

# SPARE PARTS AND ACCESSORIES FOR COMPACT SOLAR THERMAL

## ACCESSORIES FOR STRATOS® 4S

### COVERING SYSTEM FOR STRATOS® 4S HC / ROTOSHIELD® / HS



Cover for Stratos® 4S protection. Essential to protect the system in case it would be drained, during periods it is not working or after the installation before starting to work.

#### STRATOS® 4SHC/ ROTOSHIELD®

Model	Art. nr.
<b>120</b>	5775000000017
<b>180</b>	5775000000018
<b>210</b>	5775000000020

#### STRATOS® 4SHS

Model	Art. nr.
<b>160</b>	5775000000041
<b>210</b>	5775000000042
<b>260</b>	5775000000043
<b>300</b>	5775000000044

### HEATING CABLE



The heating cable guarantees a great protection against freezing and avoids possible damages at the pipes or fittings caused by low temperatures in installations in those environments subject to risks of ice. This accessory is made of a heating cable with constant power of 10W/m (220 V), including the thermostat and cable with Schuko plug.

Lenght	Watt	Art. nr.
3 mt	30	5240000005003
6 mt	60	5240000005004

### 3/4" PRESSURE ADAPTOR



The pressure reduction is an essential device to reduce and stabilise the incoming pressure from the water supply network for a correct use of the domestic installation as well as of the related devices.

Art. nr.
5046000000042

### 3/4" SAFETY GROUP



The safety group has to be used for DHW storage protection. The product is made of several components which have the following functions:

- safety against overpressure
- anti-pollution, so to avoid the hot water to return back to the public network
- interception, allowing to seal the supply network for control and maintenance of other devices.

The installation of such device is mandatory as per the existing law. Cordivari safety group is certified according to the European law EN 1487 requirements.

Art. nr.
5760000001002

### SOLAR STORAGE-TO-BOILER THERMOSTATIC CONNECTION KIT – 5-WAY VALVE



The solar storage-to-boiler connection kits automatically control and optimize the thermal energy contained in the solar water storage, ensuring that domestic hot water is distributed throughout the system at a controlled optimum temperature. They ensure that users always receive hot water at the set temperature and switch the boiler on if the temperature of the water coming from the solar storage falls below the set point.

These compact kits are designed for quick and easy installation in both new and existing systems. Complete with:

- Thermostatic diverter valve
- Anti-scald thermostatic mixing valve

Art. nr.
5765000000514

### HEAT MANAGER - SMART CONTROLLER WITH TEMPERATURE PROBE



The Smart Controller Wi-Fi HEAT MANAGER enables remote management through smartphone of devices such as electric heaters. Thanks to the app available for IOS and Android, it is possible to manage, to set and to monitor the electric heaters of the calorifiers or of compact systems, by setting the temperature and the operating time slots. The device HEAT MANAGER works with Wi-Fi networks at 2,4 GHz. Main Features: Relay max 230V 16 A Wi-Fi 2,4 GHz; protection grade IP20. The measuring temperature range is from -55°C to +125°, with temperature range adjustable -55°C +100°C.

#### CORDIVARI HEAT MANAGER WITH 3 METERS PROBE

Art. nr.
5755280000031

#### 10 METERS PROBE FOR CORDIVARI HEAT MANAGER

Art. nr.
5221000000104

[www.cordivariheatmanager.com](http://www.cordivariheatmanager.com)

# SPARE PARTS AND ACCESSORIES FOR COMPACT SOLAR THERMAL

## ACCESSORIES FOR STRATOS® DR

### ELECTRICAL IMMERSION KIT IP65

Monophase Electrical heating as 1500W integration, set-point at 50°C, protection class IP65, safety thermostat manual reset



Art. nr.	Tension Volt	Output [W]	Set-point temperature [°C]	Connection Gas M
5240000000061	220 V MONO PHASE	1500	50	1"1/4

### ANTI-FREEZE ELECTRICAL IMMERSION KIT IP65

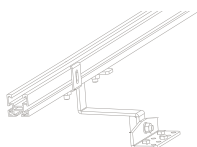
Anti-Freeze Electrical heating of 200W, set-point at 4°C, protection class IP65, it allows Stratos® DR system protection against freezing. It starts working when the Temperatures inside the storage falls below 4°C. If the environment temperature drops below -5°C, the system has to be drained and accurately protected following the user manual



