER HEATERS
VERTICAL 50/80/100 LTS

2010 – KINGDOM OF BAHRAIN

Project: 10 VILLA AT SAAR PROJECT
PRODUCT SUPPLIED:
ELECTRIC WATER HEATERS
VERTICAL 50/80/100 LTS HORIZONTAL
100LTS

2008 - 2009 – UAE

Project: MARINA WEST – BAHRAIN
(www.marinawest.com)
PRODUCT SUPPLIED:
ELECTRIC WATER HEATERS
VERTICAL 50/80/100 LTS HORIZONTAL roof mounted

2009-BAHRAIN

Project: VILLAMAR – BAHRAIN
PRODUCT SUPPLIED
ELECTRIC WATER HEATERS
VERTICAL 50/100 LTS HORIZONTAL WALL mounted

2014 – ABU DHABI

Project: MARINA BLOOM DEVELOP-
MENT
PRODUCT SUPPLIED:
ELECTRIC WATER HEATERS
80/100 LTS HORIZONTAL
ABR AL MUTAWASIT LLC100LTS

2014 – DUBAI

Project: DAMA Golf (3 Cluster) Course Development
Client: M/s. AKOYA BY DUBAI LAND.
Consultant: M/s. NAGA Architects, Designers &Planners.
PRODUCT SUPPLIED:
ELECTRIC WATER HEATERS 80/100 LTS HORIZONTAL

OURWATERHEATERS

Total protection against electro-magnetic corrosion
using magnesium anode



Outer regulation of temperature



Inspection flange



Low noisiness



Component standard ROSH



Respect of the environment



Led Control



Installation kit



Armoured copper heating element



Recycle connection



Safety thermostat



Smoke control



Insulation polyurethane



Chimney cap

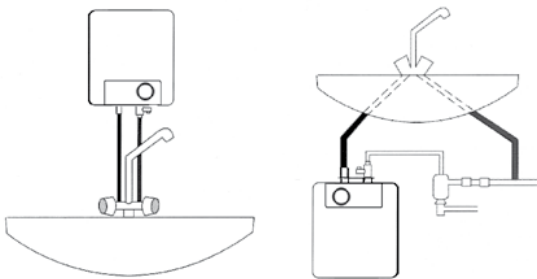
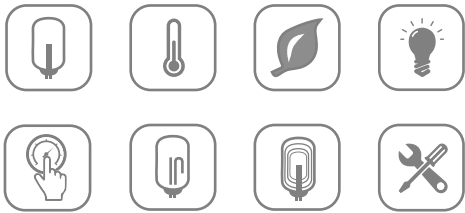
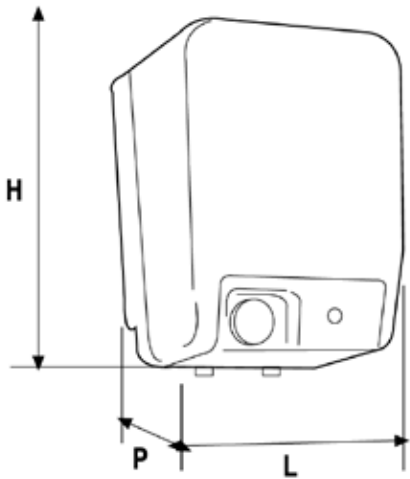


High energy efficiency





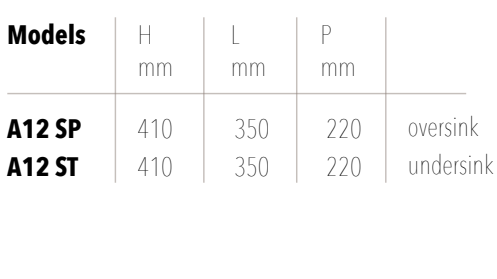
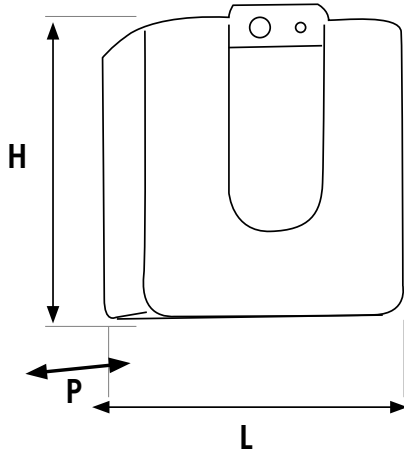
A5



Models	H mm	L mm	P mm	
A5 SP	340	250	245	oversink
A5 ST	340	250	245	undersink

Models	Thermal Dispersion 65° (Kwh/24h)	Power Watts*	Voltage Volts	Heating Time dt 50°C	Max Temperature C°	Max Pressure (bar)	Humidity Protection	Class Insul.	Profile	Energy Class
A5 SP	0,38	1500	230	16'	50	8	IPX4	I	XXS	B
A5 ST	0,38	1500	230	16'	50	8	IPX4	I	XXS	B

A12



Models	H mm	L mm	P mm	
A12 SP	410	350	220	oversink
A12 ST	410	350	220	undersink

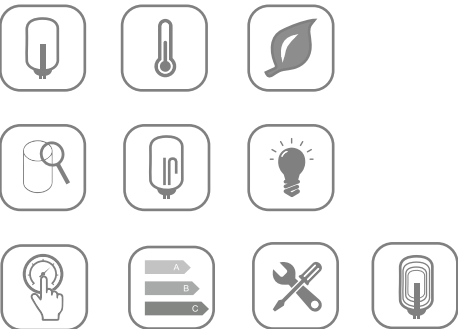
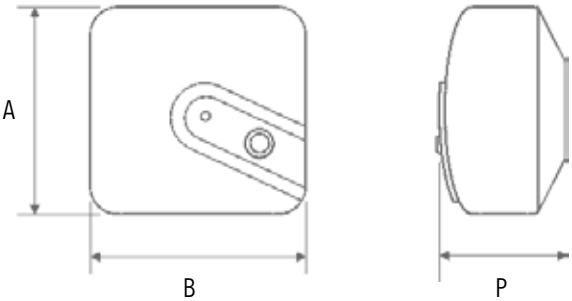
Models	Thermal Dispersion 65° (Kwh/24h)	Power Watts*	Voltage Volts	Heating Time dt 50°C	Max Temperature C°	Max Pressure (bar)	Humidity Protection	Class Insul.	Profile	Energy Class
A12 SP	0,38	1500	230	30'	75	8	IPX4	I	XXS	B
A12 ST	0,38	1500	230	30'	75	8	IPX4	I	XXS	C





Q

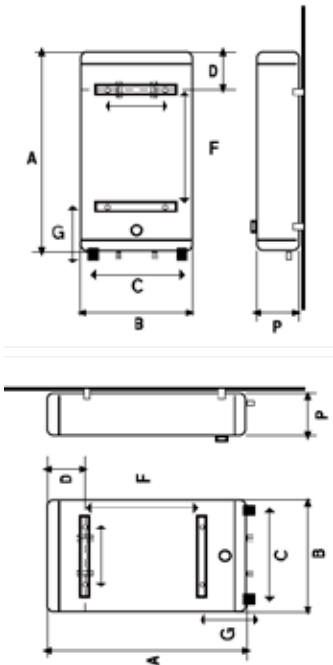
12/15



Models	A mm	B mm	P mm
Q12 SP	350	350	260
Q12 ST	350	350	260
Q15 SP	350	350	290
Q15 ST	350	350	290

