

Advancing
Lifestyle



HYDRONE

Hydro One

12 Years Of Excellent History Timeline

The Baby Was Born In 2003

Started with a fiberglass workshop fabricating household outdoor water filter, swimming pool filters & water filter vessel for commercial application.



"I still can remember very well back then even directors had to roll up their sleeves and helped the production workers to polish the water filters ourselves during Christmas & New Year in 2003 for a rush delivery. That's how serious and committed we are."

K H Lee, Director

Our first generation of household outdoor water filter produced in 2003.



Hydro One is the pioneer to introduce membrane technology as the Point-of-Entry household water filter in Malaysia and the total units installed are more than 20,000 units till now. There were many brands introduced the same technology since then but most had disappeared over the time. We are very proud that Hydro One remains as the key supplier of water filters till today. Thank you for the trust from thousands of customers.

The Export Era 2003 - 2008

We have been actively promoting our products and solutions to the world market. We manufacture fiberglass pool filters, water treatment & waste water treatment solution for the export market. Our first container exported to Vietnam and expanded to 40 countries worldwide years later.



The Change In Direction

Never stop development is the core value within the company. After a lengthy study, Solarwave Solar Water Heater was successfully launched and its first debut was in Homedec exhibition 2008. We have had an overwhelming response in the show since then. Solarwave Solar Water Heater remains as the core product within the company and has supplied to many prime housing development projects.



Moving Forward

With our background in fiberglass manufacturing and our vast experience in swimming pool industry, we moved forward venture into the production of fiberglass swimming pool. Knowing the set back in conventional swimming pool construction method, fiberglass pool is designed to overcome those disadvantages with its one-piece structure, easiest to maintain & fast installation lead time that can be done in 7 days.

Started with only 3 designs in 2009 and we have expanded up to total 6 designs in our range now.



What's Next & New ?



We are concerned with the safety factor when selecting for electrical water heater. And water heater consumes the most energy cost amongst all home appliances. Over the years, our R&D team has been focused in developing a storage water heater which are absolutely SAFE, able to SAVE energy cost while does not compromise in performance.

The study and development were lengthy before a prototype was developed. Hydro One Eco Heater uses the most 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 savings at the same time. The heating technology has been proven in many challenging and stringent industry for heating application. Resistance to oxidation and scalling for longer product lifespan.

Conventional water heater uses the cooper heating element. By using a non metal heating element and the heating component for Hydro One Eco Heater is made of silicon composite material, it is

non electricity conductive , hence with no risk of electroculation. Absolutely Safe!

The inner tank is made of high quality stainless steel material and fully insulated with 50cm CFC Free Polyurethane Foam for heat loss prevention.

Besides safety & cost savings factor, the product has incorporated with smart safety system with double thermostat safety cut out. The product has undergone a thorough safety test and fully accredited by CB & SIRIM under IECEE standard and TUV certified.

Thanks to the high efficiency of the heating technology, the power rated for Hydro One Eco Heater is only with 1500W as compared to 3000W of heating element being used in conventional water heater. Hence, we do not tolerate on the heating efficiency, the speed for heating remains the same as conventional copper heating element.



TIPS

What's our savings electricity cost consumption with same hot water usage ?

Type of heater	Rated Current	Total Electricity Consumption A Year ¹	Total Cost A Year ²
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

Product is tested and accredited with certification of :



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



Safe & Save, Always!

