

# ThermoGenius™ F1

## The geothermal heat exchanger for shallow water

### Description

ThermoGenius™ geothermal heat exchangers extract energy from surface water and use it in combination with a heat pump to heat or cool buildings.

The ThermoGenius™ F1—specifically designed for use in shallow water—requires a depth of just 1 meter and is a complement to the M series for deeper water installations.

Thanks to its compact design, the ThermoGenius™ F1 can be installed easily and securely.

The modular structure means that multiple ThermoGenius™ F1 units can be linked together in order to heat or cool larger buildings.



### Advantages

- Easy to install
- For shallow water
- Low-maintenance
- High level of efficiency
- Easy to clean
- Sustainable and environmentally friendly
- Suitable for still or moving water



### Technische Daten

|  |                   |
|--|-------------------|
| Dimensions in mm (l × h × w)                             | 2,000 × 600 × 250 |
| Material   | PE-HD             |
| Operating temperature range in °C                        | -10 to +40        |
| Max. operating pressure at +20°C in bar                  | 4.4               |
| Exchange area in m <sup>2</sup>                          | 10.4              |
| Heat extraction rate in kW at a water temperature of 4°C | 6                 |