Models	Thermal Dispersion 65° (Kwh/24h)	Power Watts*	Voltage Volts	Heating Time dt 50°C	Max Temperature C°	Max Pressure (bar)	Humidity Protection	Class Insul.	Profile	Energy Class
Q12 SP	0,38	1500	230	30'	65	8	IPX4	I	XXS	B
Q12 ST	0,38	1500	230	30'	65	8	IPX4	I	XXS	B
Q15 SP	0,42	1500	230	32'	65	8	IPX4	I	XXS	B
Q15 ST	0,42	1500	230	32'	65	8	IPX4	I	XXS	B

C 65



Horizontal and vertical installation



Models	A mm	B mm	C mm	D mm	E mm	F mm	G mm	P mm
C65	850	470	330	240	385	410	250	250

TWO TANKS AND TWO HEATING ELEMENTS

Models	Thermal Dispersion 65° (Kwh/24h)	Power Watts*	Voltage Volts	Heating Time dt 50°C	Max Temperature C°	Max Pressure (bar)	Humidity Protection	Class Insul.	Profile	Energy Class
C65	0,42	2x 800	230	80'	50	8	IPX4	I	M	C



+ Product Skills

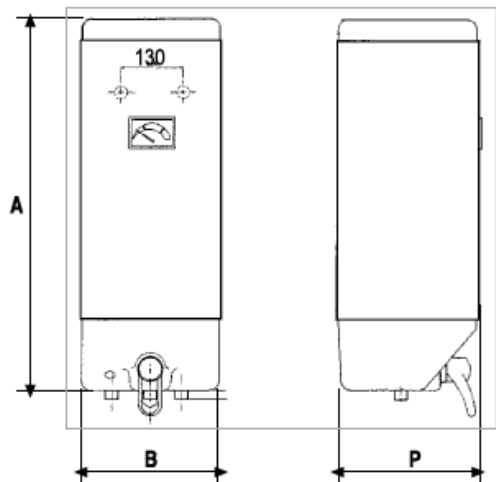
With two tanks, each one with its own element, it is possible to select using either one or both and halve the water heating time. See graphic of functions.

- 0 - Off
- 1 - Heating element on the left
- 2 - Element either side





B14



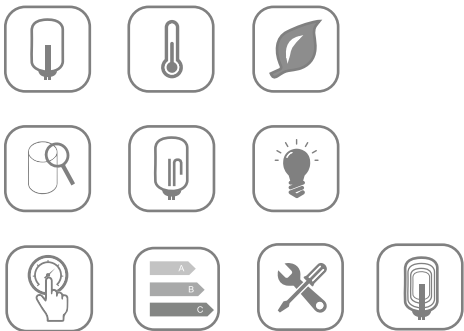
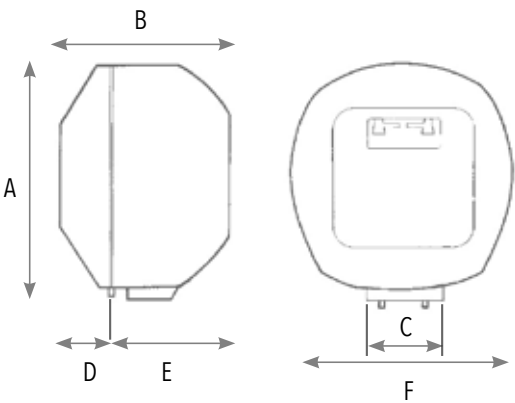
Models	A mm	B mm	P mm
B14	640	230	220



- Product Skills**
- Mixer valve controls to regulate the flow of water.
 - Kit as standard include flexible tube and shower head with holder.
 - Double outlets to facilitate multiple hot water outlets.

Models	Thermal Dispersion 65° (Kwh/24h)	Power Watts*	Voltage Volts	Heating Time dt 50°C	Max Temperature C°	Max Pressure (bar)	Humidity Protection	Class Insul.	Profile	Energy Class
B14	0,52	2000	230	26'	75	8	IPX4	I	XXS	B

B30



Models	A mm	B mm	C mm	D mm	E mm	F mm
B 30	535	325	100	120	205	460

Models	Thermal Dispersion 65° (Kwh/24h)	Power Watts*	Voltage Volts	Heating Time dt 50°C	Max Temperature C°	Max Pressure (bar)	Humidity Protection	Class Insul.	Profile	Energy Class
B 30	0,70	1500	230	75'	75	8	IPX4	I	S	C

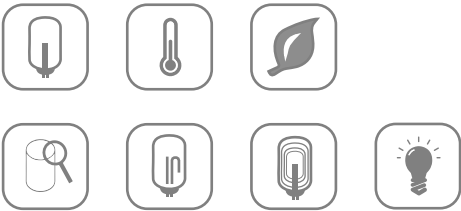
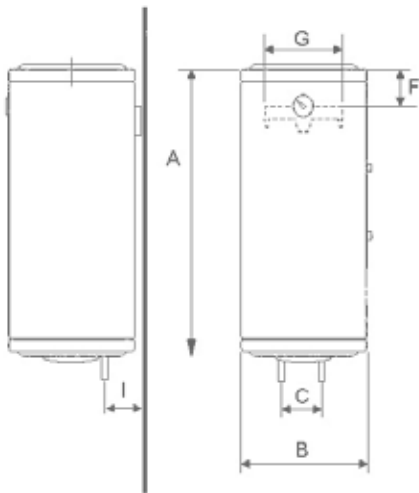




SLIM

Vertical

20/30/45/60/80



Models	A mm	B mm	C/E mm	F mm	G mm	I mm
SLIM 20	350	370	100	70	250	90
SLIM 30	450	370	100	70	250	90
SLIM 45	700	370	100	120	250	90
SLIM 60	850	370	100	120	250	90
SLIM 80	1030	370	100	120	250	90

+ Our objectif: SPACE SAVING

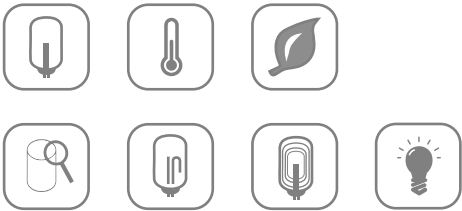
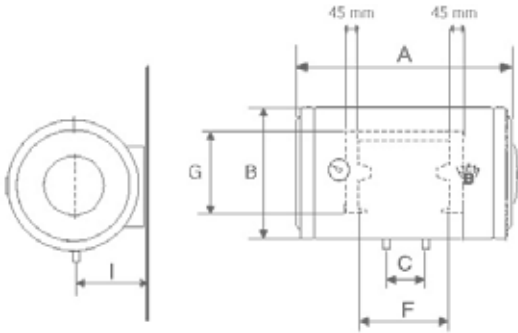
Our SLIM water heaters are our special answer to providing hot water where space is at a premium, with technology that always guarantees performances.