Art. nr.	Tension Volt	Output [W]	Set-point temperature [°C]	Connection Gas M
5240000000060	220 V MONO PHASE	200	4	1/2"

### SUSPENDED FIXING KIT FOR PITCHED ROOFS

Suspended fixing kit for pitched roofs. It allows to direct the weight of the system to the roof framework instead to the roof



Art. nr.
5770001100885

### STAINLESS STEEL PIT FOR TEMPERATURE PROBE WITH WATERTIGHT CABLE CLAMP

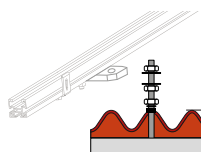
Stainless steel pit with 1/2" M thread, provided with watertight cable clamp for temperature probes to be mounted on solar collectors



Art. nr.
5775000000021
Kit of 3 pcs

### INSULATED ROOF FIXING KIT

Fixing kit for insulated pitched roofs. It allows to mount the system on the roof, crossing the insulation without causing burden or damages



Art. nr.
5770001100886

### 30° SUPPORT KIT FOR STRATOS® DR

Support system for flat surfaces with 30° fixed inclination. Suitable to maximize the solar radiation as well as the output with low temperatures, especially during summer



Model	Art. nr.
<b>110/150</b>	5770001100906
<b>180/220/260</b>	5770001100902

### PVC PROTECTION COVER

Cover for STRATOS® DR protection. Essential to protect the system in case it would be drained, during periods it is not working or after the installation before starting to work.



Model	Art. nr.
<b>110</b>	5775000000030
<b>150</b>	5775000000031
<b>180</b>	5775000000032
<b>220</b>	5775000000033
<b>260</b>	5775000000034



# ACCESSORIES AND SPARE PARTS FOR NATURAL CIRCULATION SYSTEMS

## ACCESSORIES AND SPARE PARTS PANAREA

### PROTECTIVE COVER IN PVC



Cover and protection sheet for solar collectors. Indispensable to protect the system if it is emptied, in periods of inactivity, or in the post-installation phase, before commissioning

Model	Art. Nr.
<b>SOLAR COLLECTOR 2 MQ</b>	5775000000035
<b>SOLAR COLLECTOR 2,5 MQ</b>	5775000000036

### MAGNESIUM ANODE 3/4"

Sacrificial magnesium anode with 3/4" connection suitable for cathodic protection of the solar Interka tank. Essential to protect the tank also from possible corrosions and stray currents.



For more information see the Cordivari CALORIFIERS catalogue.

ART. NR.	INTERKA PANAREA [litri]	[mm]
5200000041008	150	32x200
5200000041009	200-300	32x400

For INTERKA POLYWARM®. Kit of 2 pcs.

### PRIMARY SAFETY VALVE

Safety valve for the primary circuit of the solar systems with thermosiphon circulation. Connections of 1/2" M and 1/2" F and calibration at 2,5 bar. This safety device is indispensable to avoid the overpressure of the primary circuit of the solar systems with thermosiphon circulation.



Art. Nr.
5775000000010

1/2" M x 1/2" F (calibrated at 2,5 bar)  
Package of 5 pc.

### SAFETY VALVE TP 1/2" M

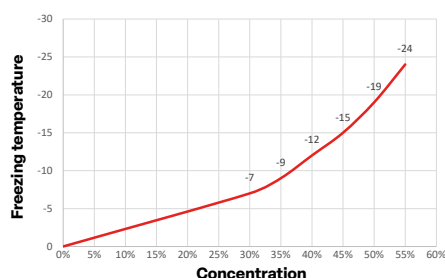
The safety valve TP combines the temperature and pressure control of the DHW storage tank. The safety device protects the solar systems with thermosiphon circulation from the excessive raising of one or the two factors in case of non-levy for long periods in situations of strong sun irradiation.



