

Technical Data:

Standard Basket

approx.
 Diameter: 1.9 to 0.9 m
 Height: 1.2 m
 Length of pipe: 100 m PE PN16
 Pipe Dimension: OD 32x2.9 mm
 Brine volume: 53 l
 Weight
 without brine: 20kg
 Capacity (heating): 0.7 -1.0 KW*
 Space requirement: 10 m²

Optional: second circulation for solar - integration

Maxi Basket

approx.
 Diameter: 2.1 to 1.1 m
 Height: 2.7 m
 Length of pipe: 300 m PE PN16
 Pipe Dimension: OD 32x2.9 mm
 Brine volume: 160 l
 Weight
 without brine: 60 kg
 Capacity (heating): 1.6 to 2.0 KW*
 Space requirement: 15 m²

Optional: second circulation for solar - integration plus capacity in cooling mode of approx. 1.2 KW*

* depending from ground formation and thermal conductivity.

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Original BetaTherm distributor from stainless steel

The Earth is our Future



Geothermal Energy Baskets

by







**1.
Digging**







**2.
Setting
and fixing**





**3.
Connecting**





**4.
Ready
to go**





BetaTherm

With BetaTherm for best results

You would like to use the power of domestic earth and are therefore looking for a modern geothermal system near the surface? The patented geothermal heat baskets by BetaTherm are working predominantly in combination with ground-coupled heat pumps.

This new solution enables you a faster and more economic installation than with comparable techniques (closed horizontal loop, "slinky", or vertical loop, "Borehole").

Fast installation - secure future

BetaTherm designed the two types of geothermal heat baskets (standard and maxi) for the deployment in a depth of 1 - 4 meters. Within a day they are "ready for installation" around the building. The standard baskets are e.g. let in in approx. 2.5 meters of depth into square excavations and in-dredged with the existing soil as well as water.

By means of modern connection technique the baskets are then connected among themselves and attached centrally to the building.



BetaTherm maxi basket (details on next page)

Favourably and fast available

To the supply of a modern single family house of 120 to 140 square meters one needs about

- 6 to 9 standard or
- 3 to 4 maxi

BetaTherm geothermal heat baskets.

Optimal conditions for installation of geothermal heat baskets are fulfilled in 90% of all cases.

For example the soil classes 1 - 4 after German VOB/DIN 18300 are usually suitable for the use of geothermal heat baskets. The geothermal heat baskets of BetaTherm are immediately available and can be delivered also at a short notice.

