

KANAL VARMELEGEMER



**KANAL VARMELEGEMER
KUNDESIGNEDE**

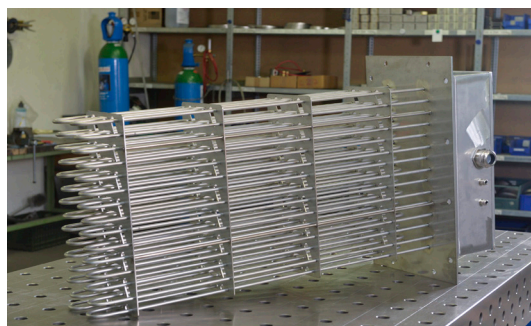
KANAL VARMELEGEMER KUNDESIGNEDE

Electric air heaters are regularly used in industrial process technology, in air conditioning and process technology, as well as in the construction of industrial furnaces and drying systems. In addition to avoiding emissions, electric heaters are characterized by their high thermal efficiency and low maintenance requirements. Depending on the existing or desired system design, they are specified as rectangular duct air heaters, tube air heaters, flange air heaters or, for increased system pressure, as classic instantaneous water heaters.

- High thermal efficiency and compact design
- Diverse connection designs (rectangular duct, tube, flow, flange air heater)
- Flow-optimized design with low pressure losses
- Ready-to-connect, mobile or skid solutions, including fans, insulation, rollers etc.
- Process-specific control (thyristor/contactor controls) and monitoring

AREAS OF APPLICATION FOR AIR HEATER

- Air
- Industrial gases (nitrogen, carbon dioxide, flue gas, hydrogen etc.)
- Air conditioning technology, industrial furnace construction, drying technology
- Exhaust air purification, catalytic post-combustion



CONSTRUCTION AND MATERIAL

The process-specific engineering optimizes the flow rate and the surface load of the tubular heaters while minimizing the pressure loss. During ongoing operation, the temperature of the heating elements and the medium is monitored to avoid overheating in the event of a stall. Different temperature limiters and controllers, sensors such as wind flow vane relays, as well as thyristor and contactor controls are available for this.

The housings are made of stainless steel with a degree of protection up to IP69. Tubular heaters with a diameter of 8.5 mm, 10.0 mm, 11.5 mm or 16.0 mm are used as the heat source, the materials of which are selected according to the corrosivity and temperature of the medium.

A construction including fans, insulation, rollers, etc., for example for a mobile structure or as a skid solution, can be implemented on request. We specify and manufacture our products according to international standards (DGRL 97/23/EG, AD2000, EN 13455, ASME)





ELVARME



VORES PRODUKTSORTIMENT INKLUDERER:



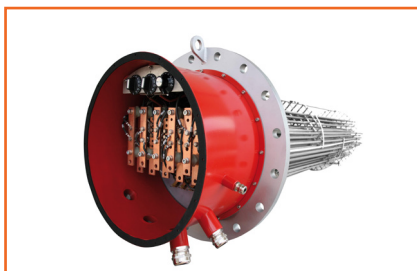
CIRCULAR



RECTANGULAR



KANALVARMELEGEMER KUNDEDES.



FLANGEVARMELEGEMER KUNDEDES.



FAN HEATERS



KANALVARMELEGEMER

VI FØRER PRODUKTER INDENFOR KATEGORIERNE:



AUTOMATIK



**HVAC & BYGNINGS-
AUTOMATIK**



KØLEPROFILER



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