

BASCO® Shell & Tube Heat Exchanger, TEMA Type BEP

Ideal for use as intercoolers and aftercoolers with water/glycol on the shell side and gas on the tube side. BEPs can handle high pressure on the tube side while keeping the pressure drop low when the operating pressure is low.

Advantages

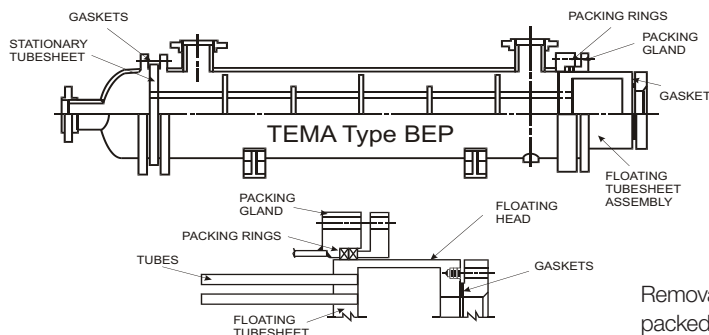
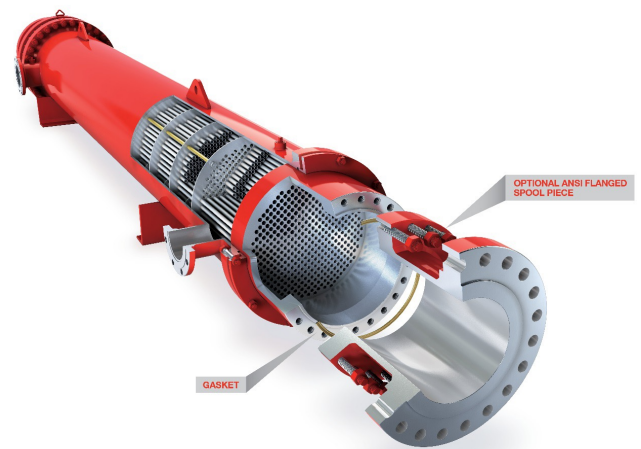
- No packing exposed to tube side fluid
- Annulus around bundle is minimized due to Basco design floating tube sheet and skirt assembly
- No possibility of shell and tube side fluids intermixing through a gasketed joint
- Tube side pressure can be as great as 3000 lbs.

Disadvantages

- Limit one or two pass only
- Shell side pressure limitation

Applications:

- Hazardous gases in tubes (no packing)
- High pressure fluid on tubeside
- Where leaking gaskets must be detectable
- All gaskets are outside of shell
- Max Pressure: Shellside - 300psi; Tubeside - 3000psi
- Max Temperature: Shellside - 600F; Tubeside - limited by materials (including packing)



Removable tube bundle, outside packed skirted floating tube sheet

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