

SolarisKit HelioPro®



SolarisKit
Empowering People

THE COMPLETE
SOLAR HOT WATER SOLUTION



HOMES



HOTELS



BUILDINGS

HelioPro[®] is the **new solar** hot water solution

Ideal for villas, hotels, and commercial buildings, HelioPro is SolarisKit's range of complete solar hot water solutions providing carbon free hot water.

From 200 to 1,000 litres of hot water per day, HelioPro has your needs covered providing everything you need to harness solar energy and start saving today.

HelioPro includes:

- ✔ HelioFlow[®] solar collectors
- ✔ HelioStore[®] hot water storage
- ✔ HelioDrive[®] Pump controller

THE NEW WAY

THE OLD WAY



Why HelioPro® is the smart choice

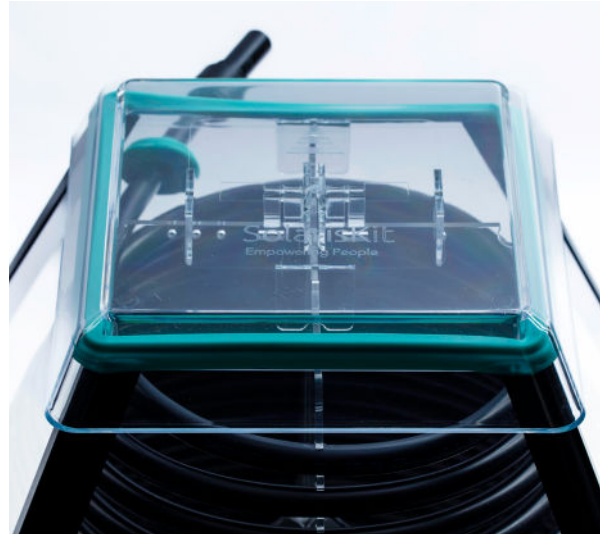
Engineered for sunny climates and flat-roof buildings, HelioPro provides a modern, attractive, and reliable solar hot water solution for homes, hotels, and commercial buildings.



Designed For Flat-Roofs

Unlike other solar collectors available, SolarisKit's HelioFlow® solar collectors are prismatic, making them compact, space efficient, and uniquely suited for flat-roof buildings.

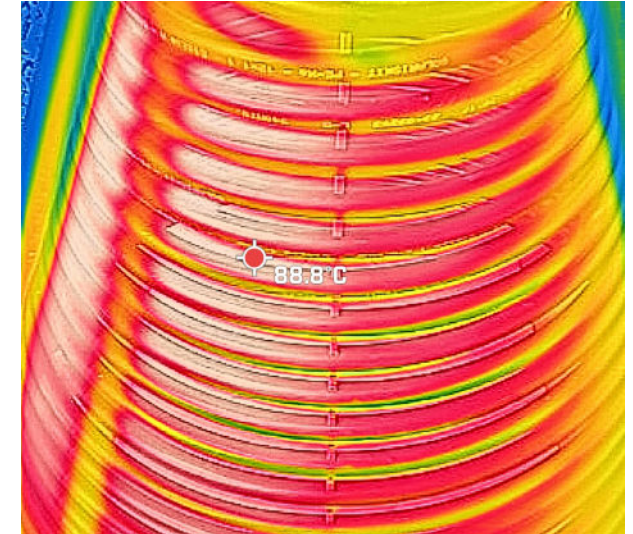
MODERN AND ATTRACTIVE



Reduced Maintenance Costs

Made using a high-quality engineered polymer, the SolarisKit HelioFlow® solar collector is compatible with hard and mineralised water, providing a longer lasting and cheaper to maintain solution.

