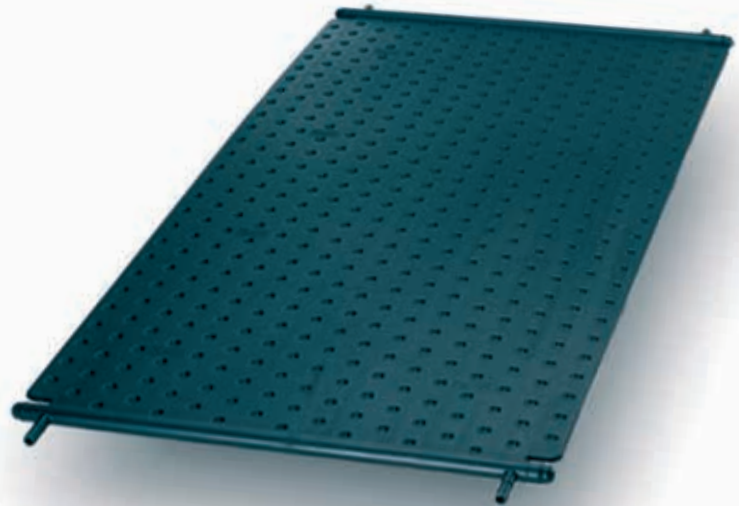


Sun Plate Swimming Pool Absorbers



BEHNCKE Sun Plate swimming pool absorbers for the solar heating of swimming pool water.

The BEHNCKE Sun Plate swimming pool absorber is made of high-quality high-density polyethylene (HDPE) for the environmentally friendly and energy-saving heating of swimming pool water.

All installation applications can be realized with just one type of absorber with 2 sizes, because 8 variable take-offs are available on the absorber. This guarantees easy installation.

Heat up swimming pool water with solar energy - environmentally friendly and economical.

The BEHNCKE Sun Plate is characterized by its two optimal absorber sizes of 2.2 m² and 1.19 m² and by its high degree of efficiency. It has full-surface through-flow, can be walked on and is suitable for the direct through-flow of pool water. The special absorber design with its ideal wall thickness ensures that the pressure drop is low.

Direct solar heating of swimming pool water on the through-flow principle.

Each absorber has 8 connectors (4 at 25 mm and 4 at 40 mm), which can be assigned variably, depending on the connection type. Only one version is therefore necessary.

Everything from one source.

The BEHNCKE Sun Plate is a complete modular system that includes the connection sets and the BEHNCKE BW solar control unit. Individual BEHNCKE fastening components are available for installation, geared to the specific structural requirement.

High-quality high-density polyethylene (HDPE) enables the efficient collection of solar energy and its conversion into heat.



The ingeniously simple connection technique enables extremely fast installation and a high degree of variability for all requirements



The through-flow principle guarantees uniform flow and therefore an effective energy output.



All installation applications can be realized with just one type of absorber, e.g. in the private sector ...

The BEHNCKE Sun Plate swimming pool absorber in brief:

- A cost-effective solution for swimming pool heating
- With just 2 absorber types for all installation applications, because 8 variable take-off points are available on the absorber, due to which easy installation and a low stock requirement
- Optimum absorber sizes with an effective area of 2.2 m² or 1.19 m²
- Horizontal or vertical installation possible
- High degree of efficiency
- Full-surface through-flow and it can be walked on
- High-quality absorber material made of black HDPE
- Optimum wall thickness of the absorbers
- Low pressure drop due to the special absorber design
- Suitable for the direct through-flow of swimming pool water
- 16 plates at the maximum
- Tested in accordance with EN 12975



... through to large-area commercial requirements. BEHNCKE Sun Plates can be walked over due to the high quality of their materials and finish.



The BEHNCKE Sun Plate - Technical specifications

Length	2000 mm	1090 mm
Width	1100 mm	1100 mm
Height	15 mm	15 mm
Gross area	2,2 m ²	1,19 m ²
Weight	14 kg	8,5 kg
Fill volume	16 L	8 L
Connections	8, of which 4 with a dia. of 40 mm and 4 with 25 mm. To be used depending on the connection method of the collectors.	8, of which 4 with a dia. of 40 mm and 4 with 25 mm. To be used depending on the connection method of the collectors.
Maximum pressure	3 bar	3 bar
Working pressure (max.)	1 ± 0,1 bar	1 ± 0,1 bar
Material	HDPE (black)	HDPE (black)
Number of collectors for horiz. connection (max.)	8	8
Number of collectors for vertic. connection (max.)	4	4

Your dealer: