

# Saudi Ceramics

- 30 SQUARE TYPE
- WALL MOUNTED VERTICAL
- WALL MOUNTED HORIZONTAL
- SLIM TYPE
- CENTRAL FLOOR STANDING



**ELECTRIC  
WATER HEATERS**

**100 % QUALITY CHECKED**



## شركة الخزف السعودية Saudi Ceramic Company

SCC PRODUCTS ARE DISTRIBUTED IN MORE THAN 45 COUNTRIES AROUND THE WORLD

**ASIA:**

AFGHANISTAN  
AZERBAIJAN  
BAHRAIN  
BRUNEI  
CYPRUS  
GEORGIA  
IRAQ  
JORDAN  
KUWAIT  
LEBANON  
QATAR  
OMAN  
PAKISTAN  
SAUDI ARABIA  
SINGAPORE  
SRI LANKA  
SYRIA  
UAE  
YEMEN

**AFRICA:**

ALGERIA  
BOTSWANA  
CANARY ISLANDS  
EGYPT  
ETHIOPIA  
GAMBIA  
GHANA  
KENYA  
LIBYA  
MADAGASCAR  
MOROCCO  
NIGERIA  
REUNION  
SENEGAL  
SUDAN

**EUROPE:**

ALBANIA  
BOSNIA  
CROATIA  
CZECH REPUBLIC  
DENMARK  
ESTONIA  
GERMANY  
HUNGARY  
ITALY  
KOSOVO  
LATVIA  
LITHUANIA  
MALTA  
MONTENEGRO  
PORTUGAL  
RUSSIA  
SERBIA  
SLOVAKIA  
SPAIN  
UKRAINE

**AMERICA:**

FRENCH GUYANA  
GUADELOUPE  
MARTINIQUE



# SAUDI CERAMIC COMPANY

## RELIABILITY • GUARANTEED QUALITY • VALUE

3

Saudi Ceramic Company was founded in 1977. It is a leading manufacturer of ceramic tiles, sanitary ware and electrical water heaters in the Middle East.

Headquartered in Riyadh, the company has achieved a reputation for high standards and quality production. SCC today encompasses six factories: 1 Sanitary Ware factory, 2 Tile Factories, 2 Electrical Water Heaters factories and 1 Frit plant, located in the Industrial City of Riyadh, covering an area of 600.000 square meters with 2.500 employees.

With a presence of more than 30 years in the local market, SCC is considered one of the most well-established local brands.

The company has also been exporting extensively to foreign markets and its products are now available in various Asian, African, European and American countries.



Saudi Ceramics  
is an ISO 9001-2000  
accredited Company.

# SCC WATER HEATERS

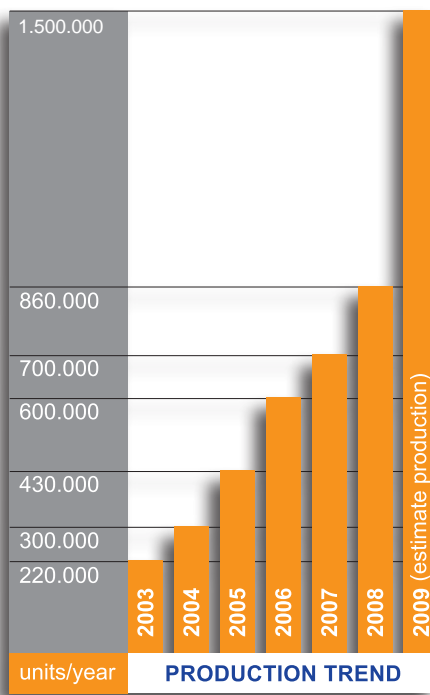
## MEETING THE GROWING GLOBAL DEMAND FOR QUALITY AND VALUE



The Saudi Ceramics Electrical Water Heaters factory started production in 1997 with a production of around 150.000 units per annum. It has been the first in the region to produce glasslined water heaters. Since then the company, has a steady commitment to provide high quality products and customer satisfaction, became a leader in the water heaters market concretising its growth with the opening of a new factory, that allows a production capability up to 1,5 million/water heaters annually.

THE REASONS OF THIS SUCCESS  
are due to the following:

- 3 Constant technical research in order to achieve the highest possible standards.
- 3 Emphasis on customer satisfaction and after-sale service.
- 3 100% Quality-tested at every step of the manufacturing process.



SCC obtained many local and International Quality Accreditation Certificates.

