

# SOLAR STATIONS

## SOLAR STATIONS FOR LARGE SYSTEMS FROM 150 M<sup>2</sup> TO 600 M<sup>2</sup> (CASCADE CONNECTION)

Cascadable solar stations for large systems in ready-to-install modular design, from 150 m<sup>2</sup> to 600 m<sup>2</sup>, consisting of basic module SG-GM 150H and expansion module SG-EM 150H. The modules are preassembled, insulated and premounted on 2" pipe manifolds.

### BASIC MODULE 150 M<sup>2</sup>, TYPE SG-GM 150H

#### Product description

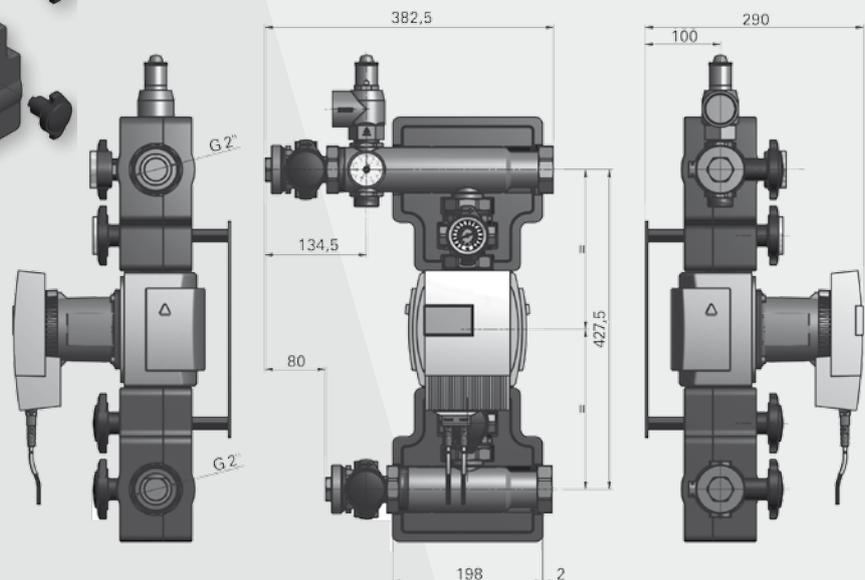
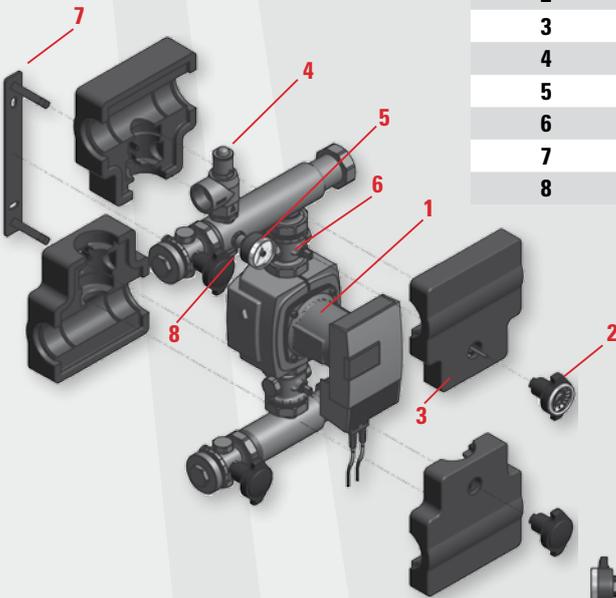
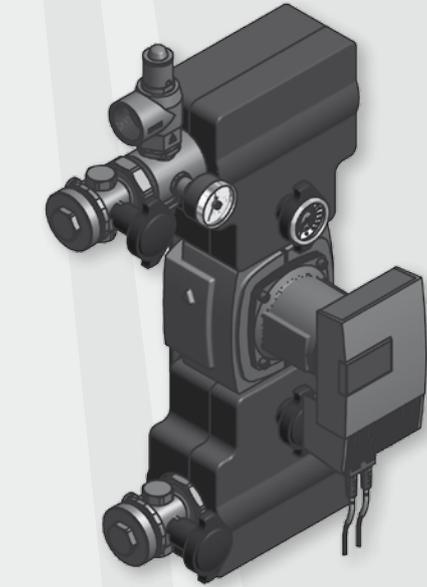
Single-line solar station, consisting of Stratos PARA 30/1-12 circulation pump, modular cascade pipe manifold, safety group with pressure gauge, solar pressure relief valve and connection for solar expansion tank, multi-functional isolation valve with thermometer and integrated metal gravity brake (adjustable by 45° setting of thermometer control), KFE valve on the pump suction side, filling and flushing connections with cylinder feed and drain cock, connection points with solar flat seals, 3-part EPP heat insulation jacket, wall bracket.