Hydro One Fiberpool



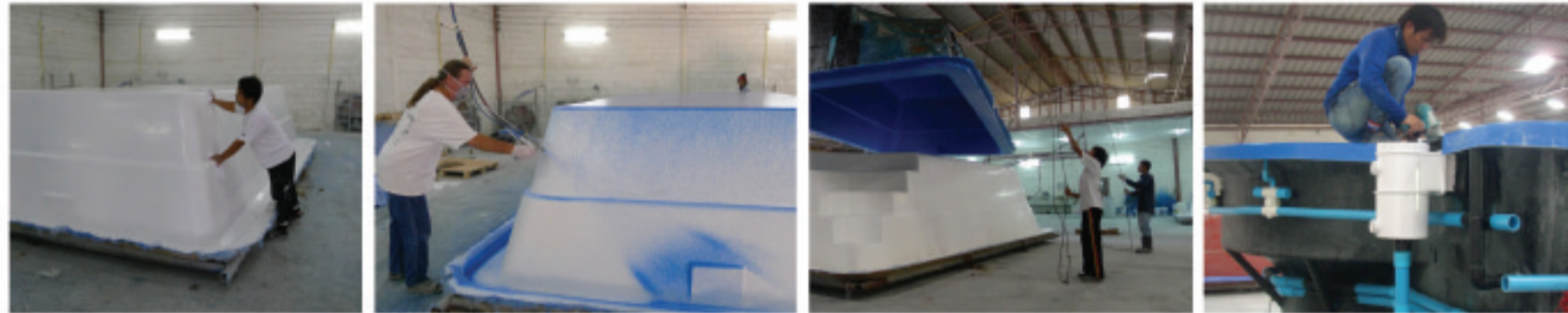
The epitome of luxury and style is this: swimming, soaking and dipping in the comfort and privacy of your own swimming pool. Imagine resting and relaxing, playing with your family or hosting a fabulous poolside party by a beautiful swimming pool.

With Hydro One Fiberpool, your fun lasting memories made easy...!

Fiberglass swimming pools have been created since the 1950s, emulating the criteria of strength and endurance required for fiberglass boats and yachts.

The technology has evolved in leaps and bounds, discovering superior material that endures through perpetual underwater usage.

Why is Hydro One Fiberpool Swimming Pool the better choice than other conventional pool construction method? Simply because it is easy to maintain, fast installation ahead time, minimum human-error in construction, leakage free structure, no repairing needed on structure and quality control is mostly done at factory instead of at site.



How The Ideal Pool Is Made

Most of the swimming pools are either built or assembled on site. However, Hydro One Fiberpool is made in a one-piece structure, without any joint or assembly parts, through a series of stringent and state-of-the-art fabrication process on an one-piece mould. Raw material used are Marine grade fiberglass materials imported from Australia that is widely applied in swimming pool and leisure boat industries, absolute weather proof!

The entire one-piece pool structure will go through a 3 layers of polishing and anti-scratch treatment to produce smooth, glossy & glittering surface finishes before delivery.

Any possibility of water leakage after years of operation is eliminated. To assure our commitment, Hydro One Fiberpool structure entitles 10 years warranty against leakage!



Only 7 Days For Endless Fun To Begin!



Not many great things can be achieved in a week, but we can install an entire swimming pool for you! Made possible by the one-piece design and pre-fabrication process in our quality controlled factory.

This makes the installation of Hydro One Fiberpool Swimming Pool simple and fast without having to coordinate with different sub-contractors that will keep human-error on construction & finishing to minimum.

Pool fittings & accessories such as Inlet, Main Drain, Skimmer and water piping are fused at the pool structure by fiberglass lamination to eliminate any leakage possibility even under long term of operation. You neither have to monitor the quality of your contractor's workmanship for months nor making the plumbers to understand and plan for the complicated piping system last minute at site.

Besides the pool fittings, Hydro One Fiberpool Swimming Pool is also equipped & packaged with LED Underwater Light and an aluminum-made Pump House that contains the Sand Filters, Pool Pump and Control Panel with Remote Control.

Be a Hassle-free Swimming Pool

Maintenance is always the top concern of any potential swimming pool user. Algae normally tends to grow within the pores & gaps of the tiles in a concrete pool. Scrubbing using algae brush is usually required and even acid is used frequently to clean the pool surface to be free from algae stain. Hydro One Fiberpools are devoid of any such maintenance hassles because of its smooth and one-piece surface finishing that can be kept clean easily. In fact, we encourage the users to perform the pool cleaning by DIY when a full set of cleaning kit is provided by us upon hand-over.