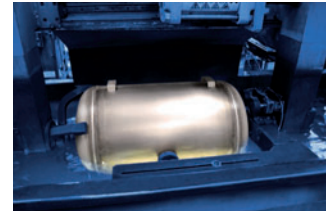
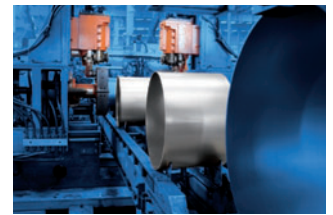
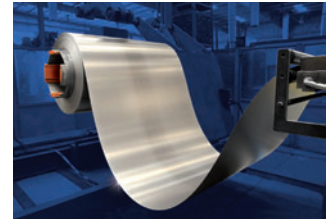


سخان الخزف السعودي  
Saudi Ceramics Water Heater



# HIGH QUALITY 100% QUALITY CHECKED

Quality is the prime focus at SCC and is never compromised. SCC utilizes only the best raw materials, the most technologically advanced machinery which is in turn operated by skilled technicians. The manufacturing process is monitored at every stage in order to guarantee that every unit produced conforms to SCC's high standards. Every detail is handled professionally up to the final packaging and distribution of the products.



## CONTROLS IN PROGRESS

### 1 RAW MATERIALS

Thorough check on special steel mechanical features, utilized for inner tank and outer shell construction and thickness uniformity check.

100% mechanical and dimensional check

### 2 TANK AND SHELL SHAPING

The steel is pressed and formed to obtain the inner and outer shape of the water heater.

100% selective check

### 3 WELDING PROCESS

The high quality in the welding process is a primary point to obtain a long-life water heater. The SCC manufacturing process adopts the most advanced techniques in welding.

100% quality process check

### 4 LEAKAGE TEST

Each electric water heater is individually tested three times during the manufacturing process out of which one test is performed under a pressure of 10 bars.

100% leakage check

### 5 ENAMELING PROCESS

The inner surface of the tank is protected by a special glasslining treatment, fired at 810°C. This porcelain layer ensures high resistance to rust and corrosion and guarantees hygienic water.

100% enameling quality check

### 6 FINISHING OUTER SHELL

The outer shell is coated with epoxy polyester powders and fired at 200°C to guarantee a better finish and lasting stability.

100% paint thickness and adherence check

### 7 ELECTRICAL COMPONENTS

The efficiency of each heating element and thermostat is checked properly before the final assembly.

100% efficiency check



# A PERFECT COMBINATION OF WINNING POINTS.

## Q

### QUALITY AND LONG-LASTING



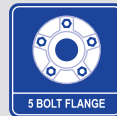
#### GLASSLINING TREATMENT

The tank is manufactured using a thick, high-grade steel. Its surface is processed by a special titanium glasslining treatment, fired at 810°C which guarantees a lasting barrier against rust and corrosion. The porcelain enameling transform the steel boiler into a "glass" container, thereby creating a non-toxic, hygienic environment that has maximum protection against bacterial flora.



#### MAGNESIUM ANODE

The oversized anode releases magnesium particles, which prevents electrolysis, and consequently guarantees lasting protection for the inner tank, giving it a long life.



#### 5-BOLT FLANGE

The heating element, the anode and the thermostat are mounted on a large 5-bolt flange (Ø 70 mm). This allows a quick access for easy maintenance.



#### STAINLESS STEEL WATER PIPES

The water inlet and outlet pipes are made of stainless steel.

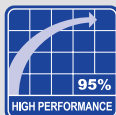


#### RUST-PROOF OUTER SHELL

The steel outer case is coated with epoxy powders, creating a durable, long-lasting finish.



### ENERGY SAVING AND ENVIRONMENT FRIENDLY



#### SPECIAL HEATING ELEMENT

All models are equipped with high performance copper heating element that ensures quick heating and low energy consumption.



#### CFC-FREE HIGH INSULATION

Thermal insulation, performed by high density CFC-free polyurethane foam, in compliance with international environmental protection rules, allows a considerable energy saving containing heat dispersion.



#### RECYCLING PARTS

SCC Water heaters are designed and manufactured with great environment respect as a matter of fact the appliance components are recyclable.



## S

### SAFETY



#### TOP SAFETY VALVE (SASO)

This additional safety valve placed on the appliance top is rated at 9,5 bars and redoubles the appliance safety complying with SASO quality accreditation rules.



#### DOUBLE SAFETY THERMOSTAT

Adjusts water temperature and automatically cuts-off power in case of overheating. The second control operates in the event of failure of the main one.

