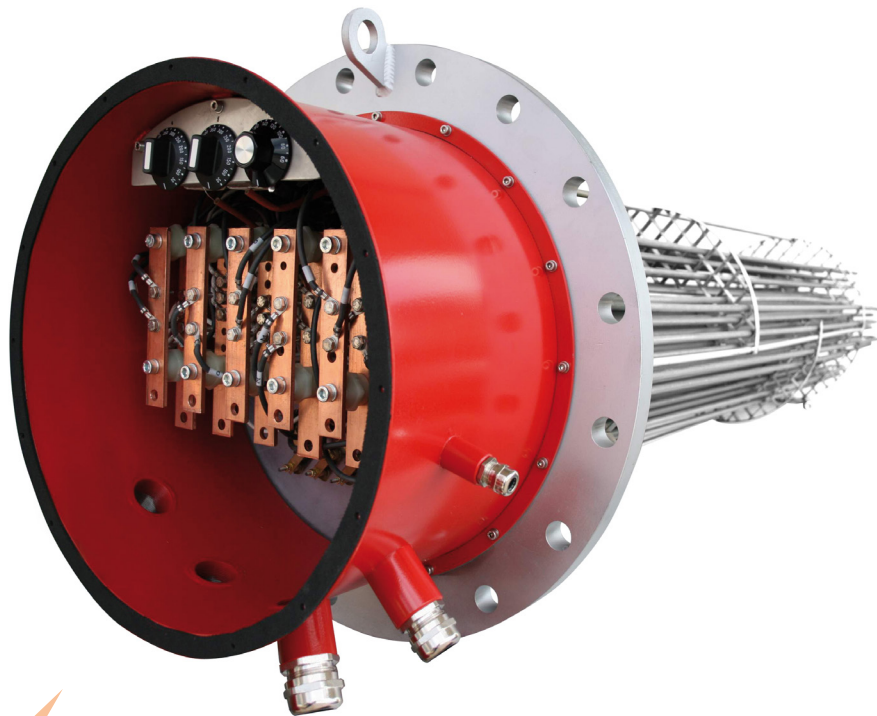


FLANGEVARMELEGEMER



**FLANGEVARMELEGEMER
KUNDESIGNEDE**

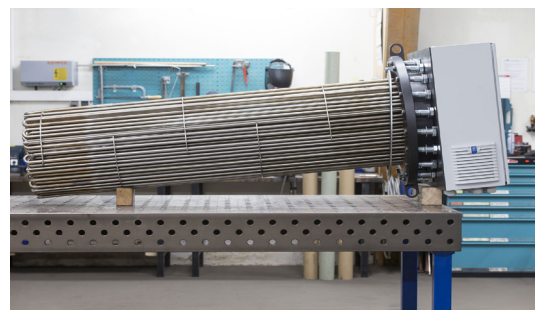
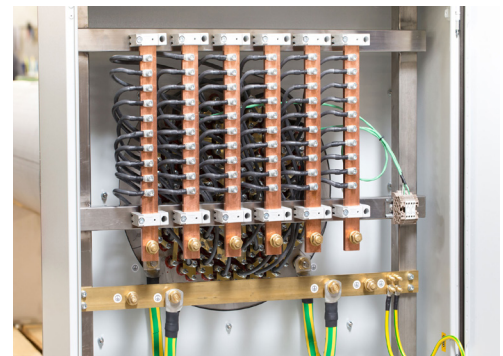
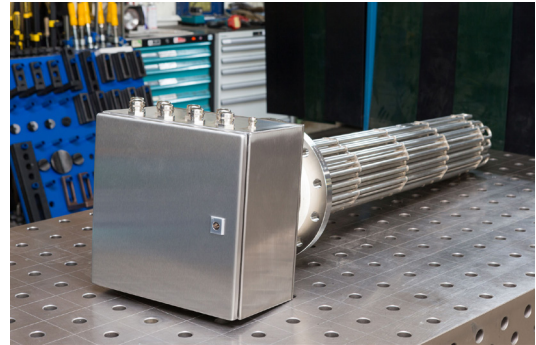
FLANGEVARMEELEGEMER KUNDEDESIGNEDE

Flange heaters are used in industrial processes for the direct heating of liquid, gaseous or solid media up to approx. 6 MW. For installation in existing pressure vessels, tanks, pipelines, etc., these are individually adapted to the power requirement and the process conditions.