Repairing on pool structure, e.g. replacement of PVC liner in vinyl pool or re-tile works on a concrete pool, occasionally required after long term operation. All these translate to high repairing cost for your pool and sometimes too costly to abandon your pool. User can eliminate all these unnecessary costs & unforeseen nightmare with Hydro One Fiberpool..

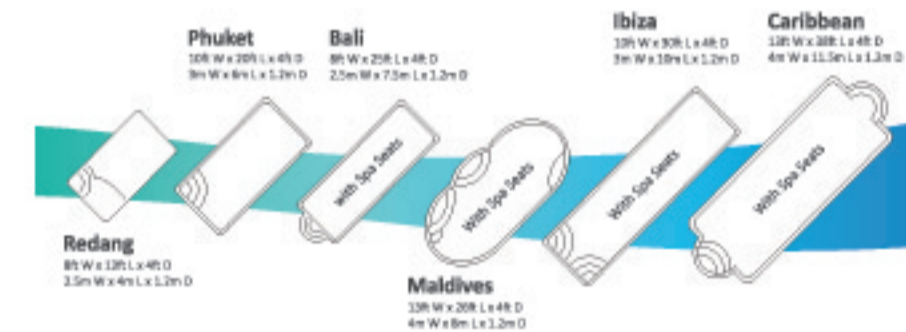
Let's personalise your own pool!

Look for more enjoyment besides swimming? We offer more than just a swimming pool!

Hydro One Fiberpool also comes with Jacuzzi spa-seats (for model Maldives & Caribbean) that is already built-in in the pool for you to relax & rejuvenate yourself after a hard days night.

Besides, you can also choose to upgrade your pool further with our optional add-on features, e.g. Jet-Stream Cross-Current Swim Jet from Germany, UV Ionizer from Netherland, Jacuzzi Spa Seats, etc.

Hydro One Fiberpool Models



Space constraint should not be the main concern anymore as some of our pool models can even be installed at Semi-D houses.

Hydro One Fiberpool Swimming Pool also features surface with glittering effect finishing that is polished smooth & glossy with UV resistant coating, non-abrasive that will harmonized with the landscape view of your dream house.

Fun Lasting Memories Made Easy!

Solarwave Solar Water Heater



Many home owners are getting aware of that having a Solar Water Heater System is basically a more practical solution for your daily needs of hot water supplies. Not only environmental-friendly while value adding your home sweet home and your family lifestyle, but a Solar Water Heater system that rarely need any electricity to operate is also much safer for your hot water during day & night

Continuous Hot Water From The Sun

Why Solar Water Heater System

However, it is common that some are in doubts whether the hot water supplies can be consistent even after over-night? While some choose to take second thought due to the initial investment sum on the system plus the concealing works of hot water piping within the property that might seem hefty. The latter group obviously might have overlooked at the electricity cost, which is a long term and never ending expenses spent on their hot shower whenever heating system used is electrical driven. Also, there wouldn't be any better moment to proceed with the hot water piping concealing works at your home except during the renovation time before family move in.

Are All Solar Water Created The Same?

At Hydro One, we realise that continuous hot water supplies with virtually no electricity needed should be the top prioritised brand promise of a Solar Water Heater system to user as this is the very basic fulfillment while also eventually cause faster Return of investment.

In view of this criteria, Solarwave Solar Water Heater system, another flagship product by Hydro One, is designed to perform not only with better heat absorption but its design philosophy also emphasize on heat preservation.

Solarwave utilises the latest solar water heating technology of Energy Transfer Mechanism that differentiates itself from other system in 3 main areas : Its solar collector, hot water tank structure and working mechanism

The Essential Components That Make All Features Happen

Solarwave's solar collector in cylindrical shape design is neatly arranged in a manifold structure so that it would have a wider angle exposure and absorb more sunlight throughout the day.