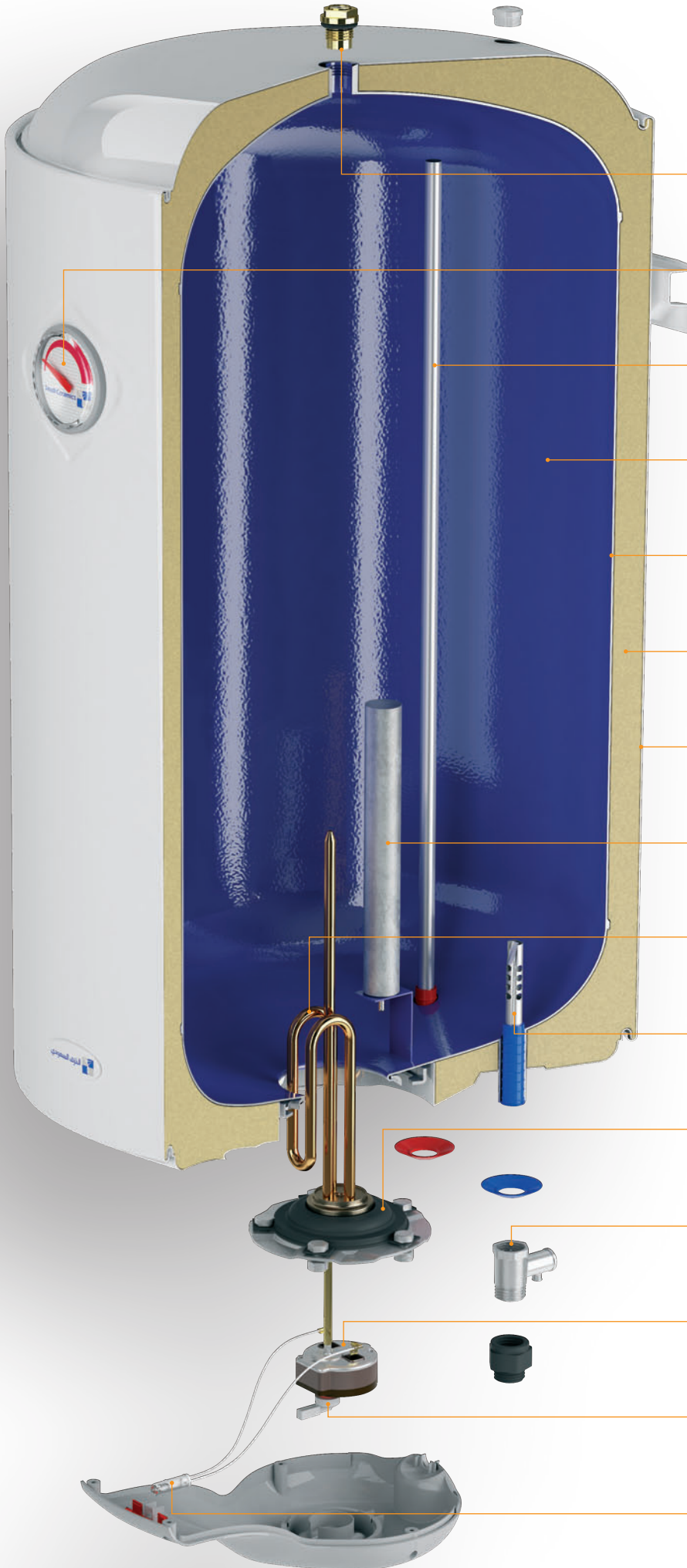


#### BOTTOM SAFETY VALVE

SCC Water heaters are equipped with safety valve, rated at 7,5 bars, to assure maximum safety in case of excessive pressure inside the boiler.



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Saudi Ceramics



TOP SAFETY VALVE



THERMOMETER



HOT WATER OUTLET PIPE



GLASSLINING TREATMENT



INNER TANK



INSULATION CFC FREE



OUTER SHELL



MAGNESIUM ANODE



HEATING ELEMENT



COLD WATER INLET PIPE



5-BOLT FLANGE



BOTTOM SAFETY VALVE



DOUBLE SAFETY THERMOSTAT



TEMPERATURE REGULATOR



OPERATION LAMP








# A WIDE RANGE OF APPLIANCES TO MEET PERFECTLY ALL YOUR NEEDS.

SCC Water Heaters range in size from 30 litres, which is quick and easy to install; to the big 300 Central Heaters that ensures large hot water. SCC also offers Vertical and Horizontal models as well as easy to place Slim Range. SCC Water Heaters can always offer the best solutions to satisfy all kinds of need.



