

GEROthem[®] manhole type 1

For connecting geothermal probes, ground collectors and energy cages; fully factory pre-assembled, ready-to-connect, extruded cylindrical all-plastic shaft made of HD-PE with reinforced shaft wall (at least 2 cm wall thickness) for 1–5 brine circuits, with all necessary shut-off and control fittings according to individual specifications; 100% waterproof design up to 10 mH₂O; probe connections welded according to DVS are routed to the outside through the shaft wall and are water-pressure tight; all connections designed voltage-free; shaft access equipped with an inspection-friendly cover that can be walked on or driven on as an option; cast iron shaft cover offset with a diameter of 630 mm, screwed, load capacity class A15-D400; outlet to the heat pump optionally on the left or right; optimal and horizontal probe connection; crane lugs for easy transport and installation on site; special key fixed on the outside; type 1 specially designed for use in floor slabs and roads

- Detailed design according to order form type 1
- Max. flow rate of 19.6 m³/h
- Design: standing
- Dimensions: Height: approx. 1400 mm; outside diameter: 1000–1200 mm
- Incl. installed and pressure-tested distributor SAVE 97 or SAVE 125 in accordance with the HakaGerodur AG pressure test protocol, weld seams made in accordance with DVS, minimal flow resistances
- Floating storage of the SAVE with regard to thermal expansion
- Optional conductor made of V2A, aluminium or PE
- Optional automatic venting
- Optional thermometer -20°C/+40°C and/or pressure gauge 0 bar–10 bar
- Optional level adjustment of the entrance on site
- Optional dome seal against pressing groundwater
- Optional illumination and electrical connections
- Operating temperature: -20°C to 40°C

GEROthem[®] manhole type 1 with installed and pressure-tested SAVE distributors/collectors with flat-sealing ball valve and balancing valves

Design for:

Number of connections (1–5):

Connection dimensions (32 mm, 40 mm or 50 mm):

Total flow rate:m³/h

SAVE collector/distributor (SAVE 97 / SAVE 125):.....

Selected outlet to heat pump (left/right):

Cast iron cover (class A15, class B125, class D400)

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Art. No.:

Quantity Units