

EXCHANGER TYPE S

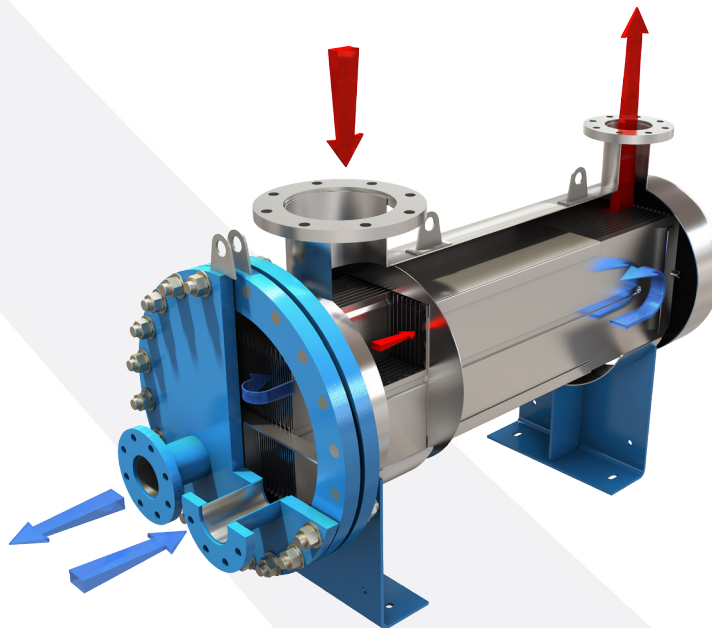
A welded plate pack in a cylindrical shell

- The performance of plate heat exchangers
- The reliability of tubular heat exchangers

Original manufacturing, simple technology and extremely reliable :

The type "S" heat exchanger is made from a bundle of welded dimpled plates, inserted into a shell.

The junction between the shell and the bundle is made via a link plate as on a tubular exchanger.

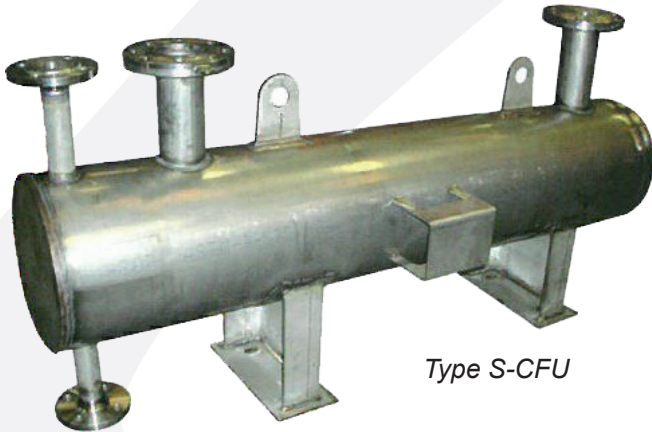


Extremely simple designation, a wide range of possibilities :

As with a tubular exchanger, shell-side circulation can take place via a set of transversal baffles or even flow parallel to the bundle using sleeve.

As such, the type "S" welded dimpled plate and shell exchangers are designated by analogy to tubular exchangers according to the type of front boxe and shell type.

THE RANGE TYPE S :

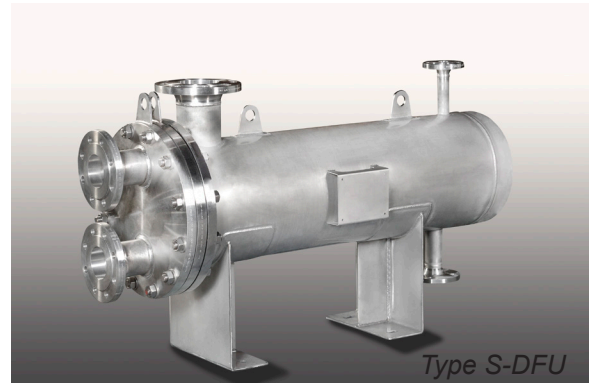


Entirely welded construction

- very compact
- extremely safe owing to being totally gasket-free

Entirely opened model

- the bundle is extractable
- the front box can be removed
- the shell side is perfectly cleanable by mechanical means
- the plate side can be opened for inspection
- very rapid bundle or plate replacement is possible



Selection criteria :

- Compact design $100\text{m}^2/\text{m}^3$ - 1,0 m x 3,0 m floor space for 600 m^2
- Exchange surface from 0,33 to 200 m^2
- Maximum pressure 25 bar plate-side, 35 bar shell-side
- Maximum temperature 350°C
- Easy mechanical cleaning on the shell side circuit (opened model)
- All welds can be inspected
- Used on monophasic, condensation or evaporation operations
- Designed according to AD MERKBLATT, CODAP, ASME
- Manufactured in stainless steel, duplex or nickel alloys (C 2000® / C 22)
- CE marking according to european standards (DESP 97/23/CE)