## CHOOSE YOUR MODEL DEPENDING ON YOUR HOT WATER NEEDS.

USERS					
WATER WITHDRAWALS IN RAPID SUCCESSION	1-2	2-3	3-4	4-5	> 5
APPLIANCE CAPACITY	30-50	50-80	80-100	100-150	200-300

A single withdrawal is about 25 - 30 litres of water from a mixer tap at 38°C, enough for a shower.



# QUICK AND EASY TO INSTALL FOR SMALL AMOUNT, SPACE & ECONOMICAL CONSUMPTION.

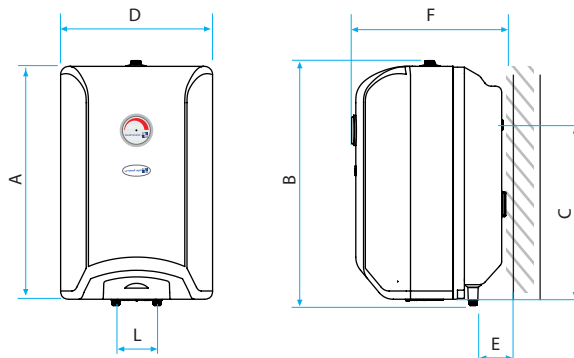


For assembly above the draw-off point, we recommend the SCC-EWH 30 SQUARE TYPE.

With a cold water supply and a light socket you can easily install the appliance even in areas of the house, which are not connected to the central system. This model is especially suitable for: small apartments, holiday homes, campers, caravans, boats, offices, shops, restaurants, hotels, residences, work sites, garages, warehouses, service stations, etc...

The outer shell, made up with a special plastic material, guarantees maximum protection against shocks and it is unassailable by external agent, causing rust and corrosion.

For all these reasons this kind of appliance is especially suitable for installation in workplaces.



SCC EWH-V	A	B	C	D	E	F	G	L
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SQUARE TYPE ELECTRIC WATER HEATER								
SCC - EWH - V30	564	590	423	370	82	369	100	100

CAPACITY	POWER	VOLTAGE	HEATING TIME	MAX WORKING PRESSURE	INSULATION THICKNESS	NET WEIGHT
litres	W	V	$\Delta t=45^{\circ}\text{C}$	MPa	media/average mm	Kg
30	1200	127 or 220	1 H, 45	0,75	25	11,5

# THE HIGHEST STANDARDS IN WATER HEATING.

Vertical medium capacity water heaters are the best expression of SCC products quality in terms of efficiency, energy saving and long lasting.

Available from 50 to 150 litres, these appliances, are the ideal solution to satisfy perfectly all hot water needs in the family and in small and medium workplaces.


They are preferable if compared to equivalent horizontal models, for a better thermal performance and for a generally easier placement.

All models are subject to the 100% QUALITY CHECK and are provided with a 5 years warranty.




All SCC electric water heaters are fitted with a heating unit mounted on a large diameter 5-bolt flange, allowing easy maintenance. The flange width allows a very easy inspection of the inner tank.




  
**SCC-EWH-V 50**  
 1-2  
 WATER WITHDRAWALS




  
**SCC-EWH-V 80**  
 2-3  
 WATER WITHDRAWALS




  
**SCC-EWH-V 100**  
 3-4  
 WATER WITHDRAWALS



  
**SCC-EWH-V 120**  
 4  
 WATER WITHDRAWALS

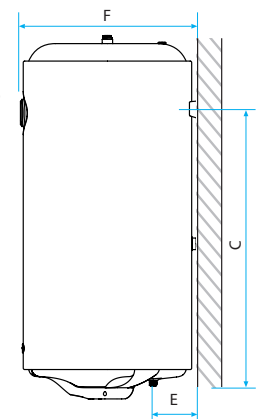
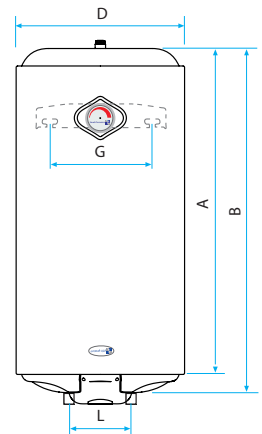