The entire structure of Solarwave's solar collector and Hot Water Tank does not operate under pressurised condition. Therefore, chances of leakage is minimized to lowest possible.

Besides the efficiency in heat absorption by the solar collector, one of the most unique mechanism is the design and structure of hot water storage tank. In the design of conventional solar water heater system, our hot water always depend on the capacity of the hot water storage tank.

Besides the efficiency in heat absorption by the solar collector, one of the most unique mechanism is the design and structure of hot water storage tank. In the design of conventional solar water heater system, our hot water always depend on the capacity of the hot water storage tank. With the usual time we consume the most hot water which normally at night where the solar collector has stop functioning, the hot water we consume comes from the storage tank eventually cold water will keep mixing within the tank, this process will create a tremendous drop in the hot water temperature and at most time we don't get too enjoy a full capacity of hot water designed by conventional solar water heater system.

The hot water storage tank of Solarwave features an Inner Copper Coil immersed within that is made of high pressure copper conduit and known best for heat conduction.

The Inner Coil ensures that the cold water never mixes with the hot water while in the tank. This helps in achieving a water temperature and continuous supply of hot water.

Cold water actually flows directly into the Inner Coil, which is in 25M long, and is then instantly heated by the surrounding hot water in the tank while passes through. Hot water is produced immediately with no loss in pressure and virtually in unlimited volume too.

In simple words, hot water stored in the Hot Water Tank actually serves as a heating medium instead of being consumed directly. It stop cold water from mixing the hot water available in the hot water storage tank. Even where there's a great consumption of hot showers by family, Solarwave ensured that hot water in your house would remain hot at all times.

With its distinctive quality and performance, Solarwave has been installed in many prestigious housing projects.



> Advantages from Solar Collector

- Lower heat loss
- Better heat preservation
- Greater heating efficiency
- Wider exposure area
- Partial replacement
- Water-less leak-free design
- No condensation & corrosion

> Advantages from Inner Copper Coil

- No mixing of hot & cold water
- Apply Heat Transfer mechanism
- More reliable pressurized area



TIPS

Not all water pumps are maintenance-free. Water pumps that are equipped with pneumatic tank has to be refilled with gas into the diaphragm within after few years of operation. Otherwise, the pressure performance may deteriorate.

TIPS

The best direction for installation of Solar Water Heater will be facing South or North as solar energy absorption will not be limited by morning/ evening sun. User should not be restricting the installation location due to aesthetic reason. Instead, one should feel proud if their solar water heater system is obviously seen as this reminds & encourage others to show their bid of support to the environment by using green energy.

TIPS

Hot water piping is a must-have before getting a Solar Water Heater. Not sure if your property already provided with any in advance? Easy, just check out your bathroom and hot water piping should have been concealed if a shower mixer fitting is found. However, you should also be making sure those hot water piping are all connected within the ceiling level to form a centralised supplies loop. Also, an electrical point with 15Amp wall switch at common area should be prepared for the connection of the solar heater system's accessory - the back-up heater.

The Heat Is On
Always!

Hydro One Outdoor Water Filter



Sirim Test Certificate since year 2004

08
Water Filter



There are certainly many advantages with membrane water filter. The slim & sleek design doesn't take up space of your garden as it is wall mounted. In terms of performance, the product can filter down to 0.01 micron and remove bacteria & viruses of up to 99.99%.

Having said so, Hydro One membrane water filter is the only brand has undergone a filtration & bacteria test conducted in Sirim back in 2004. The product is time proven with more than 20,000 units installed across the country. Throughout the years, our membrane water filter have been applied in many challenging environment such as waste water recycling system across the continent.

You have the option with automatic flushing with an automatic timer controller fully imported from the USA, the timer controller is weather proof with battery operated. All you need is to replace the 9V alkaline battery to power the auto-timer controller every 3 – 6 months.

In short, we promise you with a crystal clear water with Hydro One Membrane Water Filter.

