



ATEX / IECEx electric heat exchangers for any type of fluid: air, nitrogen, gas, water, oil, steam, etc.
Fluid dynamic design to meet process needs. Zoppas Industries heat exchangers are designed to reach high power up to 1.77 MW per single unit and high pressure. The exchangers are designed and built according to specific customer requests. Commissioning and start-up services are provided upon request.

Applications

- Air/Nitrogen
- Gas/Natural gas
- Oil
- Hydrocarbons
- Petroleum
- Water
- Steam
- Other process fluids

Features

IP 66 termination box.

Voltage up to 690V.

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 heater can be fitted in termination box upon request.

Zoppas Industries exchangers for installation in hazardous areas are designed for power up to 1.77 MW per single unit and for high pressure.

Over temperature and/or 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