  
**SCC-EWH-V 150**  
 4-5  
 WATER WITHDRAWALS



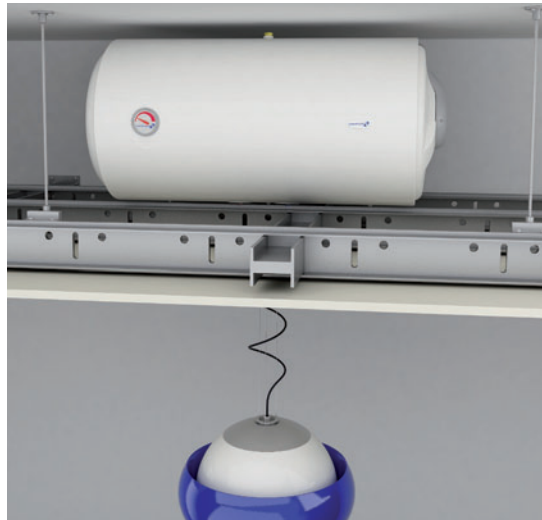


EXTERNAL TEMPERATURE  
REGULATOR



SCC EWH-V	A	B	C	D	E	F	G	L	CAPACITY litres	POWER W	VOLTAGE V	HEATING TIME $\Delta t=45^{\circ}\text{C}$	MAX WORKING PRESSURE MPa	INSULATION THICKNESS media/average mm	NET WEIGHT Kg
<b>VERTICAL ELECTRIC WATER HEATERS</b>															
SCC-EWH-V50	550	620	375	445	115	465	300	100	50	1200	127 or 220	2 H, 45	0.75	20	16.5
SCC-EWH-V80	795	865	618	445	115	465	300	100	80	1200	127 or 220	3 H, 30	0.75	20	22.5
SCC-EWH-V100	980	1050	800	445	115	465	300	100	100	1500	127 or 220	4 H, 30	0.75	20	26.5
SCC-EWH-V120	1165	1235	982	445	115	465	300	100	120	1500	127 or 220	5 H, 30	0.75	20	30.5
SCC-EWH-V150	1410	1480	1225	445	115	465	300	100	150	1500	127 or 220	6 H, 30	0.75	20	36.5

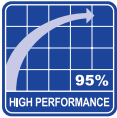
# THE PERFECT CHOICE FOR A DIFFERENT PLACEMENT NEED.



Horizontal water heaters have the same features of corresponding vertical version models.

The horizontal version is suitable to use when false ceiling are present, or anywhere with low vertical space.

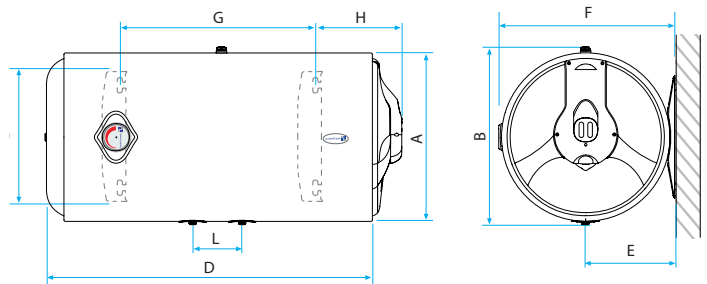
Also horizontal models are subject to the 100% QUALITY CHECK and are provided with a 5 years warranty as well.



1-2 WATER WITHDRAWALS SCC-EWH-H 50		
2-3 WATER WITHDRAWALS SCC-EWH-H 80		
3-4 WATER WITHDRAWALS SCC-EWH-H 100		
4 WATER WITHDRAWALS SCC-EWH-H 120		
4-5 WATER WITHDRAWALS SCC-EWH-H 150		