Art. Nr.
5302000000020

### CONCENTRATED HEAT TRANSFER FLUID

Non-toxic biodegradable heat transfer fluid, propylene glycol-based. It is indicated for thermosiphon systems, it is safe thanks to its composition suitable for food applications, it also protects the primary circuit against corrosion as well as deposits and foams development. Concentrated fluid to be diluted



Art. Nr.	Package KG
5000500000004	<b>10</b>
5000500000006	<b>5</b>

### ELECTRIC IMMERSION HEATERS

Monophase electric heater of 1500 watt with IP65 protection level, complete with protection cover against dirt, dust and UV rays. Useful as integration in systems with thermosiphon circulation. Connection of 1" 1/4, manual reset, indicated for Interka solar tank.



Art. Nr.
5240000000073

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

# ACCESSORIES AND SPARE PARTS FOR FORCED CIRCULATION SYSTEMS

## PROTECTIVE COVER IN PVC



Cover and protection sheet for solar collectors. Indispensable to protect the system if it is emptied, in periods of inactivity, or in the post-installation phase, before commissioning. Suitable for both vertical and horizontal versions.

Model

Art. Nr.

**SOLAR COLLECTOR 2,5 MQ** 5775000000036

## PROBES FOR BASIC CONTROL UNIT

Probes kit for BASIC control unit. The kit includes 2 temperature probes for the tank + 1 temperature probe for solar panel.



Art. Nr.

5755280000022

## PROBES FOR PROFESSIONAL CONTROL UNIT

Kit of 4 replacement probes suitable for PROFESSIONAL control unit



Art. Nr.

5755280000023

## SHIELDED CABLE

Electrical cable to extend the temperature probe length. This cable allows to extend the length of the different probes to the control unit, avoiding the signal loss. Cable 2x1mm.



Art. Nr.

5220000000021

Length 20 mt

## JUNCTION BOX

In-wall junction box to easily and quickly connect the temperature probes cables thanks to the terminal block and the cables seal included



Art. Nr.

5775000000003

5 pcs box

## OVERVOLTAGE PROTECTION

The junction box includes a power surge protection device. This accessory is essential to guarantee the solar control unit protection and safety against power surge or electrical discharges caused by lightning



Art. Nr.

5775000000004

2 pcs box



# ACCESSORIES AND SPARE PARTS FOR FORCED CIRCULATION SYSTEMS

## ELECTRIC IMMERSION HEATERS

Electrical heating can be used as integration on calorifiers and tanks, stainless steel heaters, protection class min IP44, supplied with thermostat, safety thermostat with manual reset and 2 mt of electrical cable wired and without plug.



For more information see the Cordivari CALORIFIERS catalogue.

Art. Nr.	Tension	Power	Lenght L	Connection R
	Volt	[Kw]	[mm]	Gas M
5240000000051	220 V MONOPHASE	1,5	320	
5240000000052		2	320	1"1/2
5240000000053		3	320	

## 24L EXPANSION VESSEL KIT

Expansion vessel kit 1x24 lt consisting of:  
Expansion vessel - Flexible pipe, fixing bracket and fittings



Liters	Art. Nr.
24	5765000000101

## EXPANSION VESSEL KIT SOLAR

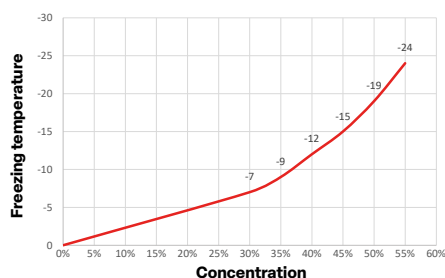
The kit includes:  
- expansion vessel - flexible pipe and fittings



Liters	System Dimension	Art. Nr.
50	for systems with solar collector surface from 12.5 to 25 m <sup>2</sup>	5765000000104
80	for systems with solar collector surface 30 m <sup>2</sup>	5765000000105
100	for systems with solar collector surface from 37.5 to 45 m <sup>2</sup>	5765000000106
200	for systems with solar collector surface from 45 to 50 m <sup>2</sup>	5765000000107

## CONCENTRATED HEAT TRANSFER FLUID

Non-toxic biodegradable heat transfer fluid, propylene glycol-based. It is indicated for thermosiphon systems, it is safe thanks to its composition suitable for food applications, it also protects the primary circuit against corrosion as well as deposits and foams development. Concentrated fluid to be diluted



Art. Nr.	Package KG
5000500000004	10
5000500000006	5

# ACCESSORIES AND SPARE PARTS FOR FORCED CIRCULATION SYSTEMS

## CASE WITH MEASUREMENT AND PARAMETERS CHECK TOOLS FOR THERMAL SOLAR SYSTEM

Components: pressure gauge, test jar, refractometer, pH test strips, digital multimeter, monitoring and warning labels, compass, distilled water and tools



Art. Nr.