The product comes with a 2 years guarantee and 10 years warranty on the stainless steel housing against leakages.

The popularity of having the outdoor point of entry water filter began in the last decade. Hydro One as the pioneer in water filtration industry was the first introducing the membrane technology as the outdoor point of entry water filter for home.

TIPS

When selecting your water filter, it is crucial to consider the company's track record and history to determine whether they can offer a lifetime service.

TIPS

While many worry about the replacement cost on membrane filter, Hydro One Membrane Water Filter has proven with a long standing presence in many homes and the replacement for membrane is required only after 5 years.

Hydro One Hot Spa



09
Hot Spa



Hydro One Hot Spa & Jacuzzi has been carefully designed for everyone in Malaysia whether it is for pure indulgence, family time, party time, Hydrotherapy or simply relaxation. Our design integrates well with the interior design of your home, garden and terraces. It is impossible too find a spa that for your home or commercial. The production has been carefully outsourced to a manufacturer in Australia with over 20 years experience in spa production. From raw material to a single tiny component have gone through a detailed selection with origin from Australia.



For Ultimate Relaxation & Enjoyment

Each and every jet built in has been carefully designed in the right position that generate micro-sized bubbles around the body, stimulating the circulation, and jets that combine pressurised water and air and which, depending on their position, can be aimed at the parts of the body that require treatment. Many of these jets, in addition, form a cluster with several adjustable streams for simple baths or full hydrotherapy effect.



Chromotherapy

A natural technique based on the use of colours to help the mind and body find their natural balance at a physical, mental and emotional level. The ELS (Environmental Lighting System) enables you to enjoy an ambient lighting system as you can choose the colours that match your mood at any given time.



Integrated Spa Stereo System

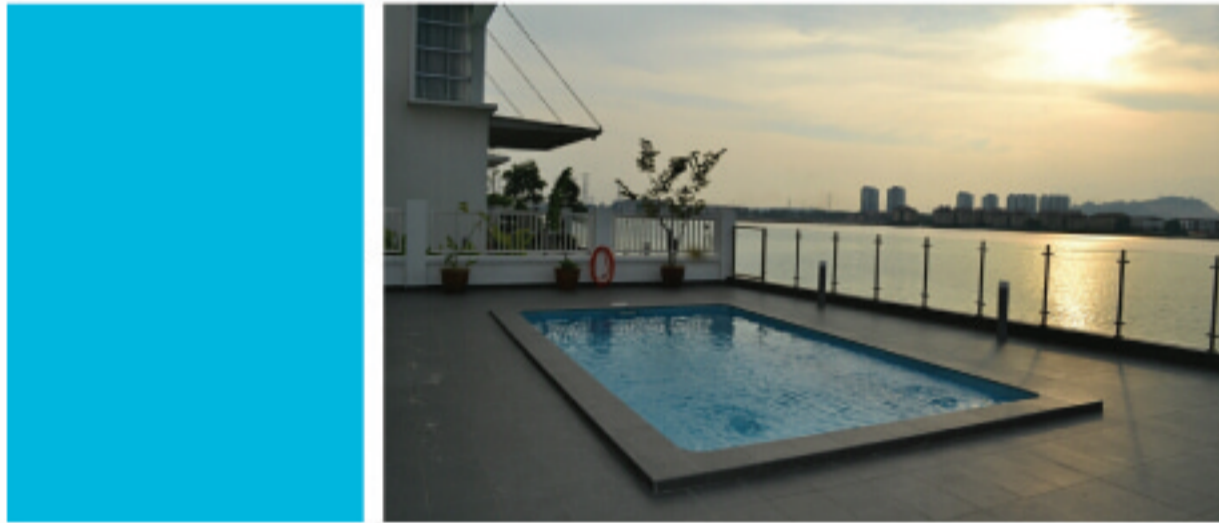
Option to incorporate our Spa Stereo System enable you to listen to your favourite music whilst relaxing in the spa, with the compact water resistant Bluetooth Wireless Stereo System. The fully integrated spa system has been designed specifically for the spa environment and comes complete with pop up speakers, a sub woofer and built in Bluetooth interface to enable you to control the audio system through control panel.