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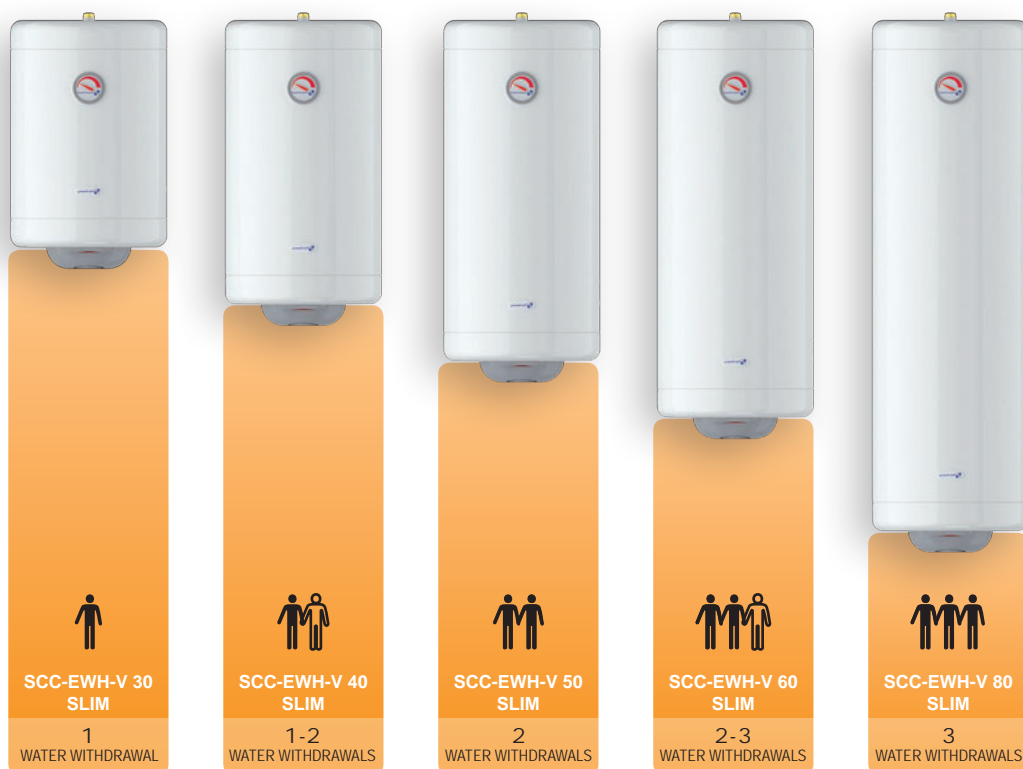
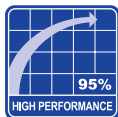


SCC EWH-H	A	B	C	D	E	F	G	H	L	CAPACITY litres	POWER W	VOLTAGE V	HEATING TIME $\Delta t=45^{\circ}\text{C}$	MAX WORKING PRESSURE MPa	INSULATION THICKNESS media/average mm	NET WEIGHT Kg
<b>HORIZONTAL ELECTRIC WATER HEATERS</b>																
SCC-EWH-H50	445	460	300	550	235	465	149	220	130	50	1200	127 or 220	2 H, 45	0.75	20	16.5
SCC-EWH-H80	445	460	300	795	235	465	390	220	130	80	1200	127 or 220	3 H, 30	0.75	20	22.5
SCC-EWH-H100	445	460	300	980	235	465	575	220	130	100	1500	127 or 220	4 H, 30	0.75	20	26.5
SCC-EWH-H120	445	460	300	1165	235	465	760	220	130	120	1500	127 or 220	5 H, 30	0.75	20	30.5
SCC-EWH-H150	445	460	300	1410	235	465	816	220	130	150	1500	127 or 220	6 H, 30	0.75	20	36.5

# SLIM AND ELEGANT, THAT CAN FIT IN TIGHT AND NARROW SPACES PERFORMING EXACTLY SIMILAR TO THE STANDARD HEATER.

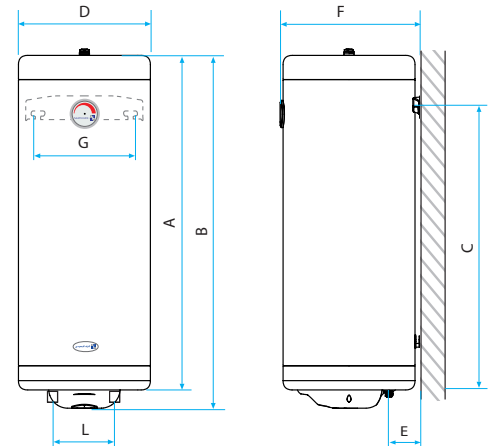
When the available space doesn't allow the placement of a standard dimensions water heater or simply when you need to save space, SCC-EWH SLIM SERIES is the ideal solution to derive the whole benefit of an appliance with a very high performance in only 35.5 cm width.

Even if its diameter is reduced, the Slim Series water heaters keep all the qualitative features that mark all SCC products: high thermal insulation thickness, high heating unit performance, absolute safety system, glasslined inner tank, magnesium anode, rust-proof treatment and whatever is necessary to guarantee maximum efficiency for many working years.





