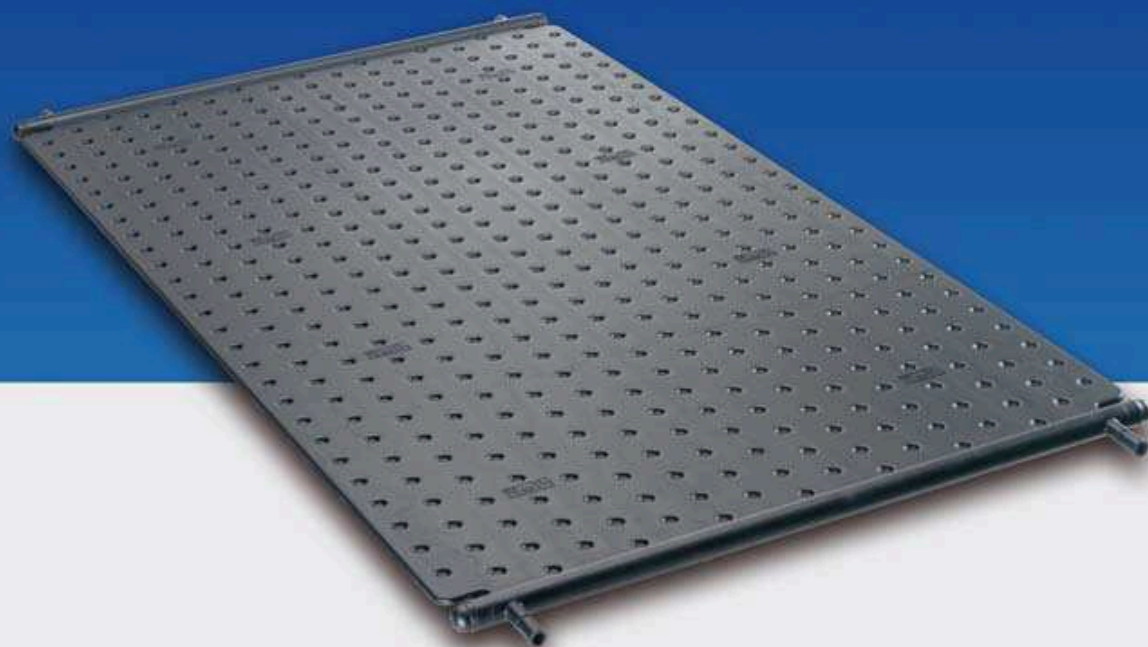


Roth HelioPool® swimming pool absorber

... for direct solar heating of swimming pools operating on the flow heater principle



■ Solar energy for eco-friendly and economic heating of swimming pools

Roth applied its specialist know-how in the processing of plastics when it developed the Roth HelioPool® swimming pool absorber from top-quality high-density polyethylene (HDPE) as an environmentally-friendly and energy-saving method of pool heating. Fitted with eight variable outlets, the absorber comes equipped to satisfy any installation requirements. Simple installation is thus guaranteed with just one type of absorber.

The outstanding features of the Roth HelioPool® absorber are its optimum size of 2,22 m² and its high degree of efficiency. It boasts full-surface throughput, frost-resistance* and sufficient strength to support the weight of a person and is suitable for the direct flow-through of swimming pool water. The absorber is specially designed with the ideal thickness to guarantee low pressure loss.

■ One size fits all

Each absorber has eight connections (4 x 25 mm and 4 x 40 mm) with variable assignment options depending on the type of connection, therefore only one model is needed.

■ All from one source

Roth supplies a complete ready-to-fit system including Roth attachment set for on-roof installation, matching connector sets and Roth BW solar regulation unit.

■ Roth connection set 40 mm HelioPool®

■ Roth end stopper set 25 mm HelioPool®

■ Roth connection set 25 mm HelioPool®

■ Roth attachment set for on-roof installation

■ Roth height-adjustable attachment set for on-roof installation

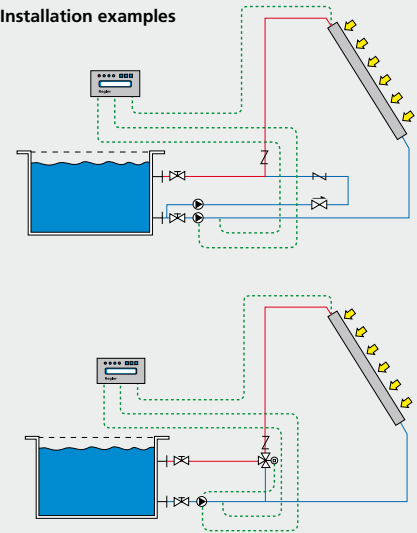




■ Advantages at a glance

- One absorber type to fit all installation methods thanks to eight variable outlets on absorber, making installation simple and cutting down on storage needs
- Optimal absorber size with 2,22 m² of effective surface area
- Suitable for horizontal or vertical installation
- High degree of efficiency
- Full-surface throughput, frost-resistant* and sufficiently strong to be walked on
- High-quality absorber finish in black HDPE
- Optimal wall thickness of absorber
- Low pressure loss due to special absorber construction
- Cost-efficient swimming pool heating solution
- Suitable for direct flow-through of swimming pool water
- Complete system including attachments, connections and regulation unit
- 5 year Roth system guarantee.

■ Installation examples



■ Technical specifications for Roth HeliPool®

Length	2000 mm
Width	1100 mm
Height	15 mm
Gross surface area	2,22 m ²
Weight	14 kg
Fluid capacity	16 l
Connections	Eight, four of which with 40 mm diameter and 4 with 25 mm diameter. Variable use depending on collector connection method.
Short-time system test pressure	3 bar
Operating pressure (max.)	1 ± 0,1 bar
Material	HDPE (black)
Number of collectors for horizontal connection (max.)	8
Number of collectors for vertical connection (max.)	4

* Frost-resistant subject to use of anti-freeze. If anti-freeze is not used the Roth HeliPool® swimming pool absorber must be drained if there is a risk of frost.