LONG LASTING AND RELIABLE

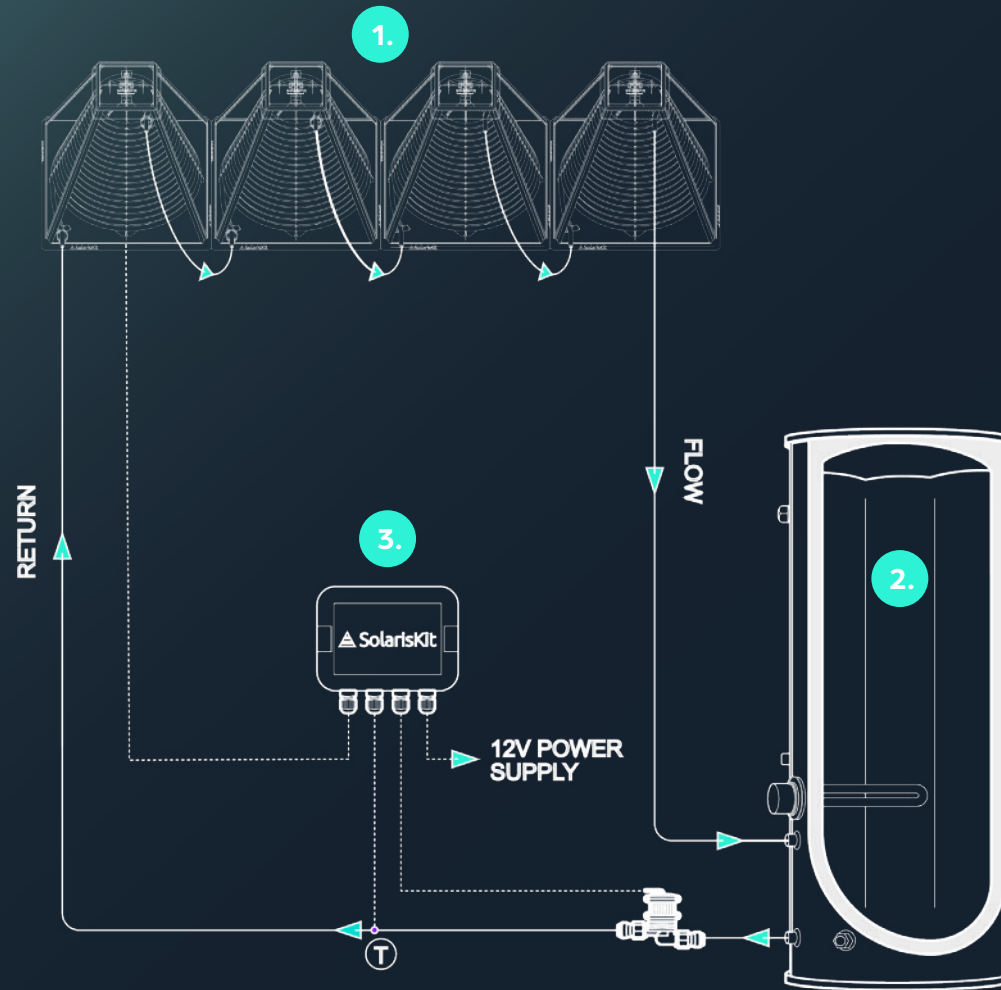


Designed For Sunny Climates

Our award-winning solar collector design has been specifically designed for sunny climates, avoiding reaching excessive temperatures providing a safer, more reliable solar hot water solution.

PEACE OF MIND

HelioPro[®] provides the complete solar hot water solution

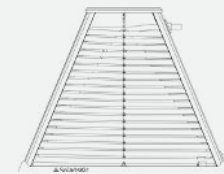


HelioPro schematic diagram

Let Solariskit take the hassle away from installing your solar hot water system. Our expertly designed HelioPro[®] product range includes everything you need to harness the energy from the sun to heat water.

Start saving and lowering your carbon emissions today.

1.

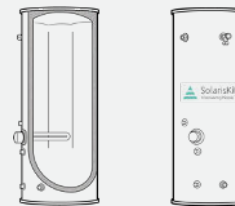


HelioFlow[®] Solar Collectors

Our patented prismatic shaped solar collectors efficiently convert solar energy into heat.

- Modular and Space Efficient
- Ideal for Flat-Roof Installations
- Safe and Reliable Operation

2.

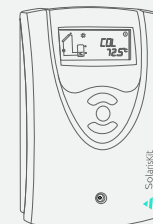


HelioStore[®] Thermal Storage

Our patented prismatic shaped solar collectors efficiently convert solar energy into heat.

- 300 to 1,000 litre storage capacity
- Stainless steel (316 or Duplex)
- 5-YR Warranty

3.



HelioDrive[®] Pump Controller

Efficiently controls fluid flow within the solar heating loop. Optimised for use with HelioFlow[®] solar collectors.

- Runs of 12VDC, 2A
- Efficient and quiet operation
- Wi-Fi and BLE on board

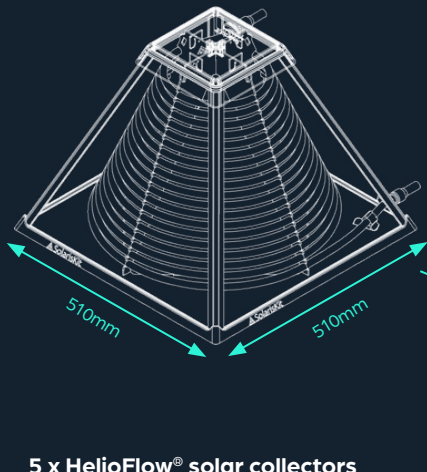
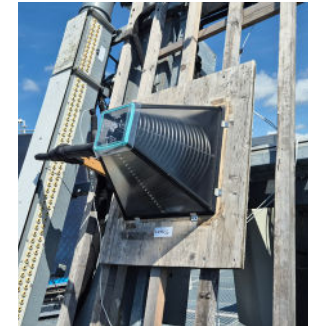
Compact. Modular. Scalable.