Models	Thermal Dispersion 65° (Kwh/24h)	Power Watts*	Voltage Volts	Heating Time dt 50°C	Max Temperature C°	Max Pressure (bar)	Humidity Protection	Class Insul.	Profile	Energy Class
SLIM 20	0,56	1200	230	64'	75	8	IPX4	I	S	C
SLIM 30	0,69	1200	230	75'	75	8	IPX4	I	S	C
SLIM 45	0,72	1200	230	110'	75	8	IPX4	I	M	C
SLIM 60	0,78	1200	230	150'	75	8	IPX4	I	M	C
SLIM 80	0,79	1200	230	250'	75	8	IPX4	I	M	C

SLIM

Horizontal

45/60/80



Models	A mm	B mm	C mm	F mm	G mm	I mm
SLIM 45	700	370	100	425	250	90
SLIM 60	850	370	100	575	250	90
SLIM 80	1030	370	100	725	250	90

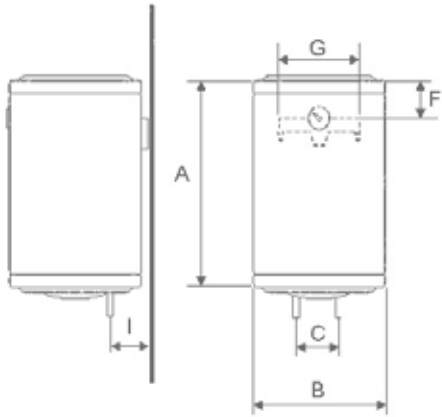
Models	Thermal Dispersion 65° (Kwh/24h)	Power Watts*	Voltage Volts	Heating Time dt 50°C	Max Temperature C°	Max Pressure (bar)	Humidity Protection	Class Insul.	Profile	Energy Class
SLIM 45	0,79	1500	230	120'	75	8	IPX4	I	M	C
SLIM 60	0,86	1500	230	170'	75	8	IPX4	I	M	C
SLIM 80	0,89	1500	230	260'	75	8	IPX4	I	M	C





SE

50/80/100/120/
150/200



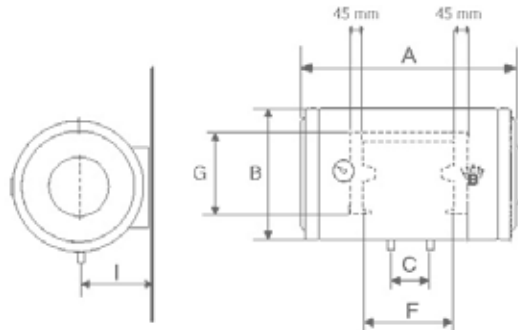
Available with
outer regulation
of temperature

Model	A mm	B mm	C mm	F mm	G mm	I mm
SE 50	510	460	100	130	350	130
SE 80	700	460	100	130	350	130
SE 100	805	460	100	130	350	130
SE 120	1000	460	100	130	350	130
SE 150	935	550	140	180	350	130
SE 200	1105	550	140	180	350	130

SO

50/80/100/120/
150/200

Available with right or left connections



Model	A mm	B mm	C mm	D mm	F mm	G mm	I mm
SO 50	510	460	100	155	125	350	240
SO 80	700	460	100	145	330	350	240
SO 100	805	460	100	145	435	350	240
SO 120	1000	460	100	210	510	350	240
SO 150	935	550	140	210	450	350	285
SO 200	1105	550	140	190	640	350	285



Model	Thermal Dispersion 65° (Kwh/24h)	Power Watts*	Voltage Volts	Heating Time dt 50°C	Max Temperature C°	Max Pressure (bar)	Humidity Protection	Class Insul.	Profile	Energy Class
SE 50	0,98	1200	230	170'	75	8	IPX4	I	M	C
SE 80	1,32	1200	230	260'	75	8	IPX4	I	M	C
SE 100	1,51	1500	230	245'	75	8	IPX4	I	M	C
SE 120	1,84	1500	230	315'	75	8	IPX4	I	L	C
SE 150	2,09	2000	230	416'	75	8	IPX4	I	XL	C
SE 200	2,41	2000	230	499'	75	8	IPX4	I	XL	C

*Power of the heating element is optional for the customers; they can use 1200-1500-2000 Watts.

Model	Thermal Dispersion 65° (Kwh/24h)	Power Watts*	Voltage Volts	Heating Time dt 50°C	Max Temperature C°	Max Pressure (bar)	Humidity Protection	Class Insul.	Profile	Energy Class
SO 50	1,11	1500	230	170°	75	8	IPX4	I	M	C
SO 80	1,61	1500	230	260°	75	8	IPX4	I	M	C
SO 100	1,66	1500	230	245°	75	8	IPX4	I	M	C
SO 120	2,02	1500	230	315°	75	8	IPX4	I	L	C
SO 150	2,29	2000	230	416°	75	8	IPX4	I	XL	C
SO 200	2,55	2000	230	499°	75	8	IPX4	I	XL	C

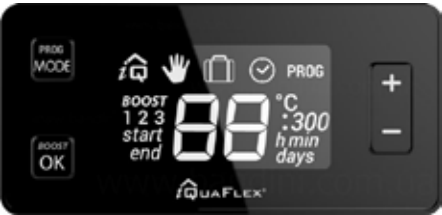
*Power of the heating element is optional for the customers; they can use 1200-1500-2000 Watts.

Smart

SERIES

The Smart thermostat, thanks to new technologies, calculates daily requirements of warm water analyzing the consumptions and plans the water heating to reduce the losses of heat and optimize the availability of warm water.

+ DOUBLE INSULATION



VACATION MODE:
for long periods of absence from home, select Vacation Mode

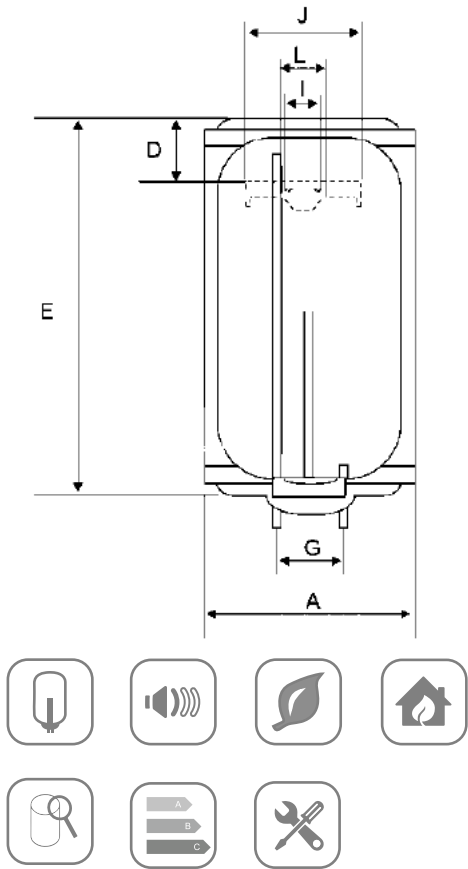
MANUAL MODE:
Water temperature is kept constant. You can set the temperature with the touch-panel.

