

Saudi Ceramics

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

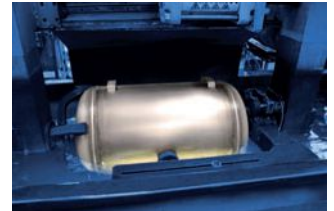
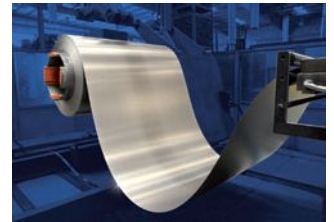


**ELECTRIC
WATER HEATERS**

100 % QUALITY CHECKED

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.

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QUALITY AND LONG-LASTING



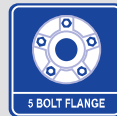
GLASSLINING TREATMENT

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.



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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.

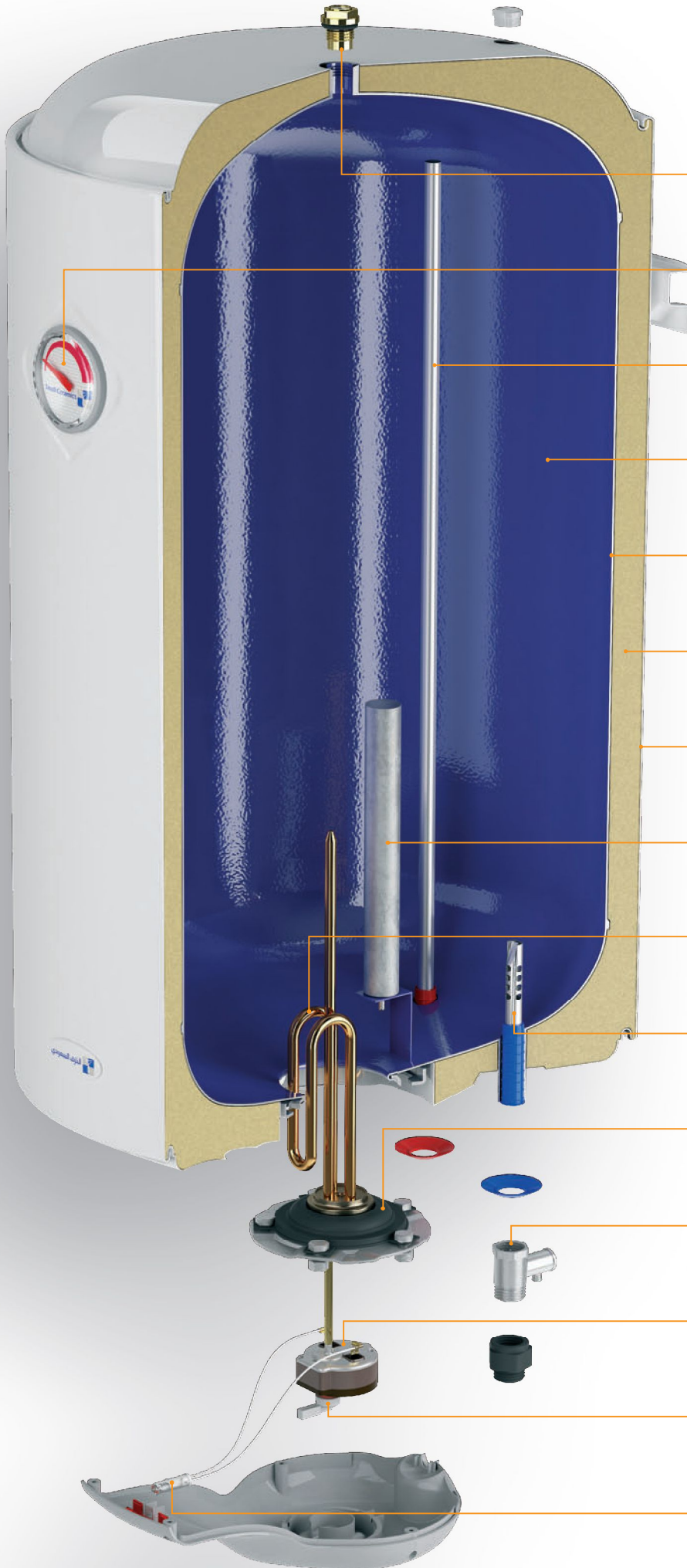


BOTTOM SAFETY VALVE

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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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.

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.

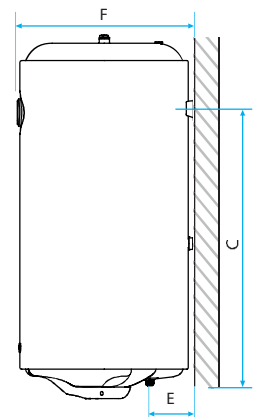
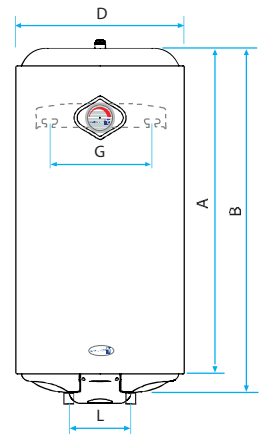




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EXTERNAL TEMPERATURE
REGULATOR



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
VERTICAL ELECTRIC WATER HEATERS															
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