



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 ( $\Delta T$ ) and in cases of installations requiring a high energy input in order to optimise limited space.

## Applications

- Nitrogen
- Oil
- Water
- Steam
- Other process fluids

## Features

IP 55 - IP 66 termination box.

Voltage: Suitable for up to 690V of voltage.

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  $-60^{\circ}\text{C}$   $+60^{\circ}\text{C}$ .

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

Zippas Industries exchangers are designed for power up to 3 MW per single unit and for high pressure.

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