SMART MODE:
You can choose between 4 different levels of Comfort

CO₂

SMART

60/80/100



- + Easy to use
- + Memorise of water consumptions
- + Calculation of daily requirements based on the consumptions
- + Checking of the water heating phases to reduce the losses of heat and optimize the availability of warm water
- + Double insulation

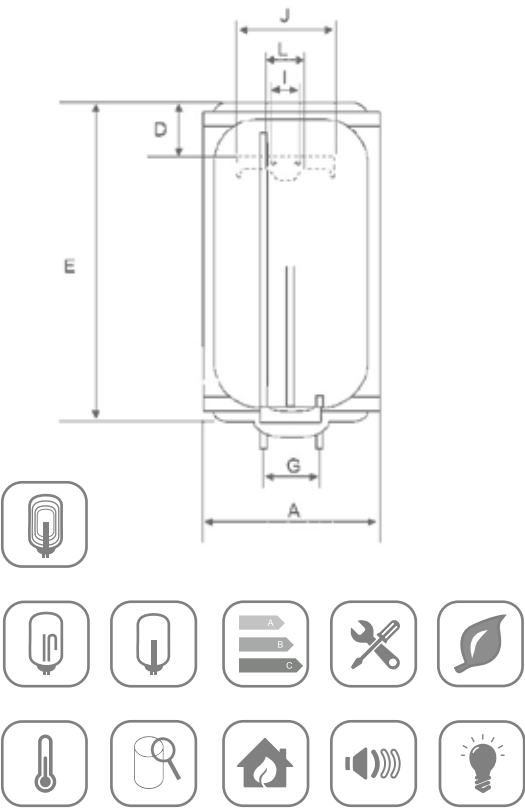
Models	A mm	D mm	E mm	G mm	I mm	J mm	L mm
SMART 60	460	170	600	100	70	350	150
SMART 80	460	180	760	100	70	350	150
SMART 100	460	200	960	100	70	350	150

Models	Thermal Dispersion 65° (Kwh/24h)	Power Watts*	Voltage Volts	Heating Time dt 50°C	Max Temperature C°	Max Pressure (bar)	Humidity Protection	Class Insul.	Profile	Energy Class
SMART 60	0,79	1200	230	170'	65	8	IPX4	I	M	B
SMART 80	0,97	1200	230	260'	65	8	IPX4	I	M	B
SMART 100	1,18	1500	230	245'	65	8	IPX4	I	M	C



ECO

60/80/100



Models	A mm	D mm	E mm	G mm	I mm	J mm	L mm
ECO 60	460	170	600	100	70	350	150
ECO 80	460	180	760	100	70	350	150
ECO 100	460	200	960	00	70	350	150

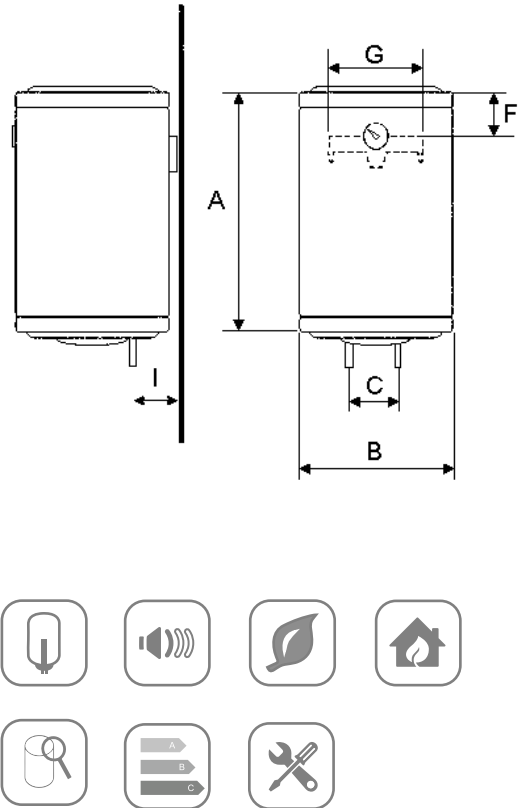
- + TOTAL PROTECTION AGAINST ELECTRO-MAGNETIC CORROSION USING MAGNESIUM ANODE
- + TOTAL PROTECTION AGAINST RUSH
- + ABSENCE OF CHLOROFLUOROCARBONE ECOLOGICAL POLYURETHANE FOAM FOR THERMAL INSULATION
- + OUTER CASING FITTED WITH THERMAL RESISTANCE

Models	Thermal Dispersion 65° (Kwh/24h)	Power Watts*	Voltage Volts	Heating Time dt 50°C	Max Temperature C°	Max Pressure (bar)	Humidity Protection	Class Insul.	Profile	Energy Class
ECO 60	0,79	1200	230	170°	75	8	IPX4	I	M	C
ECO 80	0,97	1200	230	260°	75	8	IPX4	I	M	C
ECO 100	1,18	1500	230	245°	75	8	IPX4	I	M	C

ECO XL

COMPACT DIMENSION

50/80



Models	A mm	B mm	C mm	F mm	G mm
ECO XL 50	510	500	100	170	350
ECO XL 80	640	500	100	170	350

- + TOTAL PROTECTION AGAINST ELECTRO-MAGNETIC CORROSION USING MAGNESIUM ANODE
- + TOTAL PROTECTION AGAINST RUSH
- + ABSENCE OF CHLOROFLUOROCARBONE ECOLOGICAL POLYURETHANE FOAM FOR THERMAL INSULATION
- + OUTER CASING FITTED WITH THERMAL RESISTANCE

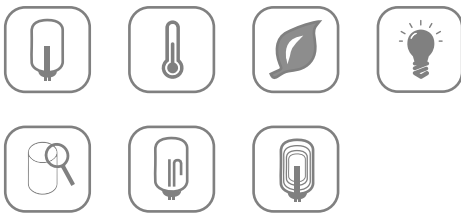
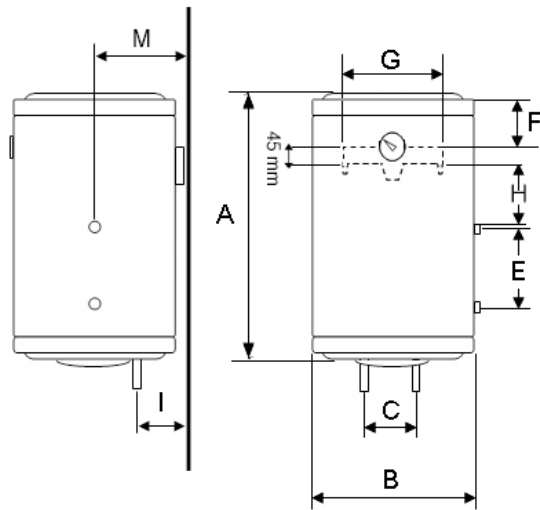
Models	Thermal Dispersion 65° (Kwh/24h)	Power Watts*	Voltage Volts	Heating Time dt 50°C	Max Temperature C°	Max Pressure (bar)	Humidity Protection	Class Insul.	Profile	Energy Class
ECO XL 50	0,79	1200	230	170'	75	8	IPX4	I	M	C
ECO XL 80	0,97	1200	230	260'	75	8	IPX4	I	M	C





