

Greenskies Solar Lifestyle

Step-by-step installer guide



Solar. Simple. Sorted.

Whatever the shape and size of your customer's home, Greenskies Solar Lifestyle provides a flexible, reliable, alternative solution for heating and hot water.

In this guide, you'll learn how to easily configure and customise the right system for your customer. Always consult the system specifications and, if necessary, seek professional assistance with installation.

Technical data

Model		Greenskies Solar Lifestyle Portrait
Part number		8 718 530 950
Dimensions	Length	2017mm
	Width	1175mm
	Height	87mm
Gross collector area		2.37m ²
Aperture area		2.25m ²
Absorber area		2.18m ²
Weight (empty)		40kg
Zero loss efficiency, η_0		72%
a1		3.52 W/m ² k
a2		0.013 W/m ² k
Stagnation temperature		210°C
Max. operation pressure		6 bar
Nominal flow rate		50 litres/hour



Step 1: Choose the number of collectors

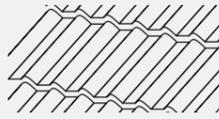
To start, select the number of collectors you'll need using the table below.

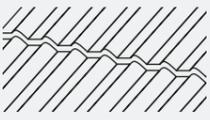
Solar system parts list specification							
Image	Description	Part number	Quantity required				
	Solar-Lifestyle Portrait collector	8 718 530 950	1	2	3	4	5

Step 2: Choose the correct parts for the roof type

Use the table in Step 1 to determine the parts and quantities required for Step 2. The column colour relates to the next step, so follow your required colour downwards to see what you need.

For example, 1x collector for an 'On Roof' project will also require 1x ICD on-roof rail 1st collector, 1x ICD plain/pan tile roof hook set, and 1x connection set on-roof.

On roof							
Image	Description	Part number	Quantity required				
 Rails	ICD on-roof rail 1st collector	8 718 531 017	1	1	1	1	1
	ICD on-roof rail additional collector	8 718 531 018	-	1	2	3	4
 Plain / pan tile roof	ICD plain tile roof hook set	8 718 531 023	1	2	3	4	5
-	Connection set on-roof	8 718 531 445	1	1	1	1	1

In roof							
Image	Description	Part number	Quantity required				
 Pantile flashing	ICD portrait 1 collector in-roof flashing	8 718 530 980	1	-	-	-	-
	ICD portrait 2 collector in-roof flashing	8 718 532 910	-	1	1	1	1
	ICD portrait 1 collector extension in-roof flashing	8 718 532 911	-	-	1	2	3
-	Connection set in-roof	8 718 531 446	1	1	1	1	1

Why choose the Greenskies Solar Lifestyle?



Efficiency

Solar Keymark certified with one of the lowest a1 coefficients available



Reliable

Offer 10 years peace of mind with our decade-long guarantee*



Low maintenance

Only requires an annual service for a lifespan of up to 20 years



Supported

We'll help you design the system and provide tech support throughout



Easy

Compact, lightweight and compatible with most boilers and heat pumps

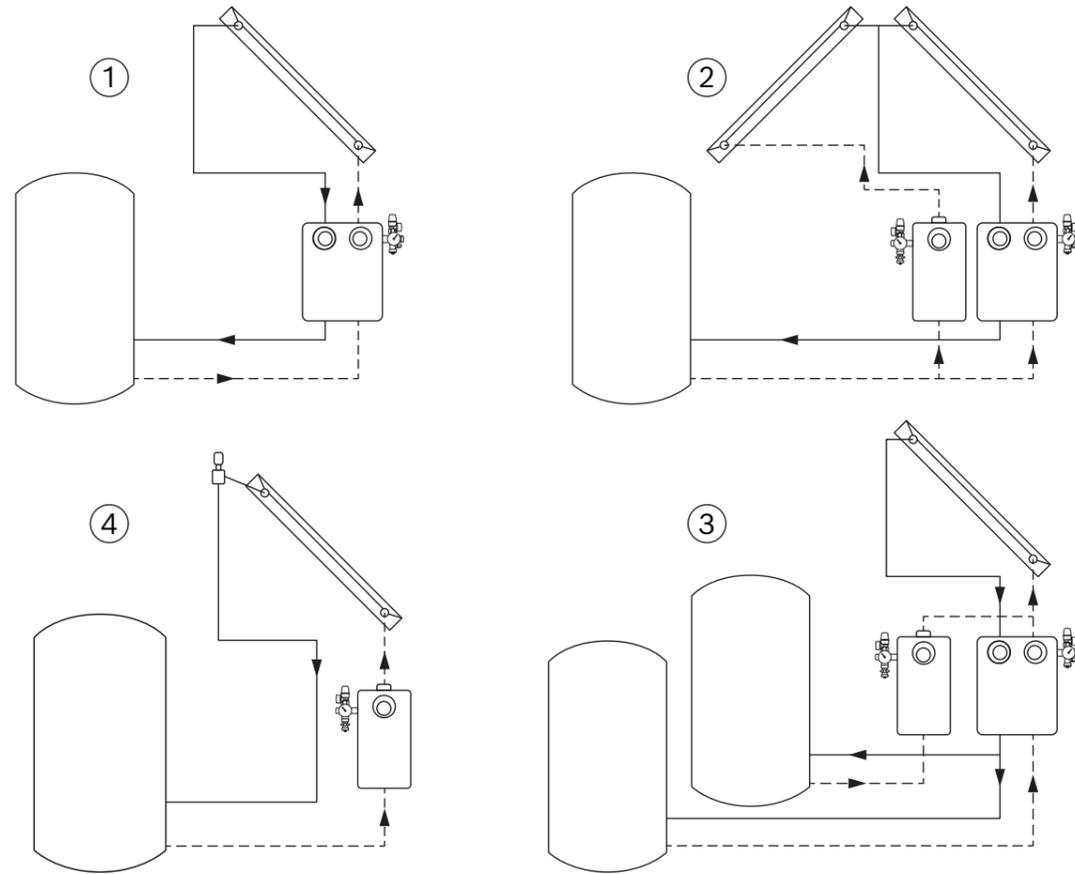


Flexible

A great addition to your customer's home heating system

Step 3: Choose your pump configuration

The pumps you need will depend on the system type. There are four different configurations, as shown below.

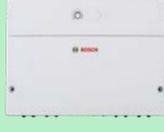


Pump configuration			
	Image	Configuration	Part number
1		Standard system with twin-line solar pump station	AGS10-2 Twin Pump station 7 735 600 065
2		Two collector arrays (e.g. east/west) with single and twin-line solar pump stations*	AGS10E-2 Single Pump station 7 735 600 066 AGS10-2 Twin Pump station 7 735 600 065
3		2-consumer system with single and twin-line solar pump stations*	AGS10E-2 Single Pump station 7 735 600 066 AGS10-2 Twin Pump station 7 735 600 065
4		Standard system with single-line solar pump station and air vent on roof	AGS10E-2 Single Pump station 7 735 600 066

*Pump configurations 2 and 3 can only be operated with the addition of the MS200 control.

Step 4: Choose your accessories

Whatever your customer's home and existing system setup, you're likely to need additional accessories.

Accessories		
Image	Description	Part number
	Solar Glycol fluid 10L	8 718 660 880
	Solar Glycol fluid 20L	8 718 660 881
	TDS100-2 controller	7 735 600 075
	MS100 controller	7 738 110 114
	MS200 controller	7 738 110 146
	Silver expansion vessel 25L	7 738 325 440
	Expansion vessel connector	7 739 300 331
	Solar discharge container	7 716 192 348

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