



SOLAR GEYSER PANELS

PRODUCT

CATALOGUE



Evacuated Tube Solar Geyser Panel

The Water Solar Company introduces Evacuated Tube Solar Geyser Panels, designed for energy efficiency and durability. The advanced technology ensures heat absorption in various climates, with easy installation and maintenance. These collectors are weather-resistant, offering energy savings and reducing carbon footprint for homes and businesses. Embrace renewable energy with this sustainable and cost-effective solution from The Water Solar Company.

Key Features

Vacuum Technology:

The evacuated tube design uses vacuum technology for excellent insulation, paired with selective absorptive coatings for high thermal output in all weather conditions.

Sleek Low-Profile Design:

The collectors have a sleek low-profile design for efficiency and aesthetics, minimizing visual impact and wind resistance.

Beautiful Finish:

High-quality finishing materials ensure a durable and beautiful appearance, lasting for years despite exposure to various elements.

Class Leading Efficiency:

The design prioritizes class-leading efficiency, with collectors designed for high thermal output over decades of operation.

Passive Solar Tracking:

with round absorber area for optimal thermal output throughout the day.

Freeze Resistance:

The collectors are designed to withstand harsh winter conditions in European winters with heat pipe technology and an antifreeze solution, operating trouble-free even at -40°C.

Superior Corrosion Resistance

The manufacturing process uses high-purity metals and quality finishes to enhance longevity by providing superior corrosion resistance.

Evacuated Tube Solar Geyser Panel 10 Tube

Number of Tubes: 10
Solar Geyser Size: 150L
Tubes Distance: 75mm
Dimensions (mm): 875 x 2000 x 110
Aperture Area: 0.93 m²
Absorber Area: 0.8 m²
Total Energy Rating: 4.17KWhr / m² /day
Net Weight: 34 kg
Pipe Connections: 22 mm
Pressure Resistance: 6 Bar
Freezing Tolerance: Minus 35 Degrees
Stagnation Temperature : 250 °C
Fluid Content: 0.67 L
Tile Angle Limited: 15 – 75 °C
Heat Transfer Medium: Water – Glycol Solution
Warranty: 10 years
Life Expectancy: > 25 Years

Evacuated Tube Solar Geyser Panel 15 Tube

Number of Tubes: 15
Solar Geyser Size: 200L
Tubes Distance: 75mm
Dimensions (mm): 1250 x 2000 x 110
Aperture Area: 1.39 m²
Absorber Area: 1.21 m²
Total Energy Rating: 4.17KWhr / m² /day
Net Weight: 52 kg
Pipe Connections: 22 mm
Pressure Resistance: 6 Bar
Freezing Tolerance: Minus 35 Degrees
Stagnation Temperature : 250 °C
Fluid Content: 0.98 L
Tile Angle Limited: 15 – 75 °C
Heat Transfer Medium Water – Glycol Solution
Warranty: 10 years
Life Expectancy: > 25 Years

Evacuated Tube Solar Geyser Panel 20 Tube

Number of Tubes: 20

Solar Geyser Size: 300L

Tubes Distance: 75mm

Dimensions (mm): 1625 x 2000 x 110

Aperture Area: 1.86 m²

Absorber Area: 1.62 m²

Total Energy Rating: 4.17KWhr / m² /day

Net Weight: 71 kg

Pipe Connections: 22 mm

Pressure Resistance: 6 Bar

Freezing Tolerance: Minus 35 Degrees

Stagnation Temperature : 250 °C

Fluid Content: 1.28 L

Tile Angle Limited: 15 – 75 °C

Heat Transfer Medium: Water – Glycol Solution

Warranty: 5 years

Life Expectancy: > 25 Years



Flat Plate Solar Collectors

The Water Solar Company introduces innovative Flat Plate Solar Collectors for eco-friendly energy solutions. These collectors maximize solar absorption efficiently, providing stable hot water supply year-round. With a sleek design, durability, and easy installation, they offer optimal energy savings and performance. Join the green revolution for a sustainable, energy-efficient home with The Water Solar Company's solar collectors.

Key Features

Trusted Distributor:

The Water Solar Company is positioned as a trusted distributor committed to excellence in design and efficiency in solar water heating panels.

Durability:

The collectors are built to withstand the test of time, with precision and attention to detail in the selection of every component to ensure optimal performance and maximum longevity.

Hail Resistance:

The flat plate collectors are hail-resistant with 3mm tempered glass that can withstand hailstones up to 35mm in diameter.

Freeze Protection:

Retro-fit systems in collectors have temperature controllers activating pumps at preset freeze protection temperatures to prevent freezing. A UPS backup is suggested for areas susceptible to frost or power outages.

Innovative Design:

The product is described as a result of an innovative approach that combines cutting-edge design with manufacturing expertise. The goal is to provide a product that excels in both performance and reliability

Proven Technology:

The Flat Plate Solar Collectors utilize the tried and tested technology of flat plate collectors, known for their efficiency and cost-effectiveness.

Specifications

Crafted from premium materials such as 3mm low iron, refractive, and tempered safety glass, 0.5mm Aluminium complex anodized selective coated absorber, copper headers and riser tubes, 35mm glass wool insulation, and profiled aluminum 'smart design' casing.



Flat Plate Solar Collector System Specifications (1.7m)

Cover Material: Tempered Glass

Guarantee: 10 years

Sensor Pocket: Built in sensor pocket

Material: Copper aluminium fin

Number Of Risers:6

Maximum Pressure: 400 kPA

Frame: 6063 Aluminium alloy

Frame Colour: Matt Black

Sealing Gasket: EPDM



Flat Plate Solar Collector System Specifications (2m)

Cover Material: Tempered Glass

Guarantee: 10 years

Sensor Pocket: Built in sensor pocket

Material: Copper aluminium fin

Number Of Risers:8

Maximum Pressure: 400 kPA

Frame: 6063 Aluminium alloy

Frame Colour: Matt Black

Sealing Gasket: EPDM

Flat Plate Solar Collector System Specifications (2.5m)

Cover Material: Tempered Glass

Guarantee: 10 years

Sensor Pocket: Built in sensor pocket

Material: Copper aluminium fin

Number Of Risers:10

Maximum Pressure: 400 kPA

Frame: 6063 Aluminium alloy

Frame Colour: Matt Black

Sealing Gasket: EPDM





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