From 200 to 1,000 litres of hot water per day, HelioPro® has your needs covered. Simply combine multiple SolarisKit HelioFlow® solar collectors to increase daily hot water production.

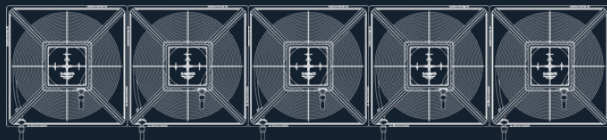


SOLAR KEYMARK CERTIFIED

SolarisKit HelioFlow® solar collectors have been stringently tested to EN12975 and ISO9806 standards and are Solar Keymark certified.



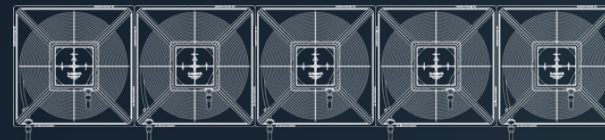
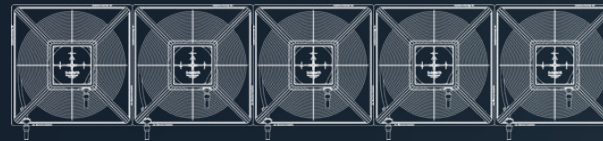
5 x HelioFlow® solar collectors



200 LITRES PER DAY

No. of HelioFlow® solar collectors	5
Array dimensions (m)	0.51 x 2.55
Array area (m ²)	1.3

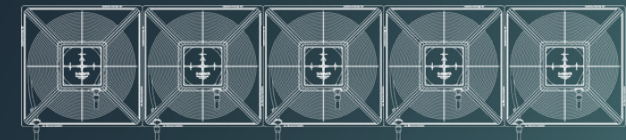
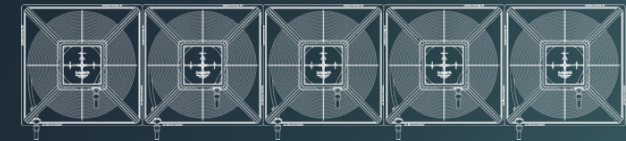
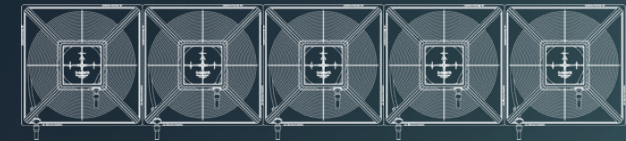
10 x HelioFlow® solar collectors



400 LITRES PER DAY

No. of HelioFlow® solar collectors	10
Array dimensions (m)	1.02 x 2.55
Array area (m ²)	2.6

15 x HelioFlow® solar collectors



600 LITRES PER DAY

No. of HelioFlow® solar collectors	15
Array dimensions (m)	1.53 x 2.55
Array area (m ²)	3.9

HelioPro® Product List and Details

Table 1. HelioPro Systems with tank installed on the roof of the building

System Code	No. of Collectors	Collector Array Dimensions (mm)	Total Roof Space (mm)	Tank Volume (litres)	Tank Dimensions (mm)	Empty Tank Mass (kg)
HelioPro 10-AFSH-3R	10	1020 x 2550	4580 x 2840	300	580 x 1840	100
HelioPro 10-AFSH-4R	10	1020 x 2550	4650 x 2890	400	650 x 1890	130
HelioPro 15-AFSH-5R	15	1530 x 2550	4700 x 2930	500	700 x 1930	150
HelioPro 15-AFSH-6R	15	1530 x 2550	4750 x 3000	600	750 x 2000	180
HelioPro 20-AFSH-8R	20	2040 x 2550	4850 x 3000	800	850 x 2000	220
HelioPro 25-AFSH-10R	25	2550 x 2550	5000 x 3400	1000	1000 x 2400	260

Table 2. HelioPro Systems with tank installed inside the building

System Code	No. of Collectors	Collector Array Dimensions (mm)	Total Roof Space (mm)	Tank Volume (litres)	Tank Dimensions (mm)	Empty Tank Mass (kg)
HelioPro 10-AFSH-3B	10	1020 x 2550	2000 X 3500	300	580 x 1840	100
HelioPro 10-AFSH-4B	10	1020 x 2550	2000 X 3500	400	650 x 1890	130
HelioPro 15-AFSH-5B	15	1530 x 2550	3000 X 3750	500	700 x 1930	150
HelioPro 15-AFSH-6B	15	1530 x 2550	3000 X 3750	600	750 x 2000	180
HelioPro 20-AFSH-8B	20	2040 x 2550	2240 X 3750	800	850 x 2000	220
HelioPro 25-AFSH-10B	25	2550 x 2550	3750 X 3750	1000	900 x 2200	260

HelioPro[®] System Performance

A combination of energy savings, long life, and a reliable service life makes HelioPro and sound investment.