- Efficient heating capacity (up to approx. 600 °C medium temperature) and high-power density
- Low process costs due to high efficiency and low maintenance costs
- As DIN, ASME, Tri-Clamp or special flange solution
- Process-specific control (thyristor/contactor controls) and monitoring

Engineering & materials

Our flange heaters are made of highly compressed tubular heating elements which are optimized for high efficiency (material of coils, shape, diameter, unheated lengths, arrangement). The customized computer designed solution guarantees that the specific characteristics of the medium (corrosion, surface load, etc.) as well as vibrations and other process specifications will be met.



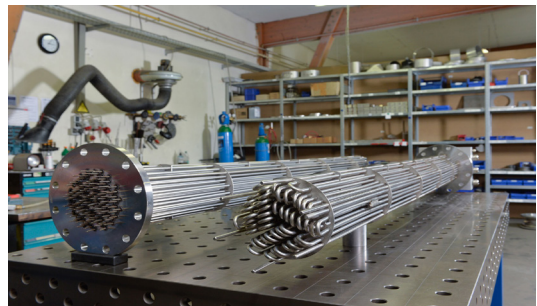
Process specific engineering optimizes the resistance against corrosion and the surface load of the heating tubes.

Several materials (AISI316L, AISI321 etc.) which are selected according to the corresponding purpose are available for the heater and connected flange. The connection housing is thermally insulated; in case of temperatures > 150° Celsius an additional insulation is provided between flange and connection housing to protect the terminals and connection. If necessary, guide plates will be designed to increase the velocity of the flow of the medium within the tubes.

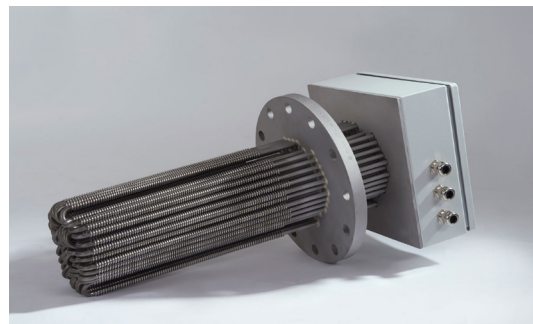


Low process costs due to high efficiency and low life cycle costs.

Monitoring and control are carried out by mechanical temperature controllers and / or limiters or electronic PT100, thermocouples and individual thyristor and contractor controls as independent control or as signal transducers for an existing PLC.



Engineering/manufacturing according to DGRL 97/23/EG, AD2000, EN13455, ASME, ATEX





ELVARME



VORES PRODUKTSORTIMENT INKLUDERER:



FLANGEVARMELEGEMER STANDARD



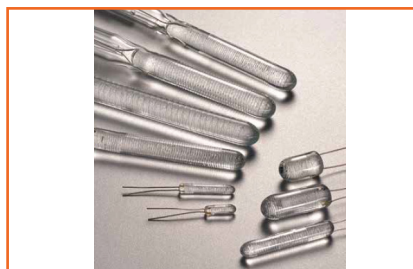
PROCESS HEATERS



NIKKELLIDSE



ELPATRONER



TEMPERATUR SENSORS



FLANGEVARMELEGEMER

VI FØRER PRODUKTER INDENFOR KATEGORIERNE:



AUTOMATIK



**HVAC & BYGNINGS-
AUTOMATIK**



KØLEPROFILER



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