

# SPARE PARTS AND ACCESSORIES FOR COMPACT SOLAR THERMAL

## ACCESSORIES FOR STRATOS® 4S

### STRATOS® 4S HEAT CONTROL / ROTOSHIELD® COVERING



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.

MODEL	ART. NR.
120	5775000000017
180	5775000000018

### 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.

LENGTH	WATT	ART. NR.
3	30	524000005003
6	60	524000005004

### 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.
5765000000518

### 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		10 METERS PROBE FOR CORDIVARI HEAT MANAGER	
ART. NR.	5755280000031	ART. NR.	522100000104

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

### ANTI-FREEZE ELECTRICAL IMMERSION KIT IP65

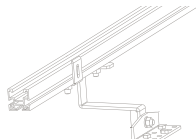
Anti-Freeze Electrical heating of 200W, set-point at 4°C, protection class IP65, it allows Stratos® DR system protection against freezing. It starts working when the Temperatures inside the storage falls below 4°C. If the environment temperature drops below -5°C, the system has to be drained and accurately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



ART. NR.	Tension	Output	Set-point temperature	Connection
	Volt	[W]	[°C]	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

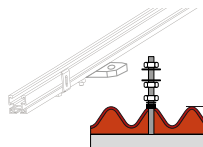
Stainless steel pit with 1/2" M thread, provided with watertight cable clamp for temperature probes to be mounted on solar collectors.



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.
110/150	5770001100906
180/220/260	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.
110	5775000000030
150	5775000000031
180	5775000000032
220	5775000000033
260	5775000000034

# ACCESSORIES AND SPARE PARTS FOR THERMOSIPHON SYSTEMS

## SPARE PARTS AND ACCESSORIES FOR PANAREA - NATURAL EVO CVT

### 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.
SOLAR COLLECTOR 2 MQ	5775000000035
SOLAR COLLECTOR 2,5 MQ	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 corrossions and stray currents.



For the complete range and prices of calorifiers please refer to our calorifier and buffer tanks catalogue.

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

For INTERKA POLYWARM®. Kit of 3 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

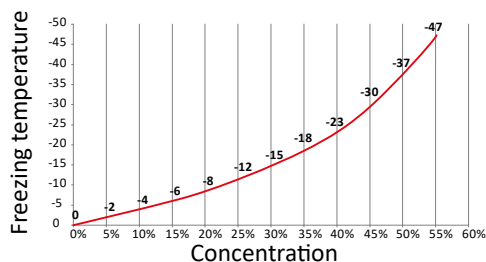
The safety valve TP combines the temperature and pressure control of the DHW storage tank. The safety device protects the solar systems with thermosiphon circulation from the excessive raising of one or the two factors in case of non-levy for long periods in situations of strong sun irradiation.



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	10
5000500000006	5

### HEATING ELEMENT

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.  
5240000000062

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.



MODEL	ART. NR.
SOLAR COLLECTOR 2 MQ	5775000000035
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

Probes kit for PROFESSIONAL control unit. The kit includes 3 temperature probes for the tank + 2 temperature probe for solar panel.



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

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SYSTEMS

COLLECTORS AND  
ACCESSORIES

TECHNICAL  
SUPPORT

# ACCESSORIES AND SPARE PARTS FOR FORCED CIRCULATION SYSTEMS

## ELECTRICAL IMMERSIONS KIT

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.



ART. NR.	Tension	Output	Lenght L	Connection R
	Volt	[Kw]	[mm]	Gas M
5240000000051	220 V MONO PHASE	1,5	320	
5240000000052		2	320	1"1/2
5240000000053		3	320	



For the complete range and prices of calorifiers please refer to our calorifier and buffer tanks catalogue.

## 24L EXPANSION VESSEL KIT

The kit includes:

- expansion vessel - flexible pipe, fixing bracket and fittings



LITERS	ART. NR.
24	5765000000101

## EXPANSION VESSEL KIT

The kit includes:

- expansion vessel - flexible pipe and fittings

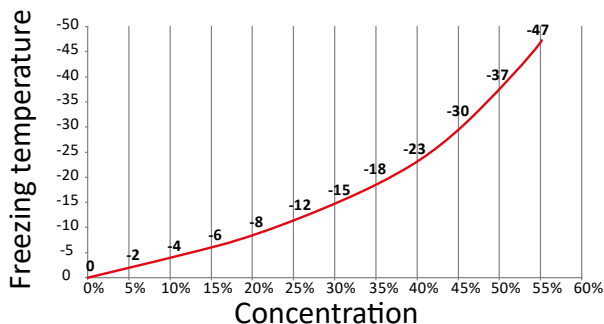


LITERS	ART. NR.
50	5765000000104
80	5765000000105
100	5765000000106
200	5765000000107

# ACCESSORIES AND SPARE PARTS FOR FORCED CIRCULATION SYSTEMS

## 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

## 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.
5765000000401

## 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

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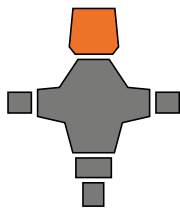
COLLECTORS AND ACCESSORIES

TECHNICAL SUPPORT

# ACCESSORIES AND SPARE PARTS FOR FORCED CIRCULATION SYSTEMS

## THERMOSTATIC MIXING VALVE

Thermostatic mixing valve for solar systems.



