



Electric heat exchangers to heat liquid or aeriform fluids with varying pressure up to 300 bar. Used in cases of high differences in inlet and outlet temperature and in cases of installations requiring a high energy input. Designed with a single vessel on which a heater is installed on either side. The reason for a dual head is to limit the temperature on the surface of the heaters as a consequence of a wide range of variation of process temperatures.

Applications

- Air/Nitrogen
- Fuel gas/natural gas
- Oil
- Hydrocarbons
- Petroleum
- Water
- Steam
- Other process fluids

Features

IP 66 termination box.

Voltage: Suitable for up to 690V of voltage.

ATEX/IECEx certification approved for all types of gas, dust and mines to suit zone 1, zone 2, zone 21 and zone 22.

Temperature classes T1-T6.

Termination boxes available in carbon steel and stainless steel (AISI 304L or AISI 316L).

PED 2014/68/EU, ASME "U" or other certifications upon request.

Ambient temperature -60°C +60°C.

Anti-condensation resistor can be fitted in termination box upon request.

Zoppas Industries exchangers are designed for power up to 3 MW per single unit and for pressure up to 300 bar.

Over temperature and over pressure cut-out system.

Vessel materials:

- Carbon steel
- Low temperature carbon steel
- Stainless steel
- Duplex/Superduplex

Vessel design codes:

- PD 5500 2000 Cat 1
- AD MERKBLATT
- EN 13445
- VSR
- ASME

Resistive elements made from 80/20 NiCr resistance wire and sheath from:

- Incoloy 800 - 825
- Inconel 600 - 625
- AISI 304 - 309 - 316L - 316TI - 321
- Titanium

