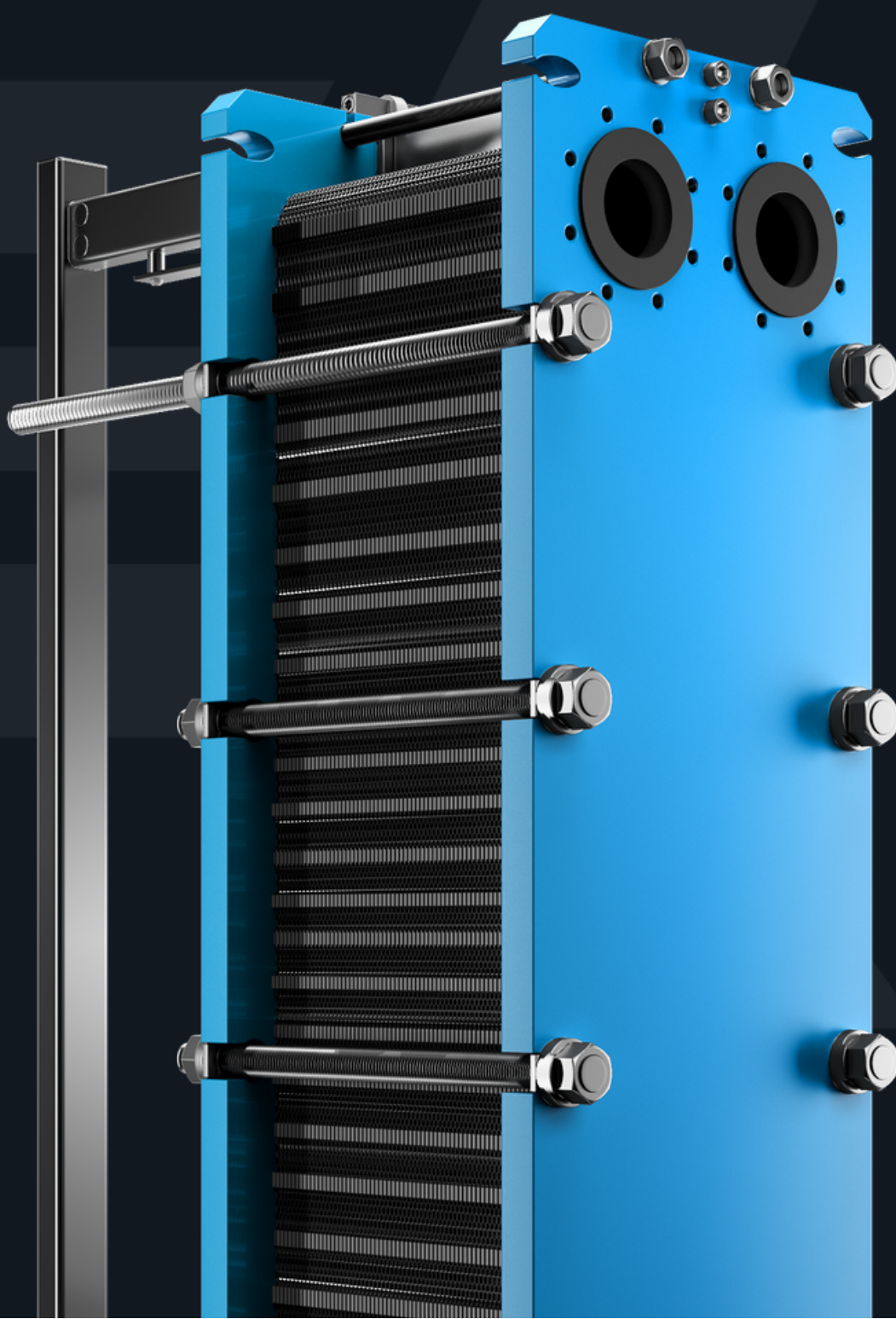


F

PLATE & FRAME HEAT EXCHANGER



F

PLATE & FRAME HEAT EXCHANGER

Plate heat exchangers from the F series are reliable, proven devices that are the optimal solution for heat exchange processes and the operation of technological processes.