ST/STU

50-80-100-120-150-200

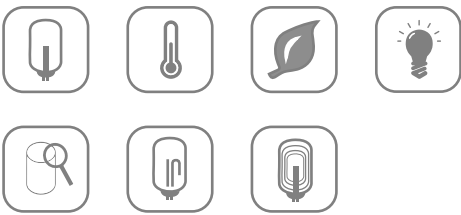
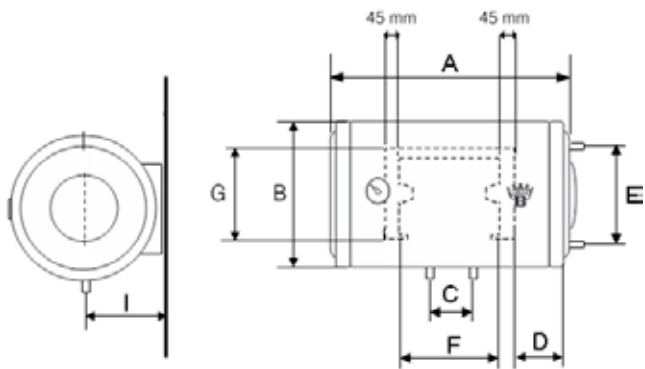


Models	A mm	B mm	C mm	E mm	F mm	G mm	H mm	I mm	M mm	S mq
ST 50	510	460	100	175	130	350	20	130	240	0,197
ST 80	700	460	100	265	130	350	40	130	240	0,258
ST 100	805	460	100	265	160	350	180	130	240	0,258
ST 120	1000	460	100	265	170	350	340	130	240	0,258
ST 150	935	550	140	350	180	350	140	130	285	0,296
ST 200	1105	550	140	350	180	350	280	130	285	0,296
STU 80	700	460	100	265	130	350	40	130	240	0,258
STU 100	805	460	100	265	160	350	180	130	240	0,258

Models	Thermal Dispersion 65° (Kwh/24h)	Power Watts*	Voltage Volts	Heating Time dt 50°C	Max Temperature C°	Max Pressure (bar)	Humidity Protection	Class Insul.	Profile	Energy Class
ST 50	0,99	1200	230	170'	75	8	IPX4	I	M	C
ST 80	1,32	1200	230	260'	75	8	IPX4	I	M	C
ST 100	1,51	1500	230	245'	75	8	IPX4	I	M	C
ST 120	1,84	1500	230	315'	75	8	IPX4	I	L	C
ST 150	2,09	2000	230	416'	75	8	IPX4	I	XL	C
ST 200	2,42	2000	230	500'	75	8	IPX4	I	XL	C
STU 80	1,32	1200	230	260'	75	8	IPX4	I	M	C
STU 100	1,51	1500	230	245'	75	8	IPX4	I	M	C

SO/T

80-100-120-150-200



Models	A mm	B mm	C mm	D mm	E mm	F mm	G mm	I mm	S mq
SO/T80	700	460	100	145	260	330	350	240	0,258
SO/T100	805	460	100	145	280	435	350	240	0,258
SO/T120	1000	460	100	210	280	510	350	240	0,258
SO/T150	935	550	140	207	365	450	350	285	0,296
SO/T200	1105	550	140	187	365	640	350	285	0,296

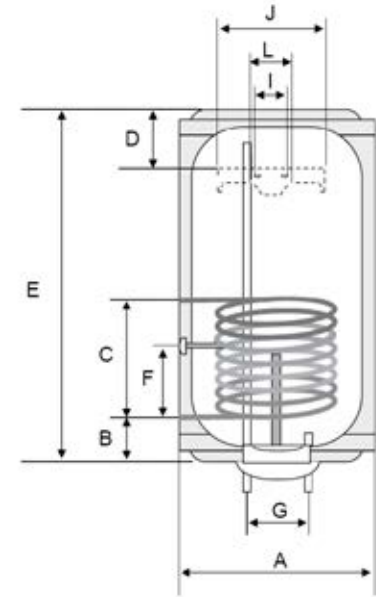
Models	Thermal Dispersion 65° (Kwh/24h)	Power Watts*	Voltage Volts	Heating Time dt 50°C	Max Temperature C°	Max Pressure (bar)	Humidity Protection	Class Insul.	Profile	Energy Class
SO/T80	1,32	1500	230	260'	75	8	IPX4	I	M	C
SO/T100	1,51	1500	230	245'	75	8	IPX4	I	M	C
SO/T120	1,84	1500	230	315'	75	8	IPX4	I	L	C
SO/T150	2,09	2000	230	416'	75	8	IPX4	I	XL	C
SO/T200	2,42	2000	230	500'	75	8	IPX4	I	XL	C





STX

80-100-120-150-200

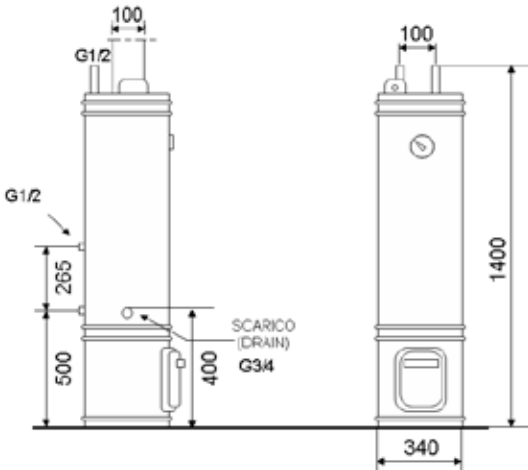


Models	A mm	B mm	C mm	D mm	E mm	F mm	G mm	I mm	J mm	S mq
STX 80	460	185	265	130	700	135	100	70	350	0,459
STX 100	460	185	350	160	805	215	100	70	350	0,714
STX 120	460	185	350	170	1000	215	100	70	350	0,714
STX 150	550	247	350	180	935	130	140	70	350	0,951
STX 200	550	247	350	180	1105	130	140	70	350	0,951

- + ELLIPTICAL COIL
- + SENSOR CONNECTION
- + HIGH EFFICIENCY
- + HEAT EXCHANGER

SL/SX/SZ

80



- + SL=Wood water heater
- + SX= Wood water heater fitted with electric heating element and thermostat for connection to power supply.
- + SZ=Wood water heater fitted with electric heating element and thermostat for connection to power supply and heat exchanger coil for connection to the cen-tral heating system.



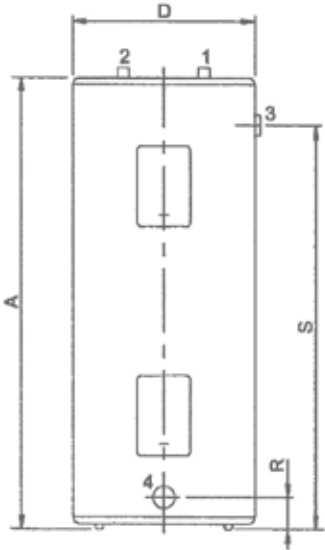
Models	Thermal Dispersion 65° (Kwh/24h)	Power Watts*	Voltage Volts	Heating Time dt 50°C	Max Temperature C°	Max Pressure (bar)	Humidity Protection	Class Insul.	Profile	Energy Class
STX 80	1,32	1200	230	260'	75	8	IPX4	I	M	C
STX 100	1,51	1500	230	245'	75	8	IPX4	I	M	C
STX 120	1,84	1500	230	315'	75	8	IPX4	I	L	C
STX 150	2,09	2000	230	416'	75	8	IPX4	I	XL	C
STX 200	2,42	2000	230	500'	75	8	IPX4	I	XL	D

Models	Power of heat exchanger Kw eff ΔT 35°C	Power Watts*	Voltage Volts	Surface of heat exchanger SQM	Max Temperature C°	Max Pressure (bar)	Humidity Protection	Class Insul.
SL 80	8,1	1200	230	0,26	75	8	IPX4	I
SX 80					75	8	IPX4	I
SZ 80					75	8	IPX4	I



