

## Quality Assurance



Component suppliers & vendors of the products are accredited with certification of



Product is SIRIM tested, Fully Type Tested to CB Scheme and accredited with certification of



## Advancing Lifestyles

Hydro One is a Malaysian Based company that produces a diverse range of home living product with innovative solution. From design to distribution, Hydro One has Contributed to the contemporary lifestyle in many home.

Our products include Solar Water Heater, Fiberglass Swimming Pool, Outdoor Jacuzzi, Water Filtration System and last but no least, the Hydro One Eco Heater as our latest product developed within the company.

All product were created with equal attention to modern lifestyles requisites. Hydro One's product are used worldwide in over 40 countries spanning from South East to East Asia, South America, Middle East, Africa and Oceania.

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**HYDRONE**

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Safe and Save,  
**Always!**

# HYDRONE EcoHeater



## It's Life, Energy & Cost Saving... Always!

Hydro One EcoHeater uses the more advanced heating technology by applying the non-metal type heating components, making it a well designed product with efficient performance of rapid water heating and greater energy saving at the same time. With its SIRIM tested state-of-the-art safety protection features, now you can enjoy safest hot water with savings up to 50% or more in energy cost than any conventional hot water system.

## Features That Matters

- Lower power consumption by 50% with only 1500W vs 3000W from the conventional heater.
- Absolutely safe! Uses a non-metal heating element which is not electricity conductive with no risk of electrocution.
- Heat efficiency is higher than the conventional.
- Better resistance to oxidation and scaling for longer product life span.
- Equip with Smart Control System with Auto Temperature Start / Stop, Thermostat Safety cut out, Hot Water Temperature indicator display.
- High quality Enamel Coated Inner Tank of Hot Water Storage tank with 6 Years Warranty!
- Tank is fully insulated with 60mm CFC Free Polyurethane Foam for heat loss prevention.
- Proven product quality by SIRIM, CB & TUV certified with 2 Years Product Guarantee!
- Ideal for condominium / apartment unit.

Up to  
**50%**  
Electricity  
Cost Saving

**6**  
Years  
Warranty

**2**  
Years  
Guarantee

## Comparison Of Electricity Cost & Consumption With Same Hot Water Usage

Type of heater	Rated Current	Total Electricity Consumption A Year <sup>1</sup>	Total Cost A Year <sup>2</sup>
HYDRONE EcoHeater	1500 W	1.5kW X 2 hrs X 365 days = 1095 kWh	RM 372.30
Conventional electrical water heater	3000 W	3kW X 2 hrs X 365 days = 2190 kWh	RM 744.60

1. Power consumption is worked out based on 80L capacity with 2 showers a day and require heating frequency of 2 times a day  
2. The cost shown above is based on TNB tariff at RM 0.34 / kWh for reference purpose only

## Appreciate The Difference

Technical Attributes	Hydro One EcoHeater	Conventional Boiler Tank
Tank Material/ Thickness	Enamel Coated Tank 2.0mm	SUS 304 1.5mm or Enamel Coated Tank 2.0mm
Rated Power (power consumption)	1500 W, 6.5Amp	3000W, 13Amp
Heating Mechanism & Technology	Uses low power consumption, non-metal and non-electricity conductive heating component	Uses high power consumption, metal type and highly conductive heating element
Mechanical Strength	High Temperature strength ( up to 1200 deg.C )	Low Temperature strength ( up to 177 deg.C )
Heating Component Durability	Resistance to oxidation & chemical that prevents water scaling	Mineral attractive metal material that encourage scaling in long term
Thermostat Cut Off	Available	Available
Heating Component Material	Non-metal Silicone Composite Material	Copper Material
Hot Water Temperature Display	Yes, digital display with precise measurement	No
Power Supply Required	13 Amp Power Socket	20 Amp Heater Point
Heating Time	1 deg.C / minute	1 deg.C / minute

## Technical Specifications



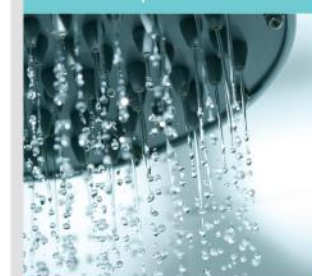
Model	Eco 30	Eco 50	Eco 80
Tank Capacity	30 litres	50 litres	80 litres
Overall size	345mm (D) X 620mm (L)	345mm (D) X 820mm (L)	405mm (D) X 820mm (L)
Tank insulation	60mm Polyurethane Foam	60mm Polyurethane Foam	60mm Polyurethane Foam
Tank Material / thickness	Enamel Coated, 2.0mm	Enamel Coated, 2.0mm	Enamel Coated, 2.0mm
Max. Heating Temperature	75 deg.C	75 deg.C	75 deg.C
Heat Up Time (31 – 75 deg.C)	36 mins (for 44 deg.C Delta T)	45 mins (for 44 deg.C Delta T)	86 mins (for 44 deg.C Delta T)
Rated Voltage/ Power/ Current	240V AC / 1500 W / 6.5 Amp	240V AC / 1500 W / 6.5 Amp	240V AC / 1500 W / 6.5 Amp
Thermal Cut Out Protection	95 deg.C	95 deg.C	95 deg.C
Auto Heating To Be Activated	drop 5 deg.C	drop 5 deg.C	drop 5 deg.C
Pressure Relief	800 kPa	800 kPa	800 kPa
Weight	20kg ( Dry ) 50kg ( Operating)	25kg ( Dry ) 75kg ( Operating)	30 kg ( Dry ) 110 kg ( Operating)



Non-metal Heating Component



Smart Temperature Control



Shower, peace of mind...



Electricity Cost Saving