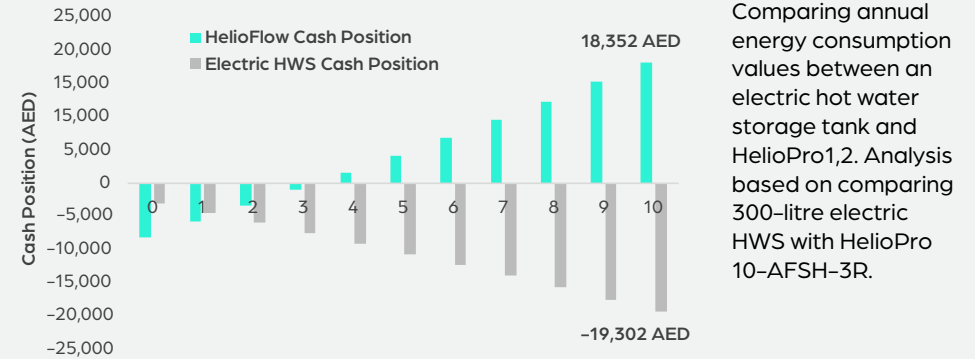
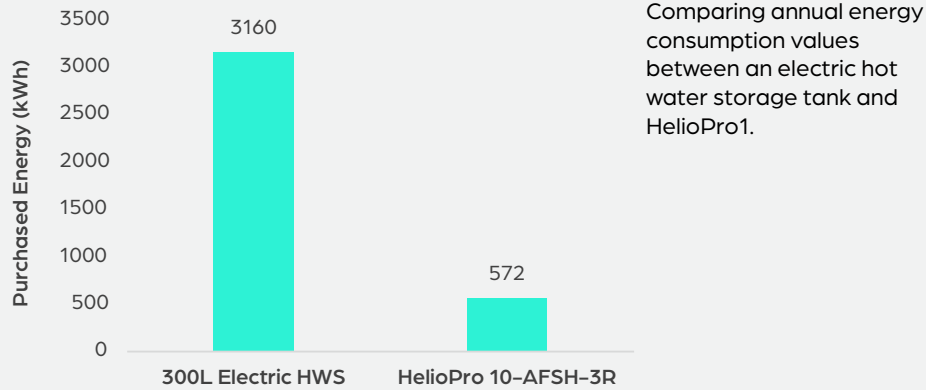


Table 3. Energy and carbon savings potential for HelioFlow

System Code	Daily Hot Water Demand (Litres)	% Hot Water Demand Met by Solar ¹	Annual Energy Savings (kWh) ¹	Annual Energy Savings (AED) ²	Annual Carbon Savings ³
HelioPro 10-AFSH-3R/B	250	90	4,000	1,800	1,615
HelioPro 10-AFSH-4R/B	320	82	4,320	1,944	1,745
HelioPro 15-AFSH-5R/B	400	91	6,000	2,700	2,420
HelioPro 15-AFSH-6R/B	480	85	6,395	2,878	2,580
HelioPro 20-AFSH-8R/B	640	85	8,290	3,730	3,340
HelioPro 25-AFSH-10R/B	800	84	10,120	4,550	4,000

¹Figure derived from transient energy modelling using Polysun software using Dubai climate data

²Figure based on electricity tariff = 0.45 AED per kWh

³Calculated using grid carbon intensity factor = 0.404 kgCO₂/kWh

Your Local UAE Solar Energy Partner

Established in 2019 in the United Kingdom, SolarisKit has deployed solar collectors around the world including in the UK, USA, UAE, Kenya, Rwanda, Zambia, and Malawi.

We are proud to commence the manufacture of our award-winning solar collectors in the UAE. SolarisKit can support all your project needs from engineering design through to manufacture and installation.



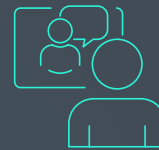
ENGINEERING
DESIGN



PRODUCT
MANUFACTURING



INSTALLATION
AND SUPPORT



Please scan the QR code
to schedule a call with SolarisKit
today and let's get started.



LOCATIONS



SolarisKit Global FZ LLC (UAE)

OPERATIONS

S32-33
Shed No.32 - TP Al Hamra FZ
Al Hamra Industrial Free Zone
RAK, United Arab Emirates

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