AFFORDABLE

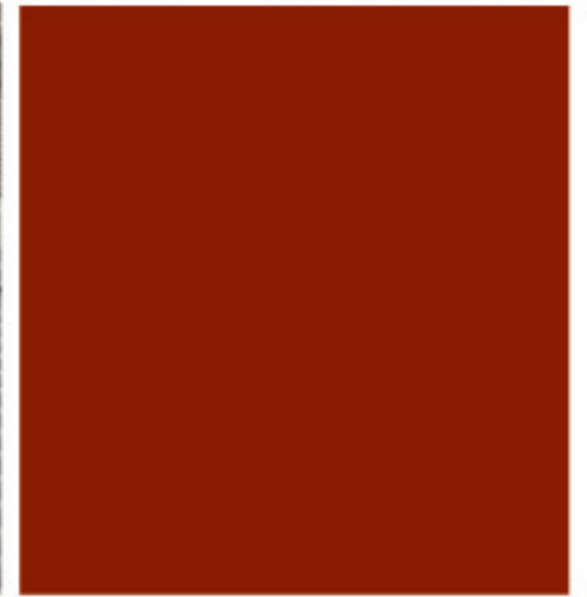
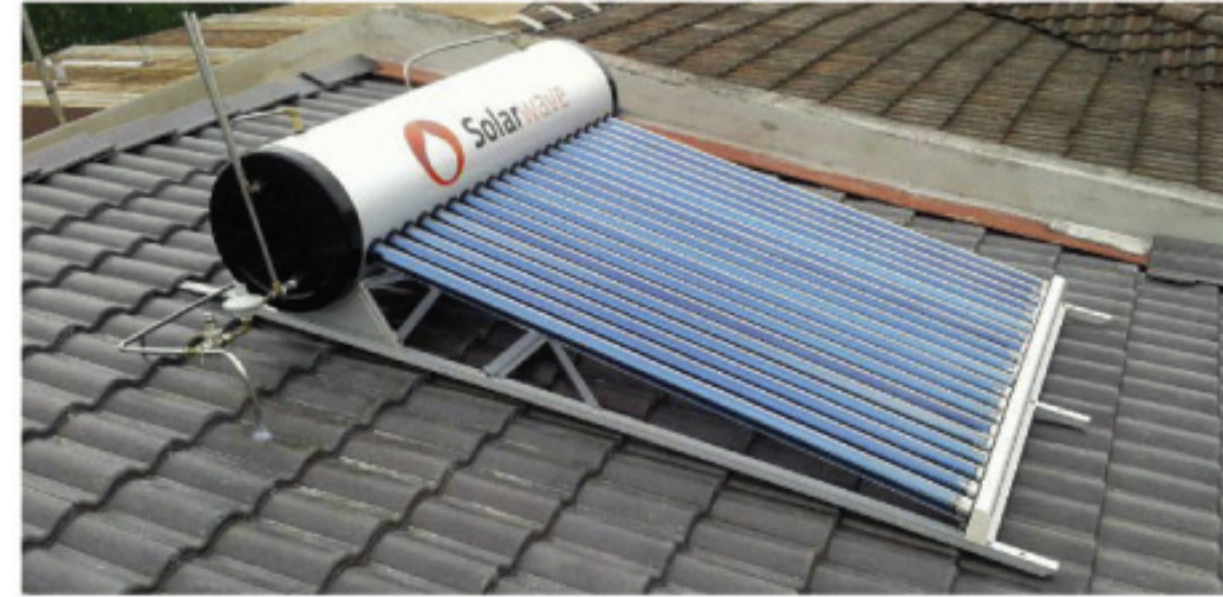
Premium quality at an affordable price has been our focus. Built in features, options and finishes that the rest of the spa aspires to achieve but only Hydro One Spa can deliver. Provide a resort living everyday for your family.

