



**Tomorrow's Warmth
Today's Innovation**





WHO WE ARE

"Termica solar is an Egyptian factory for solar water heaters in Egypt, established to meet the needs of the Egyptian market and increase export opportunities. In a short period, it has achieved a local component exceeding %70 with an ambitious plan to reach %90 by the end of 2025."





VISION

"To become the largest factory in the Middle East in terms of exports, efficiency, and price competitiveness."



MISSION

"Meeting local demand with a product that is no less efficient than the European product at prices lower by %20 to %30, and achieving environmental sustainability by reducing CO2 emissions."



STRATEGY

"Continuously providing diverse and advanced products in the field of solar heating."



OBJECTIVE

"Changing the customer's perception of local products in terms of quality, efficiency, and value for money."



APPROACH

To compete in quality with competitive price.



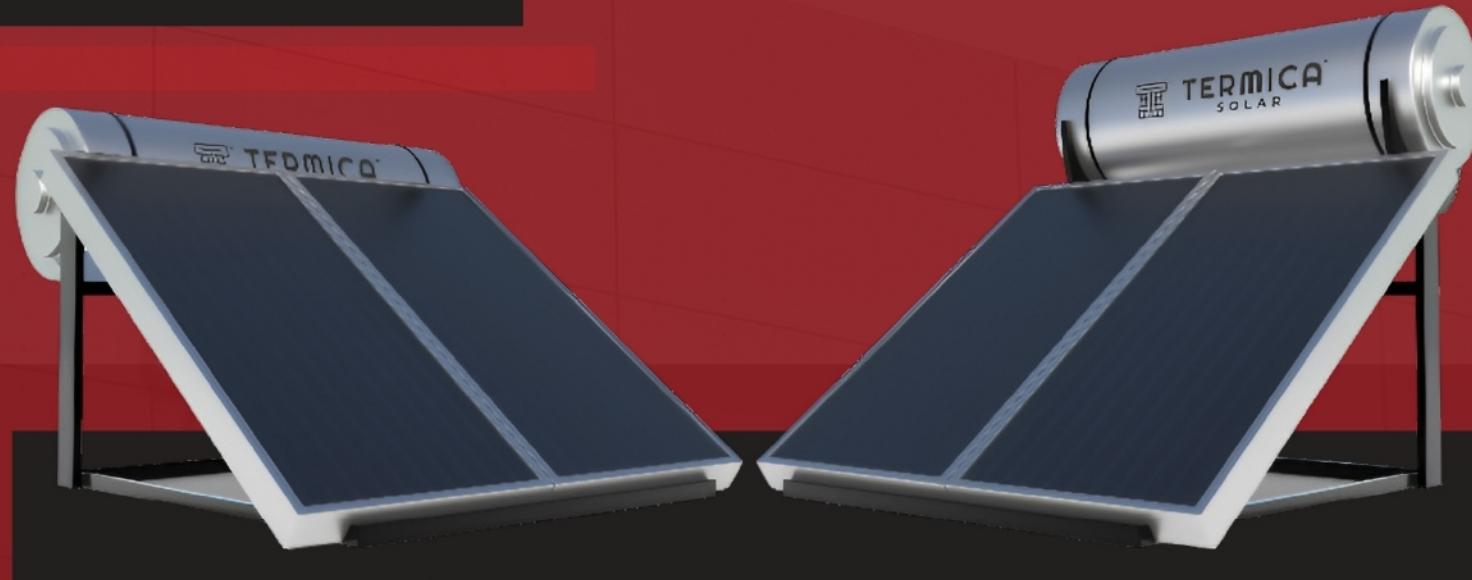
VALUE

"Availability of spare parts, maintenance, and after-sales service, eliminating the need to wait during import-related obstacles."





SOLAR WATER HEATER



ADVANTAGES :

- "Hot water at no less than 55 degrees Celsius throughout the day, all year round."
- "Modern design adds elegance to your home."
- "Savings on electricity and gas bills."
- "Up to a 20year lifespan."
- Complete avoidance of electric and gas heater risks