SEP

120/150/200/300

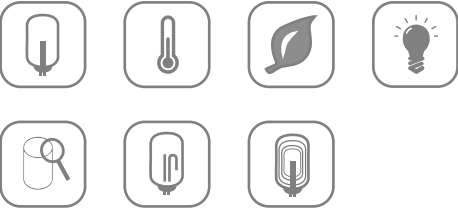
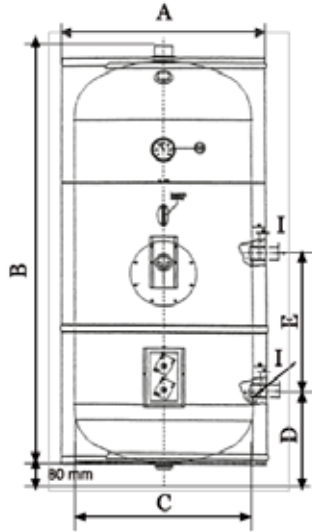


Models	A mm	D mm	R mm
SEP 120	740	550	200
SEP 150	930	550	200
SEP 200	1100	550	200
SEP 300	1750	550	200

Models	Thermal Dispersion 65° (Kwh/24h)	Power Watts*	Voltage Volts	Heating Time dt 50°C	Max Temperature C°	Max Pressure (bar)	Humidity Protection	Class Insul.	Profile	Energy Class
SEP 120	12,92	2000	230	80'	65	8	IPX4	I	L	C
SEP 150	12,92	2000	230	90'	65	8	IPX4	I	XL	C
SEP 200	12,92	2000	230	100'	65	8	IPX4	I	XL	C
SEP 300	17,23	3000	230	190'	65	8	IPX4	I	XL	C

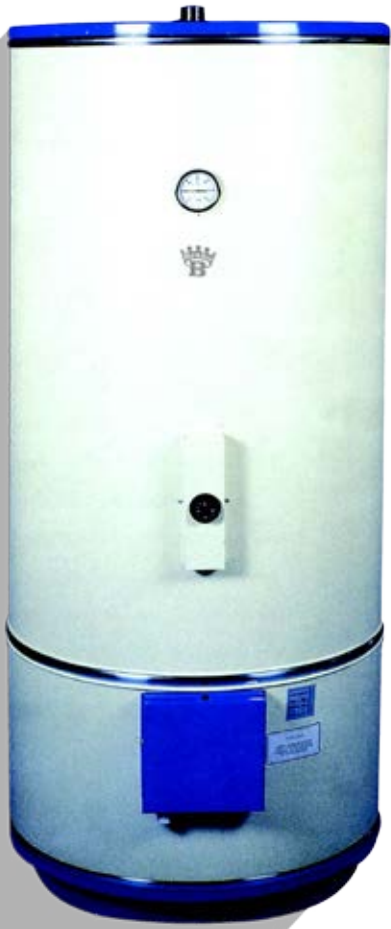
EP

400/500/600/800/1000



Models	A mm	B mm	C mm	D mm	E mm	I mm
EP 400	750	1580	650	360	470	1 ¼
EP 500	750	1780	650	360	600	1 ¼
EP 600	800	1900	700	360	600	1 ¼
EP 800	1000	1870	900	370	600	1 ¼
EP 1000	1000	2150	900	370	600	1 ¼

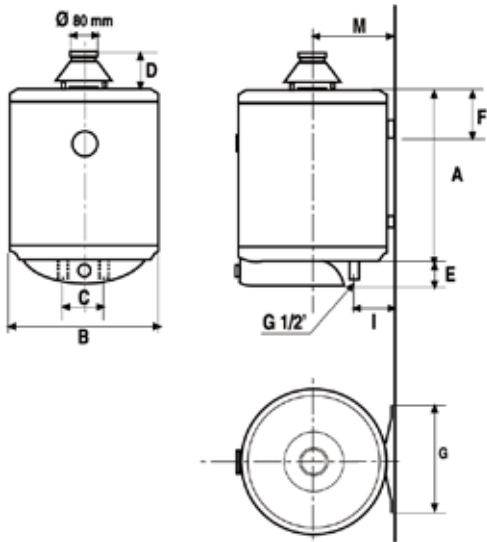
Models	Thermal Dispersion 65° (Kwh/24h)	Power Watts*	Voltage Volts	Heating Time dt 50°C	Hot water Production (l/h)	Max Pressure (bar)	Cons. Kw/annum	Class Insul.	Profile	Energy Class
EP 400	22,98	4000	380	215'	139	6	8389	I	L	D
EP 500	28,72	5000	380	215'	167	6	10486	I	L	D
EP 600	34,92	6000	380	215'	223	6	12584	I	L	D
EP 800	46,46	8000	380	215'	80	6	16958	I	L	D
EP 1000	57,66	10000	380	215'	280	6	21047	I	L	D





GAVP

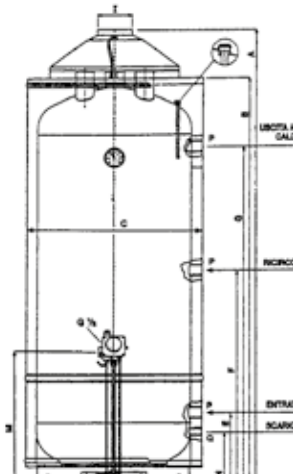
80/100/120



Models	A mm	B mm	C mm	D mm	E mm	F mm	G mm	I mm	M mm
GAVP 80	706	480	100	120	75	150	360	80	243
GAVP 100	795	480	100	120	75	150	360	80	243
GAVP 120	975	480	100	120	75	150	360	80	243

GIVP

150/200/300/400/500/800/1000



Models	A mm	B mm	C mm	D mm	E mm	G mm	I mm	L mm	M mm	N mm	P mm	U mm
GIVP 150	1500	1200	540	480	360	1230	100	100	400	3/4	3/4	1/2
GIVP 200	1500	1400	540	480	360	1430	100	100	400	3/4	3/4	1/2
GIVP 300	1735	1535	700	600	390	1230	140	100	630	1 1/4	1 1/4	3/4
GIVP 400	1730	1540	750	650	400	1290	140	100	630	1 1/4	1 1/4	3/4
GIVP 500	2000	1790	750	650	400	1530	140	100	630	1 1/4	1 1/4	3/4
GIVP 800	2000	1800	990	900	460	1440	160	120	710	1 1/4	1 1/4	3/4
GIVP 1000	2200	2020	990	900	460	1680	160	120	720	1 1/4	1 1/4	3/4



COMBUSTION RATE

Technical Characteristic

Type B11 bs **II2H3+** Maximum Water Pressure 6 bar

TYPE GAS BURNER (mmx100)

Models	Methane G20 m³/h	Butane G30 g/h	Propane G31 g/h	G20 pn20 mbar		G30-31 pn 28-30/37mba		Nominal Flow	Usable Flow	Profile	Energy Class
				Main Burner	Main Burner	Main Burner	Pilot				
GAVP 80	0,58	425	422	2	0,4	1,15	0,21	5,3	4,8	S	C
GAVP 100	0,58	425	422	2	0,4	1,15	0,21	5,3	4,8	S	C
GAVP 120	0,58	425	422	2	0,4	1,15	0,21	5,6	5,0	L	C