Hydro One's Installation

Hydro One Fiberpool



Solarwave Solar Water Heater



Hydro One Water Filter



Special Installation

Hydro One's products are not just a standard norm product, but a solution provider in many different applications :

KFC & Pizza Hut

We managed to lower the energy cost by 50% with Solarwave Solar Water Heater



Hotel Star Inn, Pudu

10 units Solarwave Solar Water Heater



Budget Hotel – Puchong

12 units Solarwave Solar Water Heater



Pool Heating

Solarwave Solar Water Heater are being used for heating swimming pool's water for comfort



Budget Hotel – Kluang

13 units Solarwave Solar Water Heater



Waste Water Laundry Rescycling Plant in Brisbane, Australia



Epson's factory

8 units Solarwave Solar Water Heater



Waste Water Recycling Plant in Saudi Arabia



Special Installation 12

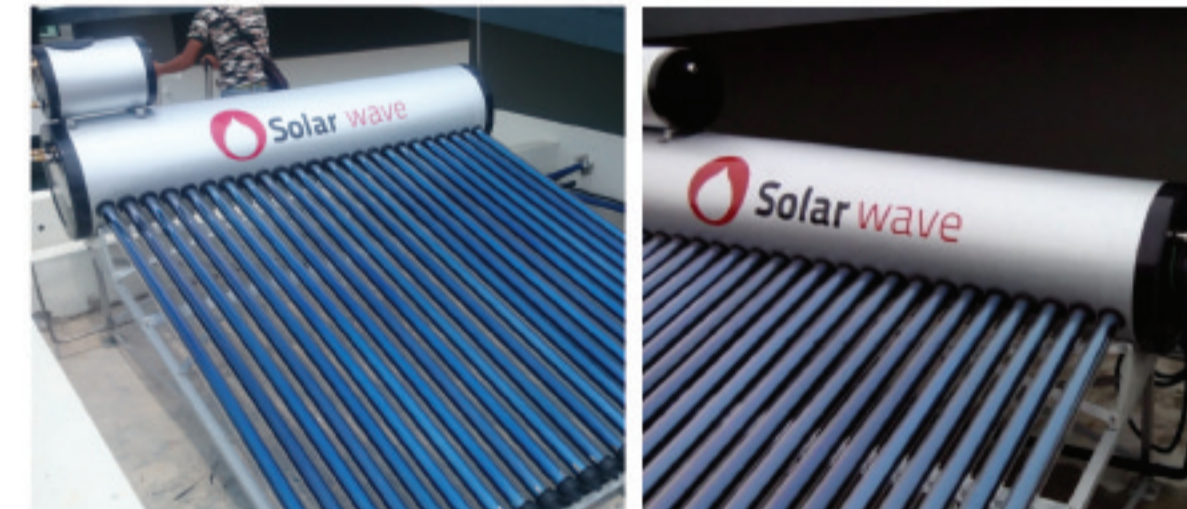
Project Highlight

We're proud with Hydro One's products have been selected and chosen by top developers for their prestigious projects.



Lakefiled @ Sungai Besi by YTL

285 units Solar Water Heater



Nusa Duta @ Johor Bahru by IJM Land

68 units Solar Water Heater

Tayton Harmoni @ Cheras by FAM Holdings

20 units Solar Water Heater



Project Gallery 13



Home Tree @ Kota Kemuning by BCB Berhad

108 units Solarwave Solar Water Heater



Dua Residence by OCR property

29 units Solarwave Solar Water Heater



Garden Residence @ Cyberjaya by Mah Sing



Kinrara Residence @ Puchong by Mah Sing



Ken Rimba @ Shah Alam by Ken Holdings

72 units Hydro One Fiberpool



Fields of Gold @ Rawang by Primarc Development

53 units Hydro One Fiberpool



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