576500000401

## SOLAR COLLECTORS REFILLING SYSTEM

The kit is made of:

- cart with 30 L can
- self-priming pump (230V - Pmax 5,9 bar)
- Heat resistant pipe (from -40°C to +60°C)



Art. Nr.

5765000001001

## FLOW REGULATOR

Flow regulator for circulation groups



Art. Nr.

Flow rate  
Lt/min

5046000000035 2 ÷ 12

5046000000036 20 ÷ 70

5046000000037 8 ÷ 28

5046000000038 8 ÷ 38

## STRAIGHT TRANSITION FITTING

Copper tube / corrugated steel tube

Welded fitting, essential for connecting copper pipes to the corrugated stainless steel flexible tube in the primary circuit.

The fitting features a male thread with a flat stop.



Art. Nr.

Type

5775000000012 Ø 22 - 3/4"

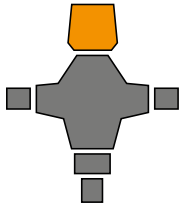
2 pcs box



# ACCESSORIES AND SPARE PARTS FOR FORCED CIRCULATION SYSTEMS

## THERMOSTATIC MIXING VALVE

Thermostatic mixing valve for solar systems



Art. Nr.	Connections
5750000000001	3/4"
5750000000003	1"

## THERMOSTATIC SWITCH VALVE

Auto-operated thermostatic switch valve, calibrated at 45°C. It can easily integrate solar thermal systems for DHW production with a boiler.



Art. Nr.	Connection size
5046000000007	3/4"
5046000000008	1"

## BALANCING VALVE WITH FLOWMETER

The balancing valve for hydraulic primary circuit can settle the flow rate on single collectors rows in order to get the correct flow on every string of solar collectors with the purpose of an optimal thermal exchange. This accessory made in brass allows the flow regulation and direct control thanks to the graduated flow meter and the magnetic flow indicator.



Art. Nr.
5046000000023

## MOTORIZED 3-WAY VALVE

Motorized 3-Way Valve - Pmax 10 bar, Tmax 110°C, IP40, 1" F connections, with insulation.



Art. Nr.	Connection size
5046000000050	1"

## PRE-INSULATED PIPE EXTENSION KIT



Art. Nr.	Connection	Diameter Ø [mm]
5775000000005	3/4"	16
5775000000006	1"	20

# ACCESSORIES AND SPARE PARTS FOR FORCED CIRCULATION SYSTEMS

## SOCKETS FOR TEMPERATURE PROBE ON SOLAR COLLECTORS

Nickel plated copper probe socket with male 1/2" thread to add temperature probes in solar collectors, sealing cable clamp included.



Art. Nr.

5775000000001

3 pcs box

## COPPER SOCKET FOR PROBE

Copper probe socket with male 1/2" thread to add temperature probes in tanks.



Art. Nr.

5775000000001

5 pcs box

## MANUAL AIR VENT

Manual air vent for solar systems (1/2" M connection)



Art. Nr.

5775000000002

5 pcs box

## PRE-INSULATED PIPE

Flexible AISI 316L stainless steel corrugated pipe, with 13mm EPDM insulation at high efficiency, with protection against UV finishing. The pre-insulated pipe integrates the silicone sensor cable for temperature probe. This accessory is useful to easily and quickly create the connections of solar primary circuit.