#### Specifications

Item no.	1510568
Pump	Stratos PARA 30/1-12
Pipe size	2"
Safety group	10 bar
Pressure relief valve connection	1"
Solar expansion tank connection	1"
Ball valve incl. gravity brake	2"
Thermometer	0-160°C
Filling and flushing connections	2"

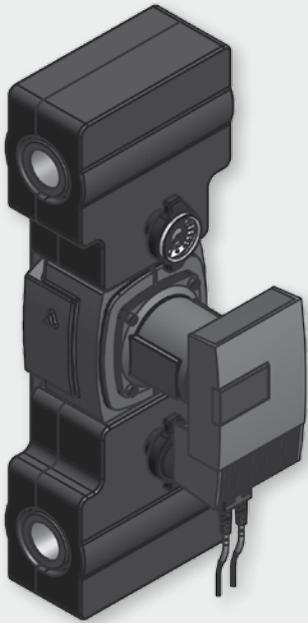
#### Parts list

1	Stratos PARA 30/1-12
2	Thermometer 0-160°C (incl.handle)
3	EPP insulation jacket
4	10 bar pressure relief valve
5	Pressure gauge, 0-10 bar
6	2" ball valve incl. handle
7	Wall bracket
8	Connection for expansion tank



**Note:** Installation of a gravity brake in the forward line is recommended to prevent reverse circulation!

## EXPANSION MODULE 150 M<sup>2</sup> TYPE SG-EM 150 H



### Solar station expansion module SG-EM 150H, for approx. 150 m<sup>2</sup> collector surface area

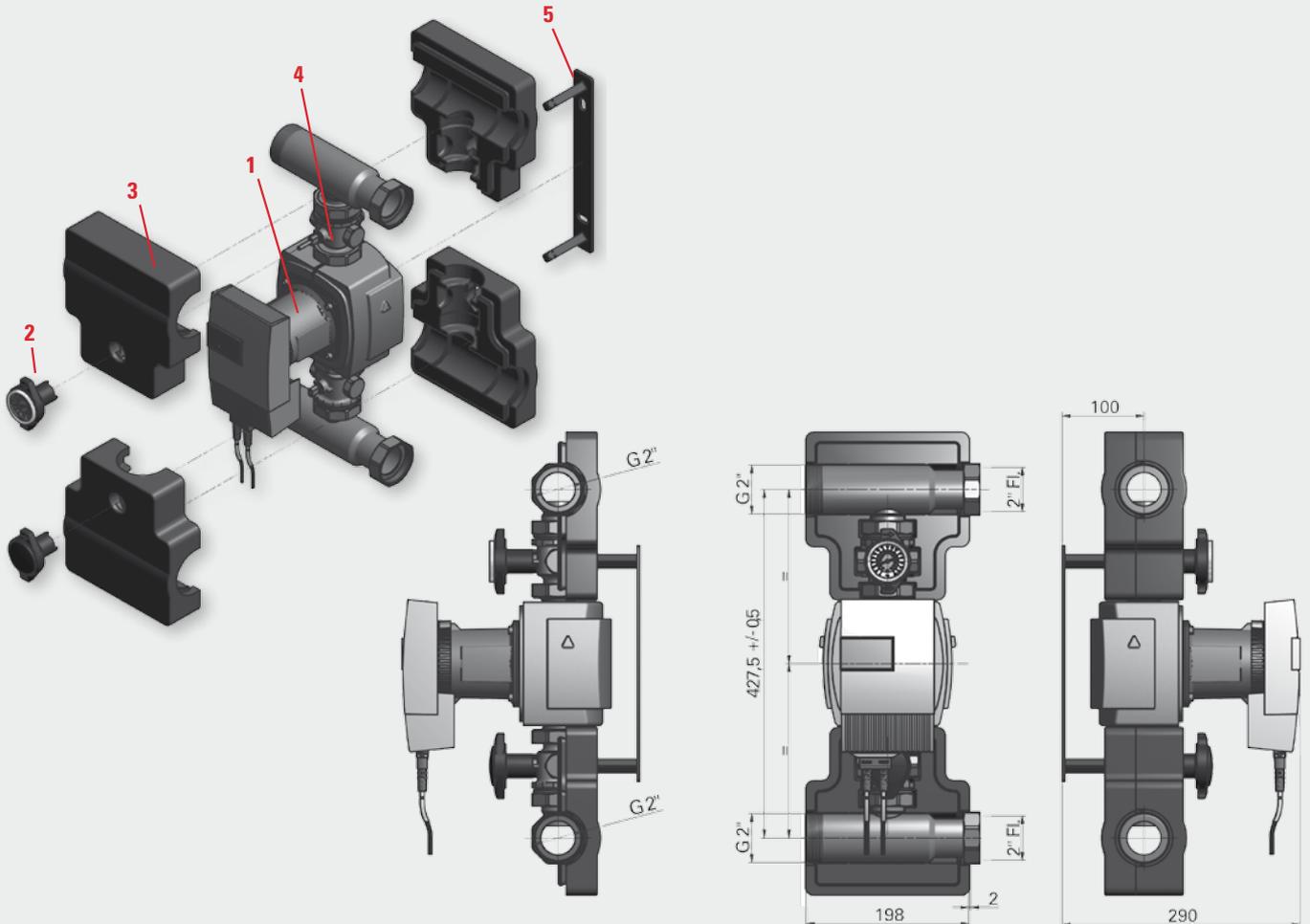
Single-line solar station, consisting of Stratos PARA 30/1-12 circulation pump, modular cascade pipe manifold, multi-functional isolation valve with thermometer and integrated metal gravity brake (adjustable by 45° setting of thermometer control), cylinder feed and drain cock on the pump suction side, connection points with solar flat seals, 3-part EPP heat insulation jacket, wall bracket.

### Specifications

Item no.	1510569
Pump	Stratos PARA 30/1-12
Pipe size	2"
Ball valve incl. gravity brake	2"
Thermometer	0-160°C
Filling and flushing connections	2"

### Parts list

1	Stratos PARA 30/1-12
2	Thermometer 0-160°C (incl. handle)
3	EPP insulation jacket
4	2" ball valve
5	Wall bracket



**Note:** Up to 3 expansion modules can be connected to the basic module. A further expansion module can be added in case of extremely high pressure losses. The expansion module can also be used as secondary pump group (tank charging unit). Order solar control unit, power relay and sensor module separately.