

# High Capacity Electric Water Heater

*Custom-designed with a variety of special features, high efficiency is guaranteed even with extremely high capacities!*

## Product Features:

### Design:

- The heater is custom designed to your requirements in both material and capacity. Coming in two models; horizontal and vertical, it's equipped with an optional temperature indicator in digital or analogue versions.

### Efficiency:

- Made of hot galvanized steel, the outer casing is epoxy-coated using different techniques according to the heater capacity; always providing protection against humidity and other environmental conditions which adds to the heater's durability and suitability for outdoor installation.
- The internal tank is made from high quality steel; internally coated with a layer of hydra stone, while also available in stainless steel equipped with a magnesium anode or an alternative electric device that prevents rust and corrosion.
- The finest materials are used for producing the heating elements.
- Two options are available for setting water temperature; through a regular thermostat that operates mechanically with heat or a digital control system; both efficiently setting temperature according to requirements.

### Safety Measures:

- There's a double protection against over heating; where the thermostat safety prevents the water from reaching excess temperatures and thermal cut-out is applied if the temperature crosses the safety limit.
- A pressure-relieve safety valve is provided to release excess pressure inside the tank.

### Energy Saving:

- In order to preserve hot water temperature for a longer time and reduce energy consumption, an insulation is applied to the internal tank.
- Eco-friendly polyurethane, rock wool, or glass wool is used as an insulation material through different densities and thicknesses according to heater specifications.

### Maintenance:

- With a warranty of 50 months, this heater also comes with a complete installation and maintenance manual, and spare parts are always available at Nova.

### Product Specifications:

- **External Casing:** Hot Galvanized Steel with Epoxy Coating
- **Insulation:** Polyurethane, Rock Wool, or Glass Wool
- **Internal Tank:** Hot/Cold Rolled Steel with Hydra Stone Coating or Stainless Steel
- **Heating Element:** Pure Copper or Stainless Steel Alloy (Single Phase or 3 Phases)
- **Inlet & Outlet Tubes:** 3/4 inch (Capacities up to 300 liters) and 1 inch (Capacities 400 liters and above)
- **Lower draining Hole:** 1 inch
- **Temperature control:** Reaches up to  $75 \pm 5^{\circ}\text{C}$  – Cut out at  $90 \pm 5^{\circ}\text{C}$
- **Pressure Control:** Rated:  $6 \text{ kg/cm}^2$  - Maximum  $8 \text{ kg/cm}^2$  (or according to customer's requirements)
- **Warranty:** 50 Months
- **Spare Parts:** Always Available

Highly Efficient	Energy Saving	Environmental conditions Resistant	Custom Designed
			

\* As we continuously develop our products, the company has the right to change product specifications whenever needed.