Technical Characteristic

Type B11 bs **II2H3+** Maximum Water Pressure 6 bar

TYPE GAS BURNER (mmx100)

Models	Technical Flow Value kW	Nominal Usable kW	G20 pn20 mbar		G30-31 pn 28-30/37mba		Profile	Energy Class
			Burner Size	Pilot Limit	Burner Size	Pilot Limits		
GIVP 150	10	8,2	2,4	2x0,27	1,6	0,22	M	B
GIVP 200	10	8,2	2,4	2x0,27	1,6	0,22	M	B
GIVP 300	17,4	14,6	3,45	2x0,27	2	0,22	L	B
GIVP 400	23,7	19,9	4,10	2x0,27	2,4	0,22	XL	B
GIVP 500	23,7	19,9	4,10	2x0,27	2,4	0,22	XL	B
GIVP 800	37,0	32,5	4,20	2x0,27	1,83x3	0,22	XXL	B
GIVP 1000	37,0	32,5	4,20	2x0,27	1,83x3	0,22	XXL	B



PM-TB

135/145/155

electric flow water heater,
hydraulically operated with pressure mode

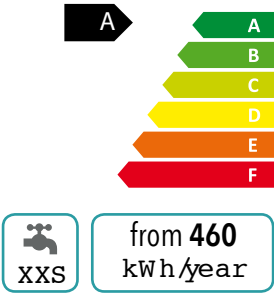
Braün PM-TB design and parameters were developed from the Braün PM-B model series.
Thanks to a reinforced joint and electronic control unit, the heater can also be installed in a water supply system to your custom faucet by the use of plumbing couplings (fittings). With its design and dimensions, it is intended to be installed only to a single location.
Simple installation of the heater under the sink or basin can be done by screwing the bracket to a wall, which is by default fitted on the rear cover of the product. Protection unit using a thermal fuse significantly extends the life of the heating coil.

- Installed to pressure-free and commonly available water faucets
- 6 bar pressure mode with switching from 0.1 MPa
- Hydraulic switching of microswitch
- Wiring of 230V at 3.5 kW directly to the socket
- Immediate and continuous water heating up to 43 °C
- One performance level of the heating coil
- Electrical protection against overheating of the coil



Illustration Braün PM-TB:
Pressure connection of the heater to a common water faucet.

Models	Power Input	Current	Voltage Phase	Water press min.	Water press max.	Protection
PM-TB 135	3,5 kw	16 A	230 V	0,09 MPa	0,6 MPa	IP 24
PM-TB 145	4,5 kw	20 A	230 V	0,12 MPa	0,6 MPa	IP 24
PM-TB 155	5,5 kw	25 A	230 V	0,15 MPa	0,6 MPa	IP 24



MK-1

135/145/155

electric flow water heater,
electronically operated with pressure operation

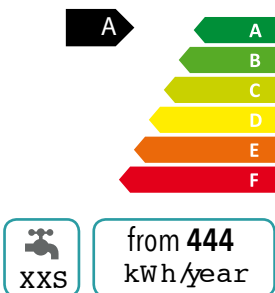
In addition to over / under sink or kitchen washbasin installation, Braün MK-1 can be placed directly into the shower cubicle or to the outside on the terrace. The electronic control unit allows installation in water supply systems containing home booster sets with frequent aeration and repeated discharging of water supply system.
The heater can be connected to your own custom faucets through plumbing couplings (fittings). Electronic system records declines in power supply and triggers a flashing light to alert the user of a decline in heating performance. The control unit with two thermal fuses significantly extends the life of the heating coil.

- Installed to pressure-free and commonly available water faucets
- 6 bar pressure mode with switching from 0.1 MPa
- Electronic switching with a control unit
- Wiring of 230V at 3.5 kW directly to the socket
- Immediate and continuous water heating up to 43 °C
- One performance level of the heating coil
- Electrical protection against overheating of the coil



Illustration Braün MK-1
Heater can be installed to pressure-free* as well as a normal water faucet**.

Models	Power Input	Current	Voltage Phase	Water press min.	Water press max.	Protection
MK-1 135	3,5 kw	16 A	230 V	0,04 MPa	0,6 MPa	IP 45
MK-1 145	4,5 kw	20 A	230 V	0,05 MPa	0,6 MPa	IP 45
MK-1 155	5,5 kw	25 A	230 V	0,06 MPa	0,6 MPa	IP 45



MK-2

207/209/211

electric flow water heater,
electronically operated with
pressure operation

Braün MK-2 heats up more water thanks to its high performance twinheating coils. When connected to a shower or sink faucet, it provides for a full comfort even with an increased flow of hot water. The heater can be installed in a water supply system for multiple faucets.

The recommended distances of the heater from its connections (for heat losses in the water supply system) should not exceed 5 m. Its use in practice has been verified in small residential cores, cotta-ges or business plants, wherever it was required to address the issue of a decentralized water heating by a comfortable fl ow heater.

- Installed to pressure-free and commonly available water faucets
- 6 bar pressure mode with switching from 0.1 MPa
- Electronic switching with a control unit
- Wiring of 2x230V Double Power Heating
- Immediate and continuous water heating up to 43 °C
- One performance level of the heating coil
- Electrical two stage protection against overheating of the coil

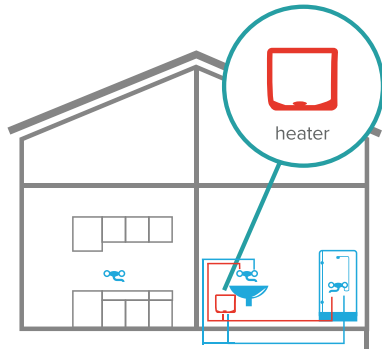
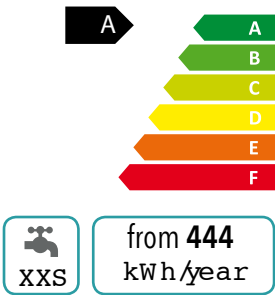


Illustration Braün MK-2:
Heater installation in water supplysystem.

Models	Power Input	Current	Voltage Phase	Water press min.	Water press max.	Protection
MK-2 207	7 kw	2x16 A	2x230 V	0,08 MPa	0,6 MPa	IP 45
MK-2 209	9 kw	2x20 A	2x230 V	0,1 MPa	0,6 MPa	IP 45
MK-2 211	11 kw	2x25 A	2x230 V	0,12MPa	0,6 MPa	IP 45