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SCC EWH-V	A	B	C	D	E	F	G	L	CAPACITY litres	POWER W	VOLTAGE V	HEATING TIME $\Delta t=45^{\circ}\text{C}$	MAX WORKING PRESSURE MPa	INSULATION THICKNESS media/average mm	NET WEIGHT Kg
<i>SLIM RANGE ELECTRIC WATER HEATERS</i>															
SCC-EWH-V30 SLIM	505	555	370	355	90	375	300	100	30	1200	127 or 220	1 H, 45	0.75	20	12
SCC-EWH-V40 SLIM	635	685	500	355	90	375	300	100	40	1200	127 or 220	2 H, 15	0.75	20	14
SCC-EWH-V50 SLIM	765	815	630	355	90	375	300	100	50	1200	127 or 220	2 H, 45	0.75	20	17
SCC-EWH-V60 SLIM	895	945	760	355	90	375	300	100	60	1200	127 or 220	3 H, 05	0.75	20	19
SCC-EWH-V80 SLIM	1155	1205	1020	355	90	375	300	100	80	1200	127 or 220	3 H, 30	0.75	20	24

# LARGE NEEDS REQUIRE LARGE WATER HEATERS

## DESIGNED TO MEET BIG REQUIREMENTS IN VILLAS, HOTELS AND COMMUNITIES.

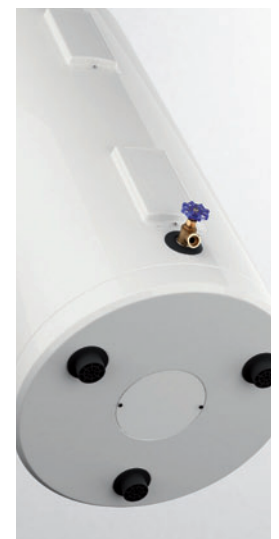
Floor standing SCC CENTRAL water heaters are the ideal solution for numerous and simultaneous hot water requirement. Available in 40 to 80 gallons (150 ÷ 300 litres) capacity. SCC Central Water Heaters are fitted with an oversized magnesium anode to prolong the life of the glasslined inner tank and guarantees Long-lasting Quality.



SCC CENTRAL water heaters are fitted with an oversized magnesium anode in order to provide an increasing protection for the glasslined inner tank.



Safety is ensured thanks to a dual T&P safety valve - rated at a 10 bars pressure – and to a temperature check performed by a bipolar thermostat.



All appliances are fitted with a large inspection flange, located in the bottom, to allow easy periodic maintenance of the tank.



SCC CENTRAL water heaters are fitted with 2 heating elements of 4500 W each, that work in alternating phases to guarantee a large amount of quick hot water. In Stage One, the upper heating element heats the water to the desired temperature. Then, the upper thermostat automatically shuts off. In Stage Two, the lower heating element switches on until the water in the lower section heats.

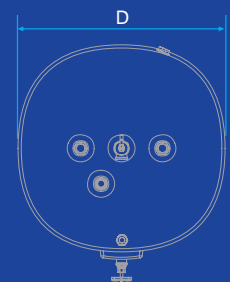
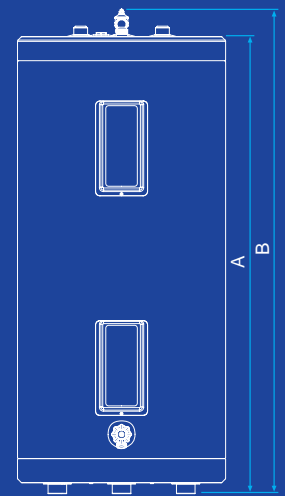




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The high quality manufacturing and the 100% control system allow a TOP WARRANTY , extended to 7 years.



SCC EWH-CENTRAL	A		B		D		CAPACITY gallons	CAPACITY litres	POWER W	VOLTAGE V	HEATING TIME $\Delta t=45^{\circ}\text{C}$	MAX WORKING PRESSURE MPa	STELL THICKNESS OF TANK media/average mm	INSULATION THICKNESS media/average mm	NET WEIGHT	
	mm	inches	mm	inches	mm	inches									Kg	Lbs.
<b>CENTRAL ELECTRIC WATER HEATERS</b>																
SCC-CWH-40G	1190	46 7/8	1216	47 7/8	508	20	40	150	2 x 4500	240	000	1	2.5	33.5	46	101
SCC-CWH-50G	1460	57 1/2	1492	58 3/4	508	20	50	190	2 x 4500	240	000	1	2.5	33.5	54	119
SCC-CWH-50G1	1200	47 1/4	1275	50 3/4	560	22	50	190	2 x 4500	240	000	1	2.5	33.5	58	129
SCC-CWH-65G	1504	59 1/4	1543	60 3/4	560	22	65	250	2 x 4500	240	000	1	2.5	33.5	74	164
SCC-CWH-80G	1498	59	1539	60 5/8	560	22	80	300	2 x 4500	240	000	1	2.5	33.5	87	191
										working non simultaneously						

