

Solar Hot Water System



We're Here Today To Help You Save For Tomorrow

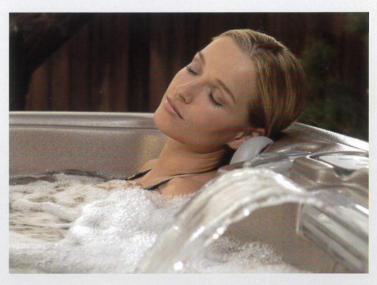




Pecol Solar Hot Water System is a proven system that has been manufactured and developed over the years by Pacific Engineering Sdn Bhd. Our latest solar hot water system is the result of extensive research and development which incorporates the most advanced technology from USA. The PECOL design team had created this modern, durable and high efficiency system that will blend beautifully with most housing styles to meet your hot water heating needs.

Environmentally friendly, reduces your carbon footprint.







Free hot water from the sun.

Enhanced energy retention.

Ultra fast heating.

Built to last.

Meets international quality and safety standard.

Reliable in house before and after sales services.

Reliable and efficient.

Air tight seal design.

Pollution free.

Manufacturer warranty.



Solar Hot Water System -

- Ultra Solid Frame
 - Premium grade material are used throughout the construction of every Pecol Solar Hot Water System.
- Ultra Fast Heating

Pecol solar water system has been precisely engineered to meet the need for constant hot water. It trap solar energy at a faster rate with its larger surface of area to allows better heat absorption.

Extra Energy Saving

Pecol crystal clear low iron tempered glass specially designed to allow the ultimate transmission of sunlight with negligible emission of heat directly onto the ultra black chromatic collector. The near 'Perfect Bank' UBC collector has an extra absorption power to deliver higher performance compared to any other collector.

Best Insulation

Pecol uses pressure injected high density polyurethane foam to restrict minimal heat lost to the atmosphere surrounding even at tremendous temperature difference.

Built to Last

Quality workmanship and quality material are pecol commitment. We assure high durability to give great value to your investment.

6 Hot Water All Year Round

Pecol comes with built in electrical backup for heating element for additional hot water needed during monsoon season efficiently maintain desired temperature anytime during rainy days.

Prolong Hot Water Temperature

Pecol has incorporated soft-flow water spreader to prevent make-up cold water from mixing freely with the heated water.

8 Pressure Solar Tank

Pecol's optimum water flow is designed to enable the right flow of hot water throughout your entire hot water plumbing system.

9 Tougher Protection

Pecols uses an UV treated air-light seal all around the side and goes all round the solar hot water tank to prevent rain water and other corrosive particles in the air seeping through.

10 State-Of-The-Art Design

The trendy and stylish slim like design is designed to blend into harmony of any roof profile.

Maintenance Free

Pecols has perfected the welds by using high technology robotic welding also to compressed seal by the quality brass fittings are used form preffered system.

12 Warranty

Pecols provide 10 years warranty after purchased.

Specification - Pecol Solar Hot Water System

Total Capacity 66 Gal Or 300 L
Overall Length 2439mm
Overall Width 2286mm
Overall Height 508mm
Outer Tank Diameter 508mm
Outer Tank Length 2296mm
Nominal Working Pressure 500kPa
Cylinder Test Pressure 1500kPa
Relief Valve Settings 700kPa
Weight Empty (Total) 128kg
Weight Full (Total) 432kg
Outer Cylinder Case Material Zincalume
Tank Insulation Polyurethane
Thermostat Sunvic

TANK INSULATION

A) Insulation Material Polyurethane
B) Method High Pressure
C) Weight 10kg (approx)

SOFT FLOW WATER SPREADER

A) Diameter 30mm
B) Length 1.6m
C) Material Specification Stainless Steel

TANK

A) Cylinder Body Length 2133mm
B) Cylinder Body End 64mm
C) Cylinder Diameter 410mm
D) Cylinder Material 1.5mm ss 304

COLLECTOR CASING

 A) Material
 Zincalume

 B) Thickness
 0.45mm

 C) Vent Holes
 2

 D) Trim Depth
 15mm

LOW IRON CLEAR TEMPERED GLASS

A) Thickness 4mm

B) Size 994mm x 1918mm C) Insulation Material Rockwool

COLLECTOR

1500kPa

OVERALL DIMENSIONS

S) Over Pressure Test

A) Overall Tank Length
B) Overall Length of System
C) Tank Height
D) Collector Length
E) End Cap Width
F) Collector Width (Single)
C) Collector Width (Complete)
H) Tank Width
J) Tank Height
J) Overall Length of System

2438mm
2438mm
2438mm
2438mm
2438mm
2438mm

END CAP

A) End Cap Seal Material EPDM Blend UV
Protected
B) End Cap Seal Width 13mm
C) End Cap Material 0.9mm Powder
Coated Steel
D) End Cap Width 41mm
F) End Cap Diameter 508mm



PECOL ENGINEERING SDN BHD (1189842-M) PACIFIC ENGINEERING SDN BHD (8073-K)

CIFIC ENGINEERING SDN BHD (8073-K)

Authorised Dealer

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