Among the solutions available on the market, these heat exchangers are characterized by the highest heat exchange efficiency. They can be used even in cases of very small temperature differences between the media. The high structural flexibility of the plate heat exchanger allows for its perfect adaptation to the required operating conditions, thanks to a variety of plate sizes, plate materials, gasket materials, and different flow channel geometries.

The disassemblable construction of the heat exchanger enables its expansion and disassembly for periodic maintenance activities, including mechanical cleaning.

APPLICATION



CENTRAL HEATING SYSTEMS



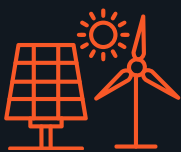
POOL INSTALLATIONS



REFRIGERATION



INDUSTRIAL INSTALLATIONS



RENEWABLE ENERGY SOURCES



TECHNOLOGICAL INSTALLATIONS



FOOD INSTALLATIONS



CIP

ADVANTAGES



HIGH THERMAL EFFICIENCY



THE ABILITY TO CUSTOMIZE THE CONSTRUCTION OF THE HEAT EXCHANGER TO THE REQUIRED OPERATING PARAMETERS OF THE INSTALLATION BY SELECTING THE APPROPRIATE QUANTITY AND SIZE OF HEATING PLATES.



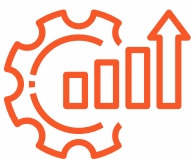
COMPATIBLE WITH ALL HEAT SOURCES.



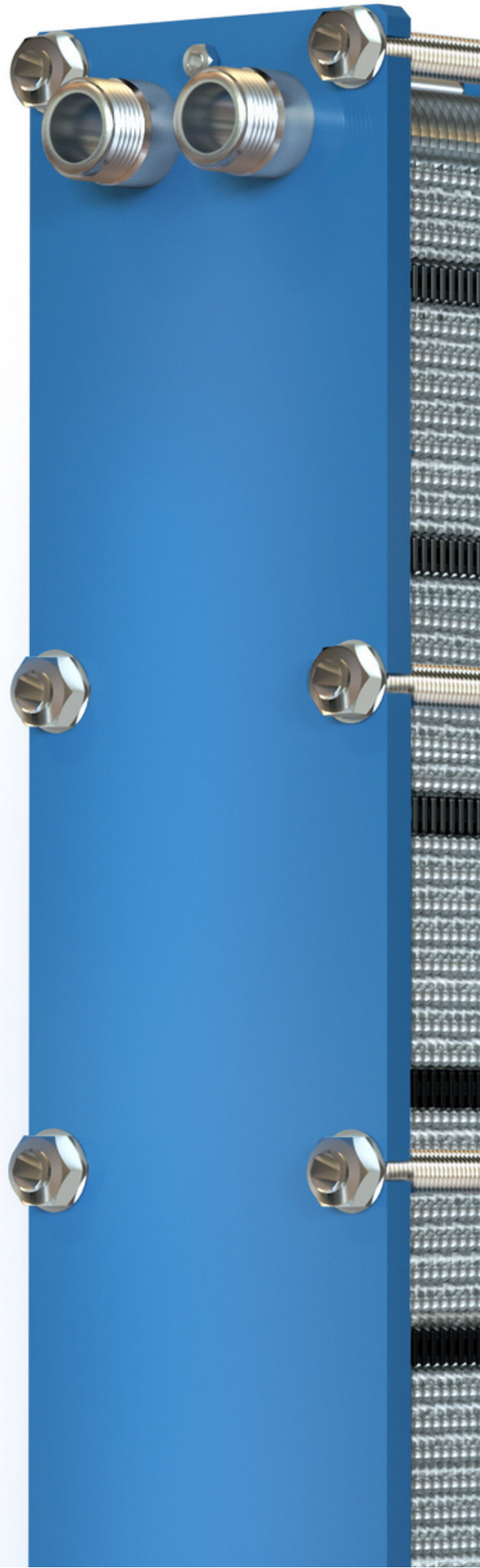
HEATING PLATES MADE OF STAINLESS STEEL OR TITANIUM FOR USE IN SYSTEMS WITH AGGRESSIVE FLUIDS OR SALTWATER POOLS.



