

# PANAREA LOW SYSTEM

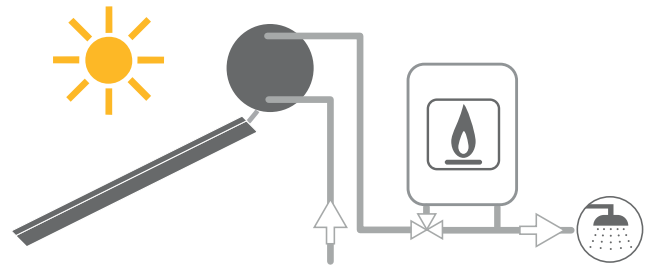
THERMOSIPHON SOLAR SYSTEM FOR DOMESTIC HOT WATER PRODUCTION



NEW



**INVISIBLE**  
LOW VISUAL IMPACT



The Solar Thermal System **PANAREA LOW** is the most practical and economic solution, due to its reliability and because of an easy and quick installation.

### SOLAR COLLECTOR

- Insulation in mineral wool
- Anodized aluminum structure
- Highly selective absorber
- Impact test according to EN 12975 and EN 9806
- Tempered glass according to EN 12150
- Certified by Dubai Municipality

### CALORIFIER

- **INTERKA POLYWARM® FOR PANAREA** with capacity from 150 to 300 lt
- Mild steel
- Internal Polywarm coating, suitable for drinking water according to 98/83/CE and subsequent amendments and DHW certification of internal Polywarm treatment DHW - SSICA - DVGW -W270 - UBA - WRAS
- Double walled heat exchanger
- High thermal insulation with ecological polyurethane hard foam and steel external lining, upper top and flange cover in steel.

- Fixing kit for flat roof rapid mounting galvanized according to UNI EN 1179 (99,9 % PURE ZINC)

### ACCESSORIES

See accessories section

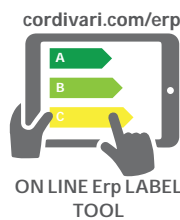
### WARRANTY

5 years - See general sales and warranty conditions

### ACCESSORIES ON REQUEST



Heating element

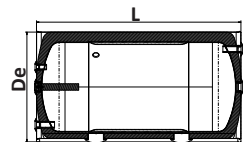


ON LINE ErP LABEL TOOL

ALWAYS ASK FOR CERTIFIED LABORATORIES DATA RESULTS

**CORDIVARI Lab**

TUV Rheinland Energie und Umwelt GmbH states that test procedures and Cordivari LAB are certified conforming to European standard EN 15332, as indicated by EArt. Nr.sign ErP Directive.



### SYSTEM COMPONENTS

### INCLUDED

Highly selective solar collector	✓
INTERKA POLYWARM® FOR PANAREA calorifier	✓
Magnesium Anode	✓
Security valve and check valve	✓
Non-toxic heat transfer fluid	✓
Fittings	✓
Fixing kit for flat or pitched roofs	✓

### INTERKA POLYWARM® FOR PANAREA

ENERGY EFFICIENCY CLASS

MODEL	L	De	TESTED ErP
	[mm]		
<b>150</b>	1040	550	<b>C</b>
<b>200</b>	1300	550	<b>C</b>
<b>300</b>	1839	550	<b>C</b>

For more information and technical data of the calorifiers and buffer tanks please refer to the Cordivari Calorifiers and buffer tanks catalogue.



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FLAT ROOF

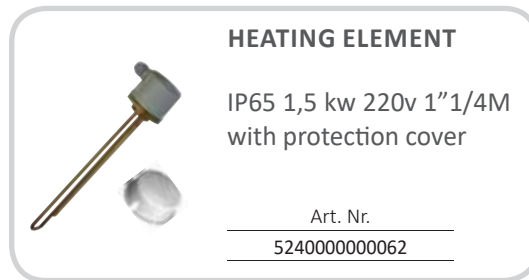
DOUBLE WALL TANK:  
**INTERKA POLYWARM®**

Calorifier model	Nr. Collectors x surface sqm	Total surface sqm	Recommended nr. of people	Description/ Art. Nr.
<b>150</b>	1x2	2	1-3 <sup>(*)</sup>	150/2 TP
				3410316603164
<b>200</b>	1x2,5	2,5	3-4 <sup>(*)</sup>	200/2,5 TP
				3410316603165
<b>200</b>	2x2	4	4-5	200/4 TP
				3410316603166
<b>300</b>	2x2	4	5-6 <sup>(*)</sup>	300/4 TP
				3410316603167
<b>300</b>	2x2,5	5	5-6	300/5 TP
				3410316603168

<sup>(\*)</sup>Systems designed for use in areas with high annual sun irradiation more than **1600 Kw/h m<sup>2</sup>**.



**ELECTRIC HEATER COVER**

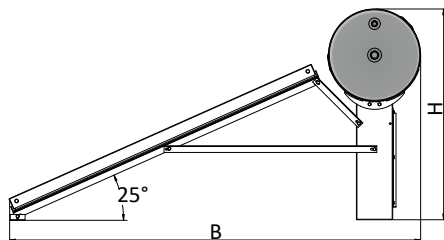
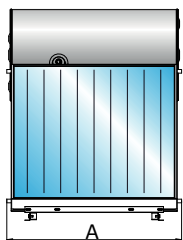


**HEATING ELEMENT**

IP65 1,5 kw 220v 1"1/4M  
with protection cover

Art. Nr.

5240000000062



Solar collectors surface [sqm]	<b>2</b>	<b>2,5</b>	<b>4</b>	<b>4</b>	<b>5</b>
Solar tank capacity [lt]	150	200	200	300	300
Inclination $\alpha$	fixed at 25°C				
Width A [mt]	1,1	1,3	2,2	2,2	2,6
Length B [mt]	2,49	2,49	2,49	2,49	2,49
Height H [mt]	1,27	1,27	1,27	1,27	1,27

STRATOS®

STRATOS® SYSTEMS

THERMOSIPHON SYSTEMS

FORCED CIRCULATION SYSTEMS

COLLECTORS AND ACCESSORIES

TECHNICAL SUPPORT