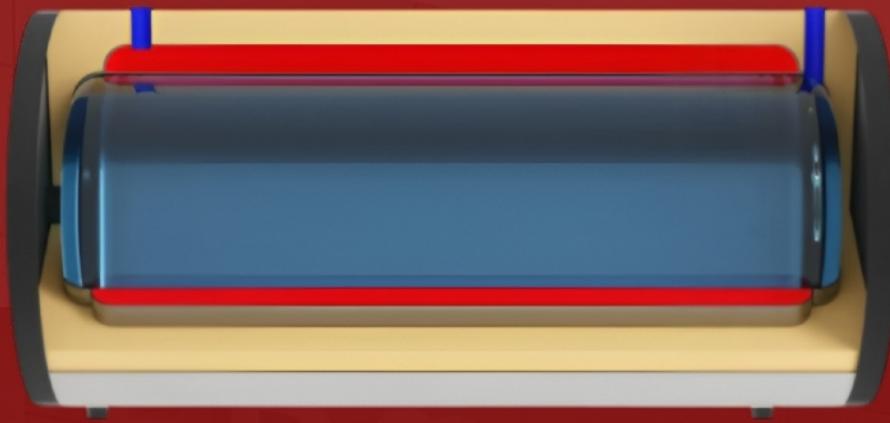


TANKS

 **TERMICA**TM
SOLAR

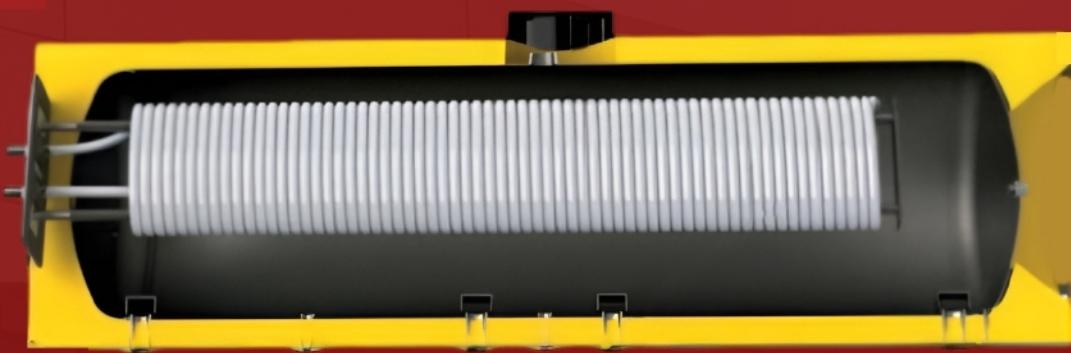


TANK SS DOUBLE JACKET



- 300 , 200 Lt closed circuit boiler production with an attractive design .
- Resistance to hard water with Magnusisuum anode rod .
- Health and hyginic water with ss foodgrade .
- 40 mm insulation with injected rigid polyurethane .
- Enhances the aesthetic appearance of the facility due to its distinctive and unique design.

SS TANK SS COIL



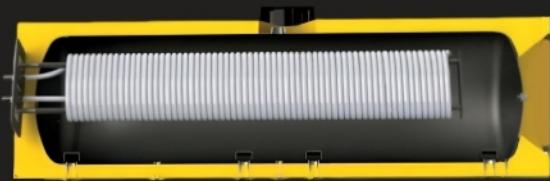
- Removable 316 L stainless steel exchanger.
- specifically designed for thermosiphon units.
- 300 , 200 Lt closed circuit boiler production with an attractive design .
- Resistance to hard water and no need magnesium rod.
- Health and hygienic water with ss foodgrade.
- 40 mm insulation with injected rigid polyurethane.
- Enhances the aesthetic appearance of the facility due to its distinctive and unique design.



SS COIL TANK

TECHNICAL SPECIFICATIONS

Model	Sct 200	Sct 300
Installation	Hortizontal	Hortizontal
Volume	200 Litre	300 Litre
Diameter (mm)	560	560
length	1500	1800
pressure	Primary 3 bar / Secondary 9 bar	
Inner Tank	Gulvanized steel 2.5 mm	
Coil	SS 316 L	
Outer tank	colour Electrostatic Gulvanized steel	
Insullation	injected rigid polyurrthane Thickness 40 mm Desnisty 42 kg/m3	
Tank protection	optional	





LUMINA
SERIES



COLLECTOR

 TERMICA™
SOLAR



LUMINA SERIES COLLECTOR

TECHNICAL SPECIFICATIONS

Model	Lumina 2000	Lumina 2500
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Collector Type

Flat plate Solar collector

Flat plate Solar collector

Gross Area

2m2

2.55 m2

Daimensions

80*1000*2000 mm

81*2170*1175 mm

weight

38 KG

42KG

Absorption

Blue Titanium

Blue Titanium

Welding Type

Ulturasonic welding

ultruasonic welding

case material

Aluminuim case

Aluminum case

pipe material

copper pipe

copper pipe

Head pipe

Φ 22 mm

Φ 18mm

Raiser pipe

Φ 8 mm

Φ 8 mm

Absorption rate

95%

Glass Material

3.2 low iron tempered glass

insullation

50 mm thickness glass wool

Connector

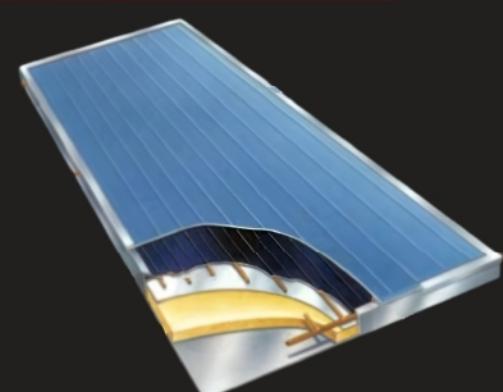
4/3 inch outer thread brass connectors 4pcs

