

At a glance

Applications



Freeze prevention



Temperature maintenance

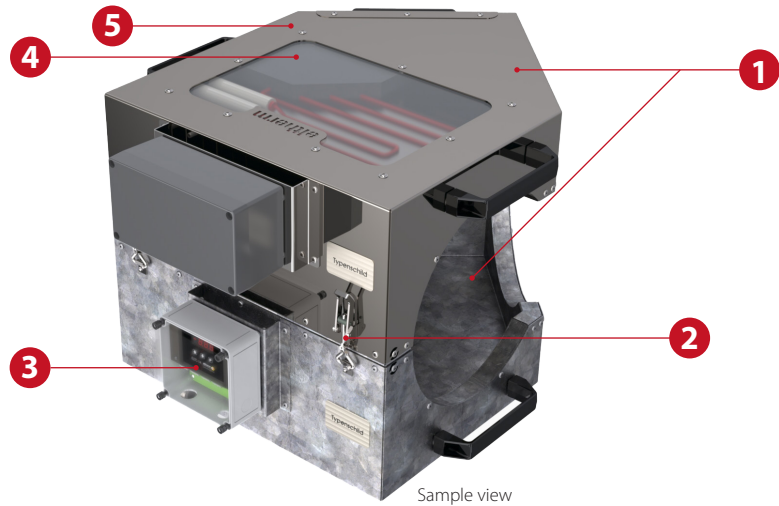
- › Heat exchangers
- › Pumps
- › Valves
- › Fittings
- › Individually to customer specification

Advantages

- › Custom-made manufacturing
- › Removable and replaceable
- › Optimum heat distribution
- › Low maintenance overhead
- › Long service life
- › Designed in several parts according to customer component/request
- › Plug and play solution possible
- › Mechanical protection of the heater against external influences
- › Thermally isolated heating
- › UV-resistant
- › Suitable for use outdoors
- › Also possible for applications in Ex areas

Type EL-SHS

Custom-Made Heating Mantle



Sample view

| | |
|-------------------------------|--|
| 1 Structure / material | Inner and outer jacket, stainless steel or galvanized, riveted * |
| 2 Closure type | Adjustable toggle latch |
| 3 Control | Electronic temperature regulator or capillary tube thermostat * |
| 4 Insulation | Mineral wool or elastomer foam (Armaflex) * |
| 5 Paint | Individually on request |

Heating mantles are used when heating of surfaces where two or more heating sections are required. The tailor made heating mantle from eltherm ensures optimum heating at ambient temperatures from -25 °C to +55 °C with even heat distribution. Handles can be used to mount, remove and transport the heating mantle halves quickly and easily. The practical toggle latches ensure easy and reliable latching. This significantly reduces installation and maintenance overhead.

Please note: individual designs can be prepared for Ex areas. Please contact us to discuss your application!

Technical specifications

| | |
|-----------------------------|--------------------|
| Maintain temperature | to 120 °C * |
| Ambient temperature | -25 °C to +55 °C * |
| Voltage | 230 V / 400 V * |
| Insulation thickness | min 20 mm * |
| IP rating | IP65 |
| Operating mode | Regulated |

* Additional options on request

Sample design

