



Tomorrow's Warmth
Today's Innovation



TERMICA™
SOLAR



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."



TERMICA

"With an experience exceeding 10 years, our team specializes in the installation and maintenance of all types of solar water heaters, managing a portfolio of over 3,000 solar heaters. This extensive experience has been instrumental in identifying potential product issues, selecting optimal materials for manufacturing, and utilizing machinery that contributes to achieving the highest quality and extending the lifespan of the heaters."





VISION

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



OBJECTIVE

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



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."



APPROACH

To compete in quality with competitive price.



STRATEGY

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



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



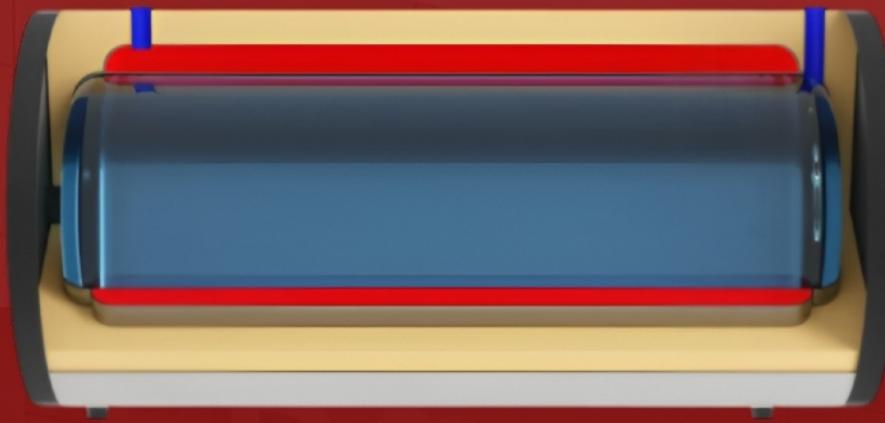
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 **TERMICA**TM
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TANKS



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 COIL TANK



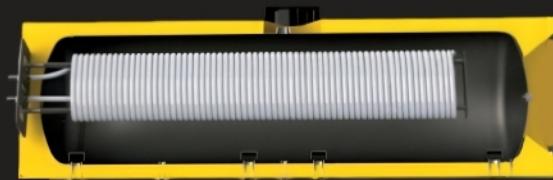
- Removable 316 L stainless steel exchanger. specifically designed for themosiphon units.
- 300 , 200 Lt closed circuit boiler production with an attractive design .
- Resistance to hard water and no need magnesium rod.
- Health and hygienic water with ss foodgrade.
- 40 mm insulation with injected rigid 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



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

Dimensions

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

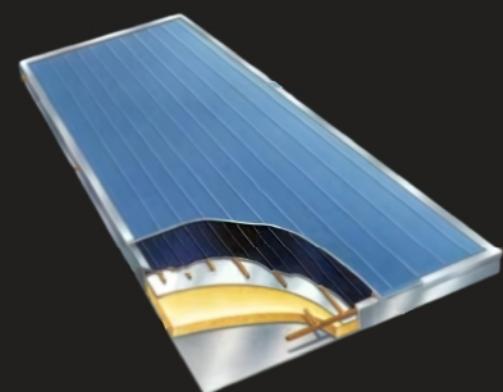
4/3 inch outer thread brass connectors 4pcs

Max operating pressure

9 bar

packing

full packing carton





ACCESSORIES

 **TERMICA**TM
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)"



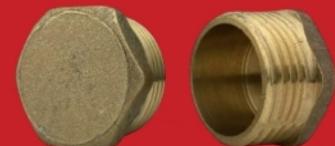
PVC tap

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

TECHNICAL SPECIFICATIONS

Model	SDJ 200	SDJ 300
Installation	Horizontal	Horizontal
Volume	200 Litre	300 Litre
Diameter (mm)	560	560
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 polyurethane Thickness 40 mm Density 42 kg/m3	
Tank protection	Magnesium Rod	
Reboiler material	SS 304 L	