PM-TB MK-1 MK-2

TABLE OF TECHNICAL DATA

	PM-TB 135	PM-TB 145	PM-TB 155	MK-1 135	MK-1 145	MK-1 155	MK-2 207	MK-2 209	MK-2 211
Power input:	3,5 kW	3,5 kW	3,5 kW	3,5 kW	4,5 kW	5,5 kW	2x3,5 kW	2x4,5 kW	2x5,5 kW
Voltage / phases:	1x230 V	1x230 V	1x230 V	1x230 V	1x230 V	1x230 V	2x230 V	2x230 V	2x230 V
Current:	16 A	16 A	16 A	16 A	20 A	25 A	2x16 A	2x20 A	2x25 A
Protection class:	IP 24	IP 24	IP 24	IP 45	IP 45	IP 45	IP 45	IP 45	IP 45
Required cable size:	3C 1,5mm²	3C 1,5mm²	3C 1,5mm²	3C 1,5mm²	3C 2,5mm²	3C 2,5mm²	4C 2,5mm²	4C 2,5mm²	4C 2,5mm²
Cable length:	100 cm	100 cm	100 cm	105 cm	100 cm	100 cm	100 cm	100 cm	100 cm
Cable with conn. Flexo:	NO	YES	NO	YES	NO	NO	NO	NO	NO
Water connec. threads:	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Spacing of conn. thr eads:	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm
Thermal fuse protection:	NO	NO	NO	57°C	57°C	57°C	57°C	57°C	57°C
Thermal fuse Service:	72°C	72°C	72°C	70°C	70°C	70°C	70°C	70°C	70°C
Max. water static press .:	0,6 MPa	0,6 MPa	0,6 MPa	0,6 MPa	0,6 MPa	0,6 MPa	0,6 MPa	0,6 MPa	0,6 MPa
Min. w. working press.:	0,09 MPa	0,12 MPa	0,15 MPa	0,04 MPa	0,05 MPa	0,06 MPa	0,08 MPa	0,1 MPa	0,12 MPa
Hot w. fl ow at 35 oC: *1	2,0 l/min	2,6 l/min	3,2 l/min	2,1 l/min	2,7 l/min	3,3 l/min	4,2 l/min	5,4 l/min	6,6 l/min
Hot w. fl ow at 55 oC: *1	1,2 l/min	1,5 l/min	1,8 l/min	1,3 l/min	1,6 l/min	1,9 l/min	2,6 l/min	3,2 l/min	3,8 l/min
Dimensions (h, w, d) cm:	22x13x8,5	22x13x8,5	22x13x8,5	20x21x8,5	20x21x8,5	20x21x8,5	20x21x8,5	20x21x8,5	20x21x8,5
Weight:	850 g	850 g	1600 g	1600 g	1610 g	1610 g	1700 g	1700 g	1700 g
Switching type:	hydraulic	hydraulic	hydraulic	elektronic	elektronic	elektronic	elektronic	elektronic	elektronic
Switch power rating:	NO	NO	NO	NO	NO	NO	NO	NO	NO
Air fuse protection:	NO	NO	NO	YES	YES	YES	YES	YES	YES
Basin - suitability for use:	✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓
Sink - suitability for use:	✓✓	✓✓✓	✓✓✓✓	✓✓	✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓
Shower suitability for use:	X	✓	✓✓✓	X	✓	✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓
Bath suitability for use:	X	X	X	X	X	X	X	✓	✓✓

Note:

* - water fl ow measurment at inlet water temperature 12 oC

- ✓✓✓✓ - heating without problems
- ✓✓✓ - heating without problems in summer
- ✓✓ - emergency heating
- ✓ - emergency heating in summer
- X - insufficient



DHE

DRY HEATING ELEMENTS

THE BEST SOLUTION FOR HIGLY MINERALISED, DESALINATED OR HARD WATERS.

- PROTECTION OF THE HEATING ELEMENTS
- LARGER HEAT EXCHANGE SURFACE
- LONGER LIFE OF THE HEATING ELEMENT
- BETTER PERFORMANCE
- ENERGY SAVING

THE DRY HEATING ELEMENT

- ° 2 TUBULAR INOX STEEL AISI 321
- ° ENCASED IN GLASS ENAMELLED STEEL SLEEVE.

HEATING ELEMENT IS NOT IN CONTACT WITH THE WATER.

- ErP - 2017
- Vertical Installation

ANTI-CALC SOLUTION

AVAILABLE ON MODELS

SLIM 60
SE 80/100/120/150/200

Models	Range of power Kw	Voltage Volts	Heating Time dt 50°C	Profile	Energy Class	Max Temp.	Rated Pressure	Humidity Protection	Class Insulation
DHE-SLIM 60	1800	230	80'	M	C	70°	8 bar	IPX4	I
DHE-SE 80	1800	230	108'	M	C	70°	8 bar	IPX4	I
DHE-SE 100	1800	230	135'	M	C	70°	8 bar	IPX4	I
DHE-SE 120	1800	230	162'	L	C	70°	8 bar	IPX4	I
DHE-SE 150	3000	230	125'	XL	C	70°	8 bar	IPX4	I
DHE-SE 200	3000	230	165'	XL	C	70°	8 bar	IPX4	I

STE

DRY HEATING ELEMENTS

THE BEST SOLUTION FOR HIGLY MINERALISED, DESALINATED OR HARD WATERS.

- PROTECTION OF THE HEATING ELEMENTS
- LARGER HEAT EXCHANGE SURFACE
- LONGER LIFE OF THE HEATING ELEMENT
- BETTER PERFORMANCE
- ENERGY SAVING

THE CERAMIC HEATING ELEMENT

- ° 1 CERAMIC HEATING ELEMENT
 - ° ENCASED IN GLASS ENAMELLED STEEL SLEEVE.
 - + LOW NOISE DURING THE HEATING PHASE.
 - HEATING ELEMENT IS NOT IN CONTACT WITH THE WATER.
 - + ONLY ENAMELLED STEEL IN CONTACT WITH THE SANITARY WATER.
- LOWER RISK OF CORROSION.

- ErP - 2017
- Vertical Installation

ANTI-CALC SOLUTION

AVAILABLE ON MODELS

SE 100/120/150/200

Models	Range of power Kw	Voltage Volts	Heating Time dt 50°C	Profile	Energy Class	Max Temp.	Rated Pressure	Humidity Protection	Class Insulation
STE-SE 100	1800	230	135'	M	C	70°	8 bar	IPX4	I
STE-SE 120	1800	230	162'	L	C	70°	8 bar	IPX4	I
STE-SE 150	2400	230	175'	XL	C	70°	8 bar	IPX4	I
STE-SE 200	2400	230	225'	XL	C	70°	8 bar	IPX4	I

Packaging



Q-B-C		mm
A-5		290x400x260
Q-12		397x392x296
Q-15		420X310X300
B-30		110X255X260
B-14		710x255x260
C-65		890X520X335

SE-SO-ST-STU-STX-SO/T/SEP		mm
50 LT		590x480x500
80 LT		780x480x500
100 LT		900x480x500
120 LT		1100x480x500
150 LT		1060x575x575
200 LT		1260x575x575

EP		mm
400LT		1820x810x810
500 LT		2070x810x810
600 LT		2080x870x870
800 LT		1100x1100x2000
1000 LT		2000x1100x1100

ECO - SMART - ECOxl		mm
60 LT		695x470x490
80 LT		855x470x490
100 LT		1055x470x490

SLIM		mm
20 LT		410X410X460
30 LT		410X410X550
SLIM 45 V/H		410X410X780
SLIM 60 V/H		410X410X970
WOOD		mm
(SL-SX-SZ)		380x380x1450

GAVP		mm
80 LT		510x480x970
100 LT		510x480x1110
120 LT		510x480x1260

GIVP		mm
150 LT		570x570x1370
200 LT		570x570x1570
300 LT		765x765x1820
400 LT		810x810x1890
500 LT		810x810x2120
800 LT		1110x1110x1980
1000 LT		1110x1110x2210



www.bandiniwaterheaters.com



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The Company reserves the right to improve its products without notice.



Bandini
WATER HEATERS

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