Art. Nr.	Lenght [mt]	Diameter Ø [mm]
5768000010001	10	16
5768000010002	15	16
5768000010003	10	20
5768000010004	15	20





# ACCESSORIES AND SPARE PARTS FOR FORCED CIRCULATION SYSTEMS

## 2.5 MQ COLLECTOR FITTINGS KIT

- 1 x 1/2" brass cross fitting F/F/F/F
- 2 x compression fitting with metallic sleeve Ø 22 Dir.F/1/2" Male thread
- 1 x 1/2 M manual air vent
- 1 x 1/2" well probe H 150 with cable clamp and silicone gasket



FITTINGSKIT SUITABLE FOR SYSTEM WITH:	Art. Nr.	Components
<b>1x1 Collector</b>	576500000202	<ul style="list-style-type: none"> <li>• 1 Compression fitting with metallic sleeve Ø 22 Dir.F/1/2" Male thread</li> <li>• 2 X bulb in sheath stop spring</li> <li>• 2 X socket probe 1/2" gas connection 10x11.85</li> </ul>
<b>1x2 Collectors</b>	576500000203	<ul style="list-style-type: none"> <li>• 2 Compression fitting with metallic sleeve Ø 22 Dir.F/1/2" Male thread</li> <li>• 2 X bulb in sheath stop spring</li> <li>• 2 X socket probe 1/2" gas connection 10x11.85</li> </ul>
<b>1x3 Collectors</b>	576500000211	<ul style="list-style-type: none"> <li>• 3 Compression fitting with metallic sleeve Ø 22 Dir.F/1/2" Male thread</li> <li>• 2 X bulb in sheath stop spring</li> <li>• 2 X socket probe 1/2" gas connection 10x11.85</li> </ul>
<b>2x2 Collectors</b>	576500000216	<ul style="list-style-type: none"> <li>• 5 Compression fitting with metallic sleeve Ø 22 Dir.F/1/2" Male thread</li> <li>• 2 X bulb in sheath stop spring</li> <li>• 2 X socket probe 1/2" gas connection 10x11.85</li> </ul>
<b>1x5 Collectors</b>		
<b>1x4 Collectors</b>	576500000221	<ul style="list-style-type: none"> <li>• 4 Compression fitting with metallic sleeve Ø 22 Dir.F/1/2" Male thread</li> <li>• 3 X bulb in sheath stop spring</li> <li>• 3 X socket probe 1/2" gas connection 10x11.85</li> </ul>
<b>2x3 Collectors</b>	576500000311	<ul style="list-style-type: none"> <li>• 7 Compression fitting with metallic sleeve Ø 22 Dir.F/1/2" Male thread</li> <li>• 2 X bulb in sheath stop spring</li> <li>• 2 X socket probe 1/2" gas connection 10x11.85</li> </ul>
<b>2x4 Collectors</b>	576500000231	<ul style="list-style-type: none"> <li>• 9 Compression fitting with metallic sleeve Ø 22 Dir.F/1/2" Male thread</li> <li>• 3 X bulb in sheath stop spring</li> <li>• 3 X socket probe 1/2" gas connection 10x11.85</li> </ul>
<b>2x5 Collectors</b>	576500000321	<ul style="list-style-type: none"> <li>• 11 Compression fitting with metallic sleeve Ø 22 Dir.F/1/2" Male thread</li> <li>• 2 X bulb in sheath stop spring</li> <li>• 2 X socket probe 1/2" gas connection 10x11.85</li> </ul>

## 2.7 MQ COLLECTOR FITTINGS KIT

- 1 Brass cross 1/2' F/F/F
- 1 Probe thermowell at.1/2' H.150 C/wire cable + Silicon gasket
- 1 Vent 1/2'
- 2 Ogive connector 22-1/2' F/M
- 3 Ogive connector 22-22
- 2 Ogive 22 cap
- 2 Sump. Kettle
- 2 Springs