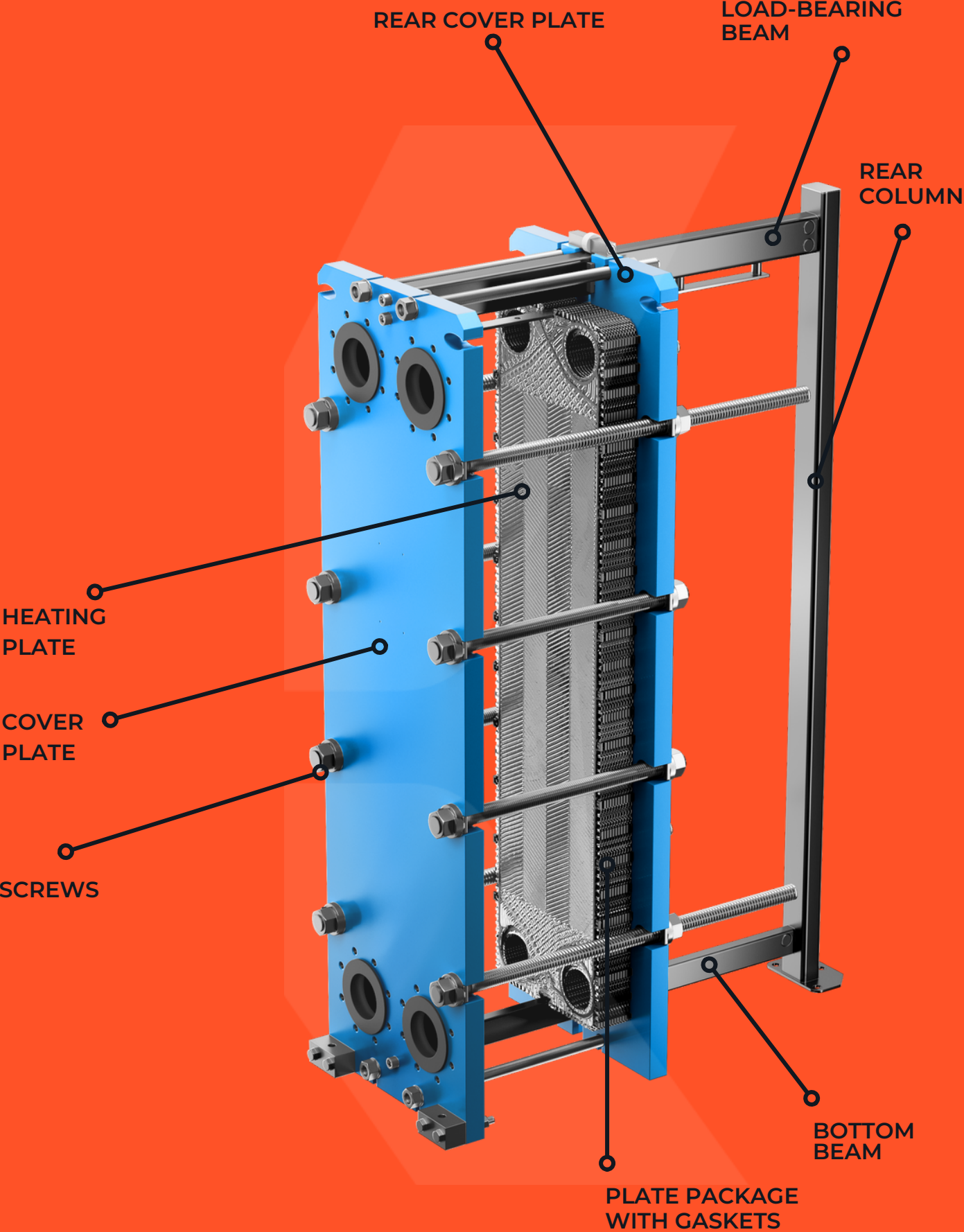
DISASSEMBLABLE CONSTRUCTION - ALLOWS FOR CLEANING AND POTENTIAL EXPANSION.



WIDE RANGE OF PRODUCTS.

