

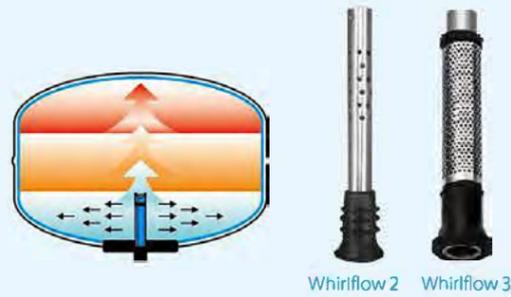
Improved Energy Saving

Polyurethane / Cyclopentane Foam

CFC free, complete protection design against radiant heat loss. (Up to 25% thicker than normal insulation design)

S.L.O.T

Crust structure optimized with SLOT(Standing Loss Optimization Technology), contributes to less standing loss performance while keeping product in original sleek design.



More Hot Water

Whirlflow Technology

With patented whirlflow 3 design, cold water is marshalled at the bottom while hot water flow is being pushed up to upper space. It avoids immediate direct contact between cold & hot water flow for a faster heating and optimized energy saving effect.

Whirlflow2 is with 15% more hot water output;
Whirlflow3 is with 20% more hot water output.

Overheat Protection

Dry Heating Prevention

Stops heating process to prevent dry heating and further protects the life of heating element when there's little water left and product is overheated.

Double Wires Cutout

Disconnects both Null & Fire wire connections for a complete safety of product usage when water temperature overshoots.



G-Tech Resistor Magnesium

With Extra Embedded Resistance

The G-tech resistor magnesium is our brand-new feature with extra embedded resistor. It provides an over five times longer life in compare to regular one with a thorough protection to inner tank from rust and corrosion. Highly recommend for markets with water quality under extreme conditions.



ELCB

Device For Extra Safety And Life-long Durability

The ELCB (Earth Leakage Circuit Breaker) is designed to prevent shock and injury to users.

It quickly disconnects a circuit whenever detecting an imbalance of electric current, which is sometimes caused by current leakage through the body of people who is grounded and accidentally touching the electriferous part of the circuit.



T&P Valve

Double protection for high pressure (0.8MPa or 1.03MPa) and temperature (99°C)



Blue Diamond Inner Tank

With Exclusive Single Weld Line Design

- Provides several times the corrosion resistance and anti-rust effects compared to standard inner tank designs.
- Single weld line on the inner tank, reduces over 67% of water leakage risk.
- A Die-Hard life span. Pass through multiple testings including:
Acidic test: 15% vitriol / 48 hours; Anti-alkaline test: 20% brine / 15 days;
Fatigue test: 0.2~0.8MPa, repeat 300,000Times (UL Standard: 100,000 times);
Environment synchronization test.



High Hydraulic Pressure Protection

Over Pressure Prevention

Self releases inner tank pressure when it exceeds 0.8 MPa and further prevents water backflow in case of no water supply to ensure the safety of performance.

Smart Digital System

Design For Intelligent Life

STD/Timer/ECO/Anti Bacteria modes

Smart system designed for hot water supply anytime, touch button brings fantastic appearance and enjoyable operation, and programmed model can follow your habit to provide hot water timely.

All the smart ideals are designed for your intelligent and ECO life, and anti-bacteria function will be a safeguard for your family.



Top Quality Heating Elements

● Glasslined Heating Element

Scale and sediment build up on the surface of standard elements leads to electricity waste and premature failure. Our imported enameled element helps to prevent sediment formation and extend the life span of the products.

● Incoloy800, Incoloy840 Heating Element

The imported Incoloy heating element is highly sought after due to its excellent ability to resist both oxidization and carbonization in high-temperature settings. What's more it staves off erosion in a number of aqueous atmospheres including the most extreme water conditions. These features have made Incoloy element an industrial recognition and the image of superior quality.



● Copper Heating Element

Compared to regular stainless steel heating element, it offers a stronger resistance to both acid and alkaline substance, also it has better longevity and a better proof to rust and scale formation.

● Dry Heating Element With Enameled Flange

Special blue coating enamel flange prevents limescale adhering and limestone formation. Long life span of heating element due to absence of limescale and no direct contact with water.



ELTERRA

electric waterheater



Model	HE10-GC	HE15-GC
Capacity	10 L	15 L
Voltage	220 - 240 V	
Power	250 Watt	350 Watt
Adjustable Water Temp	Ambient to 75°C	
Rate Pressure	0.8Mpa	
Dimension	345 x 345 x 301 (mm)	385 x 385 x 316 (mm)
Weight	7.7 Kg	9.3 Kg
Water Proof Degree	IPx4	
Packing Size	410 x 400 x 390 (mm)	445 x 435 x 385 (mm)

Model	HE30-GC	HE50-GC	HE80-GC	HE100-GC
Capacity	30 L	50 L	80 L	100 L
Voltage	220 V			
Power Option	400 Watt / 800 Watt / 1200 Watt			
Adjustable Water Temp	Ambient to 75°C			
Rate Pressure	0.8Mpa			
Dimension	H : 650 mm; D : 340 mm	H : 910 mm; D : 340 mm	H : 918 mm; D : 410 mm	H : 1095 mm; D : 410 mm
Empty Weight	13.2 Kg	17.4 Kg	22 Kg	25.7 Kg
Packing Size	435 x 395 x 780	435 x 395 x 1010	495 x 485 x 1040	495 x 485 x 1220



WHAT'S INSIDE

1) HighQuality Heating Element

Offers superior heating performance with extended life span and minimum energy losses. (Available with glasslined / incoloy / copper selections)

2) Heavy Gauge Tank

Made by ultra thick super cold-rolled steel plate with 1.8-2mm thickness.

3) Blue Diamond Enamel Coating Layer

All models are equipped with ultimate protection against rust and corrosion. Blue Diamond layer (0.5mm) provides several times the corrosion resistance compared to standard inert tank designs.

4) Heavy-Duty/G-Tech Anode Rod

With steel core, protects Blue Diamond tank from rust and corrosion.

5) Energy Saving High Density Foam Insulation

CFC free, complete protection design against radiant heat loss (Up to 25% thicker than normal insulation design).



6) Water Tubes With Whirlflow 2/3.

Ensures no immediate direct contact between cold & hot water for a faster heating and maximum energy saving effect.

A further improvement based on classic whirlflow design with up to 20% more hot water output.

7) Multifunctional Safety Valve

Automatically relieves and discharges water in case the temperature or pressure overshoots the preset limits. Also targets a quick startup under extreme pressure conditions from pressure of 0.005MPa to 0.8MPa.

8) Service Panel

Anti-scratch and immersed lock design, provides convenient way for part replacement.

9) Adjustable Temperature

"One-Hand" pilot design, allows a temperature setting between 25°C to 75°C.

10) 5-Bolt Flange

Provides an easier way for product maintenance.

11) Knob

12) Temperature Meter

