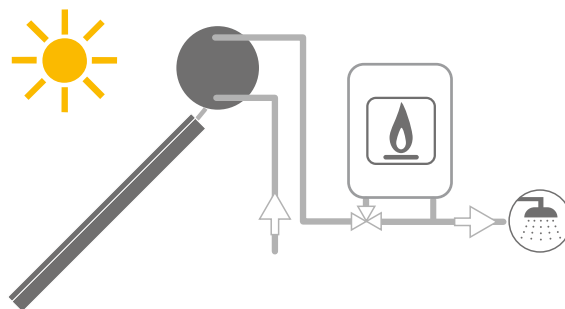


PANAREA SYSTEM

SOLAR THERMAL SYSTEMS WITH NATURAL CIRCULATION FOR DOMESTIC HOT WATER PRODUCTION



NEW ASAK XT HIGH-EFFICIENCY COLLECTORS



Natural gravity circulation System **PANAREA** for DHW production. The system is made of a DHW tank combined with Flat Solar Collector treated with high selective absorber material. Fixing kit included for installation on flat roof

COLLECTORS

- Rockwool insulation
- Anodized Aluminium Frame
- High Selective Absorber
- Tempered Glass – Anti-Ice rain with Impact resistant according to **EN 12975 / ISO 9806** (impact resistance through the use of a steel ball weighing 150g, maximum drop height of fall 2 metres).
- **UNI EN 12975** Compliant

DHW TANK

- Rockwool insulation
- Anodized Aluminium Frame
- High Selective Absorber
- Tempered Glass – Anti-Ice rain with Impact resistant according to **EN 12976 / ISO 9806** (impact resistance through the use of a steel ball weighing 150g, maximum drop height of fall 2 metres).
- **UNI EN 12975** Compliant

ACCESSORIES

See accessories section

WARRANTY

See general conditions of sale and warranty

ACCESSORIES ON REQUEST



Kit for electrical integration



Safety valve TP 1/2" M



Heat Manager Smart Controller

For more information see accessories section.

SYSTEM COMPONENTS

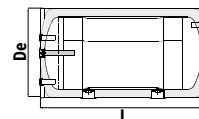
INCLUDED

Highly selective solar collector	✓
DHW INTERKA TANK Polywarm® coated and external rigid cover with special anticorrosive treatment	✓
Magnesium Anode	✓
Security valve and check valve	✓
Non-toxic heat transfer fluid	✓
Fittings	✓
Universal fixing kit for both flat surfaces (40° inclination) and pitched roofs	✓

ALWAYS ASK FOR CERTIFIED LABORATORIES DATA RESULTS

CORDIVARI Lab

TÜV 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.



INTERKA SOLARE PANAREA

ENERGY EFFICIENCY CLASS

Model	De	L	ErP
	[mm]		
150	550	1026	B
200	550	1286	B
300	550	1840	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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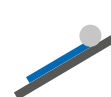
Type of calorifier:
**INTERKA PANAREA
POLYWARM®**



FLAT ROOF



2 SYSTEMS PACK



FLAT ROOF



2 SYSTEMS PACK

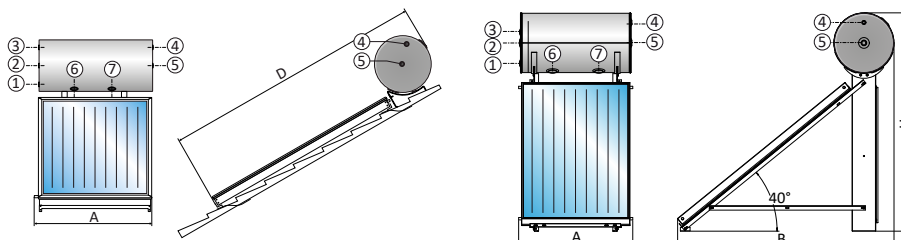
Model	Nr. of capturing tubes	Total surface area [m²]	Nr. Recommended users	Description/Art. Nr.	Description/Art. Nr.	Description/Art. Nr.	Description/Art. Nr.
150	1x2	2	1-3	150/2 TP 3410316603116	150/2 TP 3410316603133	150/2 TF 3410316603090	150/2 TF 3410316603122
200	1x2	2	3-4(*)	200/2 TP 3410316603117	200/2 TP 3410316603134	200/2 TF 3410316603091	200/2 TF 3410316603123
200	1x2,7	2,7	3-4	200/2,7 TP 3410316603184	200/2,7 TP 3410316603192	200/2,7 TF 3410316603180	200/2,7 TF 3410316603188
200	2x2	4	4-5	200/4 TP 3410316603118	200/4 TP 3410316603135	200/4 TF 3410316603092	200/4 TF 3410316603124
300	2x2	4	5-6(*)	300/4 TP 3410316603119	300/4 TP 3410316603136	300/4 TF 3410316603093	300/4 TF 3410316603125
300	2x2,5	5	5-6	300/5 TP 3410316603120	300/5 TP 3410316603137	300/5 TF 3410316603094	300/5 TF 3410316603126
300	1x2,7	5,4	5-6	300/5,4 TP 3410316603187	300/5,4 TP 3410316603193	300/5,4 TF 3410316603181	300/5,4 TF 3410316603189
300	3x2	6	6-7	300/6 TP 3410316603121	300/6 TP 3410316603138	300/6 TF 3410316603095	300/6 TF 3410316603127

(*) Systems designed for use in areas with high annual sun irradiation more than 1600 Kw/h m²

DIMENSIONS OF COLLECTOR STRINGS

LEGEND

- 1 Sanitary water inlet
- 2 Magnesium anode
- 3 Connection for Instrumentation
- 4 DHW outlet
- 5 Electric heater (not included)
- 6 Solar collectors connection
- 7 Solar collectors connection



Solar collectors surface [m²]	2	2	2,7	4	4	5	5,4	6
Solar tank capacity [liters]	150	200	200	200	300	300	300	300
Width A [mt]	1,1	1,1	1,4	2,2	2,2	2,6	2,7	3,2
Length B [mt]	1,98	1,98	2,21	1,98	1,98	1,98	2,21	1,98
Height H [mt]	2,01	2,01	2,01	2,01	2,01	2,01	2,01	2,01
Dimensions on the roof D [mt]	2,66	2,66	2,82	2,66	2,66	2,66	2,82	2,66
Angle (α)	40	40	35	40	40	40	35	40