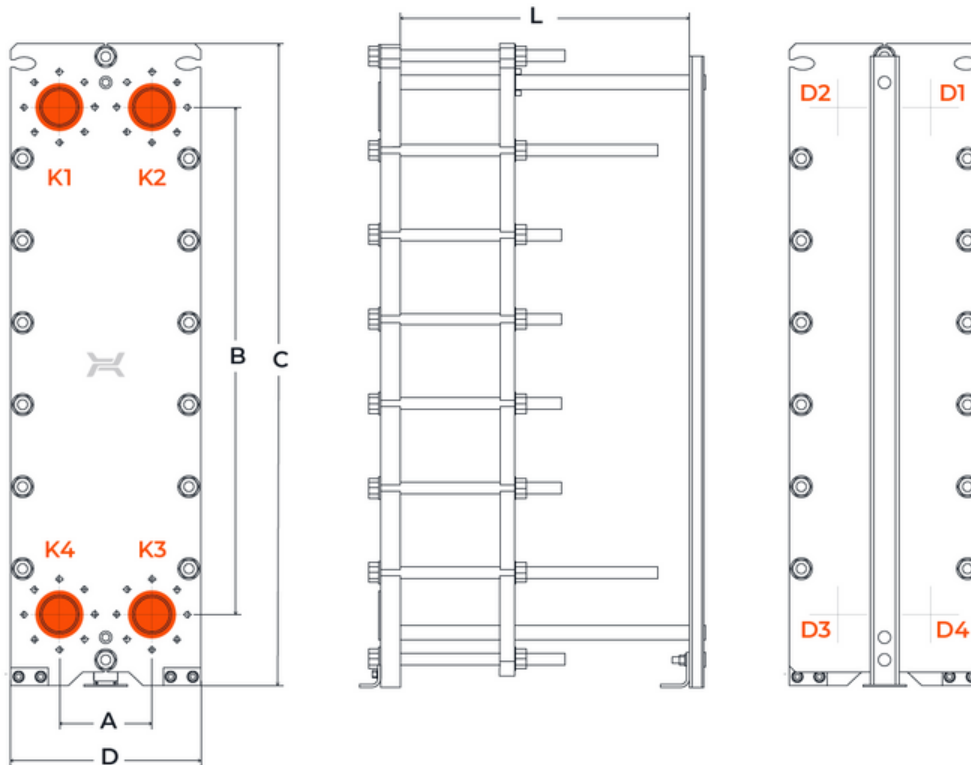


DESIGN



WORKING PARAMETERS

- operating pressure depending on the model: 150, 250 psi.
- maximum temperature: 350°F
- minimum temperature: -4°F



TECHNICAL PARAMETERS

| Typ | Max. no. of plates. | Type of connections. | Dimensions of connections | Dimensions | | | | | Max. allowable pressure |
|--------|---------------------|----------------------|---------------------------|------------|-------|-------|-------|-------|-------------------------|
| | | | | in | | | | | |
| | | | | A | B | C | D | F max | PSI |
| FA-004 | 2.87 | Threaded connections | 1 1/4" NPT | 2.76 | 15 | 18.62 | 8.03 | 500 | 150, 250 |
| FB-007 | 6.18 | Threaded connections | 2" NPT | 4.96 | 15.51 | 23.46 | 12.60 | 1000 | 150, 250 |
| FB-020 | 6.18 | Threaded connections | 2" NPT | 4.96 | 35.20 | 43.15 | 12.60 | 1000 | 150, 250 |
| FC-009 | 6.38 | Flange holes | 2 1/2" | 7.56 | 14.96 | 26.1 | 15.55 | 1000 | 150, 250 |
| FC-031 | 6.38 | Flange holes | 2 1/2" | 7.56 | 41.34 | 52.48 | 15.55 | 1000 | 150, 250 |
| FD-051 | 17 | Flange holes | 4" | 8.86/ 9.05 | 53.74 | 68.11 | 20.08 | 4000 | 150, 250 |

ACCESSORIES

Thermal insulation
for plate heat exchangers is
made of rock wool covered
with aluminum (AMWI).



Drip tray
Used for collecting
condensation in
refrigeration applications.





hexonic.com