

## GERO<sup>therm</sup>® small manhole

The product and its strengths:

- ✓ The GERO<sup>therm</sup>® small manhole is a proven and well-known product on the market
- ✓ Plug & Play – entirely prefabricated at the factory, tested and ready for connection of the electrofusion coupler sockets
- ✓ Installed and pressure-tested GERO<sup>therm</sup>® collector/distributor 97 is impressive with its extremely low pressure loss, which increases the energy efficiency of the entire system
- ✓ Optimal, horizontal probe connection
- ✓ Each brine circuit can be regulated and shut off individually
- ✓ Radially removable ball valves and balancing valves enable easy replacement in the event of damage
- ✓ Handles for easy transport on the construction site
- ✓ The cover can be walked on (up to a weight of 200 kg); not suitable for vehicles
- ✓ Solid plastic manhole and stability
- ✓ Geothermal probes are combined in the manhole; no more tedious and time-consuming drilling through the wall of the house required
- ✓ Uplift protection can be implemented on the outer bottom with backfill material
- ✓ Dome can be shortened if necessary
- ✓ Customer-specific adjustments/optimisations possible at any time on request



## Design aid for consultation/technical details

- Suitable for brine volumes up to 5.4 m<sup>3</sup>/h (5,400 l/h)
- Measuring range of the Inline flow valve from 20 to 70 l/min per connection
- Suitable for heat pump output up to approx. 16 kW
- For geothermal probes single and double U ø 32 and 40 mm
- Connections for 2 to 4 geothermal probes
- Connections in the dimensions ø 40 and 50 mm
- Reduction nipple ¾" internal thread for venting
- Connection pipe to water pump dimension ø 63 mm