CONNECTIONS	ART. NR.
3/4"	5750000000001
1"	5750000000003

## 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.	Connections
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

# ACCESSORIES AND SPARE PARTS FOR FORCED CIRCULATION SYSTEMS

## PRE-INSULATED PIPE EXTENSION KIT



ART. NR.	Connection	Diameter $\varnothing$ [mm]
5775000000005	3/4"	16
5775000000006	1"	20

2 pcs box

## FLOW REGULATOR

Flow regulator for circulation groups.



FLOW RATE lt/min	ART. NR.
2 ÷ 12	5046000000035
20 ÷ 70 /V15	5046000000036
8 ÷ 28	5046000000037
8 ÷ 38	5046000000038

## 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 $\varnothing$ [mm]
5768000010001	10	16
5768000010002	15	16
5768000010003	10	20
5768000010004	15	20

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# ACCESSORIES AND SPARE PARTS FOR FORCED CIRCULATION SYSTEMS

## SOCKETS FOR TEMPERATURE PROBE ON SOLAR COLLECTORS

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



ART. NR.

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5775000000001

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Kit of 3 pcs.

## COPPER SOCKET FOR PROBE

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



ART. NR.

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5775000000011

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5 pcs box

## MANUAL AIR VENT

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



ART. NR.

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5775000000002

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5 pcs box

# ACCESSORIES AND SPARE PARTS FOR FORCED CIRCULATION SYSTEMS

## FITTINGS KIT

- 1 x 1/2" brass cross fitting F/F/F/F
- 2 x compression fitting with metallic sleeve  $\varnothing$  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



FITTINGS KIT SUITABLE FOR SYSTEM WITH:	Art. Nr.	COMPONENTS
<b>1X1 COLLECTOR</b>	5765000000202	<ul style="list-style-type: none"> <li>• 4 Brass reinforcing ring for copper pipe 22x1,0</li> <li>• 1 Compression fitting with metallic sleeve <math>\varnothing</math> 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 l.85</li> </ul>
<b>1X2 COLLECTORS</b>	5765000000203	<ul style="list-style-type: none"> <li>• 6 Brass reinforcing ring for copper pipe 22x1,0</li> <li>• 2 Compression fitting with metallic sleeve <math>\varnothing</math> 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 l.85</li> </ul>
<b>1X3 COLLECTORS</b>	5765000000211	<ul style="list-style-type: none"> <li>• 8 Brass reinforcing ring for copper pipe 22x1,0</li> <li>• 3 Compression fitting with metallic sleeve <math>\varnothing</math> 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 l.85</li> </ul>
<b>2X2 COLLECTORS</b>	5765000000216	<ul style="list-style-type: none"> <li>• 12 Brass reinforcing ring for copper pipe 22x1,0</li> <li>• 5 Compression fitting with metallic sleeve <math>\varnothing</math> 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 l.85</li> </ul>
<b>1X4 COLLECTORS</b>	5765000000221	<ul style="list-style-type: none"> <li>• 10 Brass reinforcing ring for copper pipe 22x1,0</li> <li>• 4 Compression fitting with metallic sleeve <math>\varnothing</math> 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 l.85</li> </ul>
<b>1X5 COLLECTORS</b>	5765000000306	<ul style="list-style-type: none"> <li>• 12 Brass reinforcing ring for copper pipe 22x1,0</li> <li>• 5 Compression fitting with metallic sleeve <math>\varnothing</math> 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 l.85</li> </ul>
<b>2X3 COLLECTORS</b>	5765000000311	<ul style="list-style-type: none"> <li>• 16 Brass reinforcing ring for copper pipe 22x1,0</li> <li>• 7 Compression fitting with metallic sleeve <math>\varnothing</math> 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 l.85</li> </ul>
<b>2X4 COLLECTORS</b>	5765000000231	<ul style="list-style-type: none"> <li>• 20 Brass reinforcing ring for copper pipe 22x1,0</li> <li>• 9 Compression fitting with metallic sleeve <math>\varnothing</math> 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 l.85</li> </ul>
<b>2X5 COLLECTORS</b>	5765000000321	<ul style="list-style-type: none"> <li>• 24 Brass reinforcing ring for copper pipe 22x1,0</li> <li>• 11 Compression fitting with metallic sleeve <math>\varnothing</math> 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 l.85</li> </ul>