Max operating pressure

9 bar

packing

full packing carton





ACCESSORIES



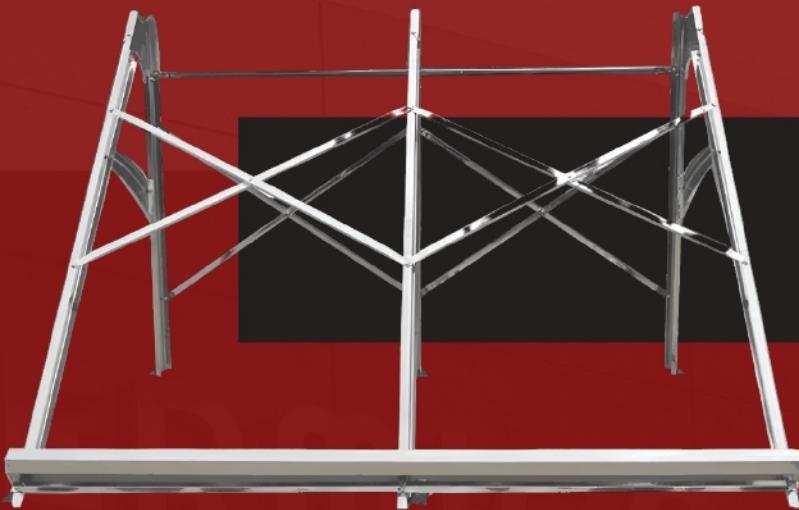
TERMICA™
SOLAR

ACCESSORIES

STEEL STRUCTURE



ADVANTAGES:



- Structure made with galvanized steel angles.
- Designed specifically to withstand weathering, salinity, and rust to provide a long lifespan.
- Designed for installation on both flat and pitched surfaces.

ACCESSORIES



3 bar safety valve male

"2/1 inch outer thread
YA15- model - AKE brand (heavy model, larger release)"



Thermosiphon check valve

"L shape brass connector
4/3 inch inner thread - 4/3 inch outer thread Flat collector connect to flexible pipe"



Thermostatic valve 8 bar

2/1 inch



Thermal relief valve

2/1 inch - 90 C - 8 bar AKE brand



silicon seal ring

"4/3 inch model,
suit to 2/1 inch inner thread
welding pipe
Silicone material"

ACCESSORIES

SAFETY PARTS



**decorate
ring**

"4/3 inch model,
suit to 2/1 inch
inner thread
welding pipe
TPE plastic
material"



**Magnesium
rod**

Diameter 20mm,
length 600mm &
800 mm. Brass
connector: 4/3 inch
outer thread



**Electrical heater
incoloy +800
thermostat**

4/1 1 inch
connector, SS316
material, 3KW
model, thermostat
range 80- $^{\circ}$ C30 $^{\circ}$ C



**flexible
stainless hose**

"DN4/3 - 16 inch
pipe
ID16-mm, OD -
20mm
SS316L material,
thickness 0.25mm
Offer unit per
meter"



**Flexible pipe
connection set**

"4/3 inch model,
Brass connector +
SS304 clip +
silicone washer
Offer unit per set"

ACCESSORIES

SAFETY PARTS



**Arma flex
insulation**

"EPDM material,
thickness 18mm,
Centre hole Dia.
22mm, suit to 4/3
inch flexible pipe
Offer unit PCS (1.8
meter/PCS)"



**PVC
tap**

PVC material, black
color Offer unit
Reel - around 30
meters



**"collectors coupling
- suit to outer
thread pipe"**

4/3 inch two end
inner thread, Brass
material with seal
ring



**"collectors cap
ending
- suit to outer
thread pipe"**

4/3 inch inner
thread stoper,
brass material with
seal ring



**pressure
reducer valve**

Size: 2/1 inch
model (DN15)
Double inner thread
Max. pressure:
PN16



THANKS



□ TANK SS DOUBLE JACKET

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length	1500	1800
pressure	Primary 3 bar / Secondary 9 bar	
Inner Tank	SS 1.5	
Jacket	SS 1.2 up to 1.5 mm	
Outer tank	colour Electrostatic Galvanized steel	
Insulation	injected rigid polyurthane Thickness 40 mm Desnisty 42 kg/m3	
Tank protection	Magnisium Rod	
Reboiler material	SS 304 L	