<b>1x1 Collectors</b>	5765000001050	<ul style="list-style-type: none"> <li>- 1 Brass cross 1/2' F/F/F</li> <li>- 1 Thermowell for probes at.1/2' H.150 C/wire cable + Silicon gasket</li> <li>- 1 Vent 1/2'</li> <li>- 2 Ogive connector 22-1/2' F/M</li> </ul>	<ul style="list-style-type: none"> <li>- 3 Ogive connector 22-22</li> <li>- 2 Ogive 22 cap</li> <li>- 2 Sump. Kettle</li> <li>- 2 Springs</li> </ul>
<b>1x2 Collectors</b>	5765000001051	<ul style="list-style-type: none"> <li>- 1 Brass cross 1/2' F/F/F</li> <li>- 1 Thermowell for probes at.1/2' H.150 C/wire cable + Silicon gasket</li> <li>- 1 Vent 1/2'</li> <li>- 2 Ogive connector 22-1/2' F/M</li> </ul>	<ul style="list-style-type: none"> <li>- 3 Ogive connector 22-22</li> <li>- 2 Ogive 22 cap</li> <li>- 2 Sump. Kettle</li> <li>- 2 Springs</li> </ul>
<b>1x3 Collectors</b>	5765000001052	<ul style="list-style-type: none"> <li>- 1 Brass cross 1/2' F/F/F</li> <li>- 1 Thermowell for probes at.1/2' H.150 C/wire cable + Silicon gasket</li> <li>- 1 Vent 1/2'</li> <li>- 2 Ogive connector 22-1/2' F/M</li> </ul>	<ul style="list-style-type: none"> <li>- 5 Ogive connector 22-22</li> <li>- 2 Ogive 22 cap</li> <li>- 2 Sump. Kettle</li> <li>- 2 Springs</li> </ul>
<b>1x4 Collectors</b>	5765000001053	<ul style="list-style-type: none"> <li>- 1 Brass cross 1/2' F/F/F</li> <li>- 1 Thermowell for probes at.1/2' H.150 C/wire cable + Silicon gasket</li> <li>- 1 Vent 1/2'</li> <li>- 2 Ogive connector 22-1/2' F/M</li> </ul>	<ul style="list-style-type: none"> <li>- 7 Ogive connector 22-22</li> <li>- 2 Ogive 22 cap</li> <li>- 2 Sump. Kettle</li> <li>- 2 Springs</li> </ul>
<b>1x5 Collectors</b>	5765000001054	<ul style="list-style-type: none"> <li>- 1 Brass cross 1/2' F/F/F</li> <li>- 1 Thermowell for probes at.1/2' H.150 C/wire cable + Silicon gasket</li> <li>- 1 Vent 1/2'</li> <li>- 2 Ogive connector 22-1/2' F/M</li> </ul>	<ul style="list-style-type: none"> <li>- 3 Ogive connector 22-22</li> <li>- 2 Ogive 22 cap</li> <li>- 2 Sump. Kettle</li> <li>- 2 Springs</li> </ul>
<b>1x6 Collectors</b>	5765000001055	<ul style="list-style-type: none"> <li>- 1 Brass cross 1/2' F/F/F</li> <li>- 1 Thermowell for probes at.1/2' H.150 C/wire cable + Silicon gasket</li> <li>- 1 Vent 1/2'</li> <li>- 2 Ogive connector 22-1/2' F/M</li> </ul>	<ul style="list-style-type: none"> <li>- 9 Ogive connector 22-22</li> <li>- 4 Ogive plug 22</li> <li>- 2 Well Kettle</li> <li>- 2 Springs</li> </ul>
<b>1x8 Collectors</b>	5765000001056	<ul style="list-style-type: none"> <li>- 1 Brass cross 1/2' F/F/F</li> <li>- 1 Thermowell for probes at.1/2' H.150 C/wire cable + Silicon gasket</li> <li>- 1 Vent 1/2'</li> <li>- 2 Ogive connector 22-1/2' F/M</li> </ul>	<ul style="list-style-type: none"> <li>- 11 Ogive connector 22-22</li> <li>- 4 Ogive plug 22</li> <li>- 2 Well Kettle</li> <li>- 2 Spring</li> </ul>
<b>1x10 Collectors</b>	5765000001057	<ul style="list-style-type: none"> <li>- 1 Brass cross 1/2' F/F/F</li> <li>- 1 Thermowell for probes at.1/2' H.150 C/wire cable + Silicon gasket</li> <li>- 1 Vent 1/2'</li> <li>- 2 Ogive connector 22-1/2' F/M</li> </ul>	<ul style="list-style-type: none"> <li>- 15 Ogive connector 22-22</li> <li>- 4 Ogive plug 22</li> <li>- 2 Well Kettle</li> <li>- 2 Spring</li> </ul>