# ONLY ORIGINAL SPARE PARTS...

SPARE PART	CODE	DESCRIPTION	SQUARE T.	VERTICAL EWH					HORIZONTAL EWH					SLIM RANGE					CENTRAL			
			V30	50	80	100	120	150	50	80	100	120	150	30	40	50	60	80	40G	50G1		
	309806280043	THERMOMETER FOR VERTICAL WH	•	•	•	•	•	•								•	•	•	•	•		
	309806280128	THERMOMETER FOR HORIZONTAL WH							•	•	•	•	•									
	309805980177	HEATING ELEMENT FOR VERTICAL WH 1200 W - 127 V - WITHOUT POCKET OF ANODE		•	•																	
	309805980188	1500 W - 127 V - WITHOUT POCKET OF ANODE		•	•	•	•	•														
	309805980224	1200/1500 W - 220/240 V - WITHOUT POCKET OF ANODE		•	•	•	•	•														
	309805980036	1200 W - 127 V - WITH POCKET OF ANODE	•													•	•	•	•	•		
	309805980039	1500 W - 127 V - WITH POCKET OF ANODE	•													•	•	•	•	•		
	309805980040	1200/1500 W - 220/240 V - WITH POCKET OF ANODE	•													•	•	•	•	•		
	309805980180	HEATING ELEMENT FOR HORIZONTAL WH 1200 W - 127 V - WITHOUT POCKET OF ANODE							•	•												
	309805980225	1200 W - 220 V - WITHOUT POCKET OF ANODE							•	•	•	•	•									
	309805980193	1500 W - 220 V - WITHOUT POCKET OF ANODE							•	•	•	•	•									
	309806380466	HEATING ELEMENT FOR CENTRAL WH 4500W 240V , THREADED TYPE																				•
	309805880148	MAGNESIUM ANODE 150 X 25,5	•	•						•					•	•	•					
	309805880016	170 X 25,5			•						•						•					
	309805880017	185 X 25,5				•	•					•	•					•				
	309806380305	5/8" X42" X 1/2"						•						•							•	•
	309805980006	THERMOSTAT VERTICAL THERMOSTAT WITH DOUBLE SAFETY CUT-OUT	•	•	•	•	•	•								•	•	•	•	•		
	309805980137	THERMOSTAT HORIZONTAL THERMOSTAT WITH DOUBLE SAFETY CUT-OUT								•	•	•	•	•								
	309806380297	CONTACT TYPE BIG																			•	•
	309806380281	CONTACT TYPE SMALL																			•	•
																						•

## AFTER SALE ASSISTANCE STEADY COMMITMENT TO CUSTOMER SATISFACTION.

Experienced customer service technicians are available for any information or technical advice on our products at any time.



# TO ENSURE A **LONG LASTING LIFE** TO YOUR WATER HEATER.



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SPARE PART	CODE	DESCRIPTION	SQUARE T.	VERTICAL EWH					HORIZONTAL EWH					SLIM RANGE					CENTRAL	
			V30	50	80	100	120	150	50	80	100	120	150	30	40	50	60	80	40G	50G1
	309806380213	LID COVER LID COVER DOME TYPE - GREY COLOR		•	•	•	•	•	•	•	•	•	•	•	•					
	309806380404	LID COVER FOR SLIM MODELS - GREY COLOR														•	•	•	•	
	309805680186	PLATE FLANGE	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
	309806380195	PLATE FLANGE FOR CWH																	•	•
	309806380049	TEMPERATURE REGULATOR HANDLE KNOB	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
	309806180200	RUBBER GASKET FOR PLATE FLANGE		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
	309806180391	RUBBER GASKET FOR PLATE FLANGE for CWH																	•	•
	309806080226	TOP SAFETY VALVE	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
	309806080025	BOTTOM SAFETY VALVE 1/2"	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
	309805780184	OPERATION LAMP 127 V	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
	309805780185	220 V	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
	309806380289	TOP SAFETY VALVE FOR CENTRAL																	•	•



For any further information call our CUSTOMER SERVICE HOTLINE!

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