

F

PLATE & FRAME HEAT EXCHANGER



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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.

APPLICATIONS



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.



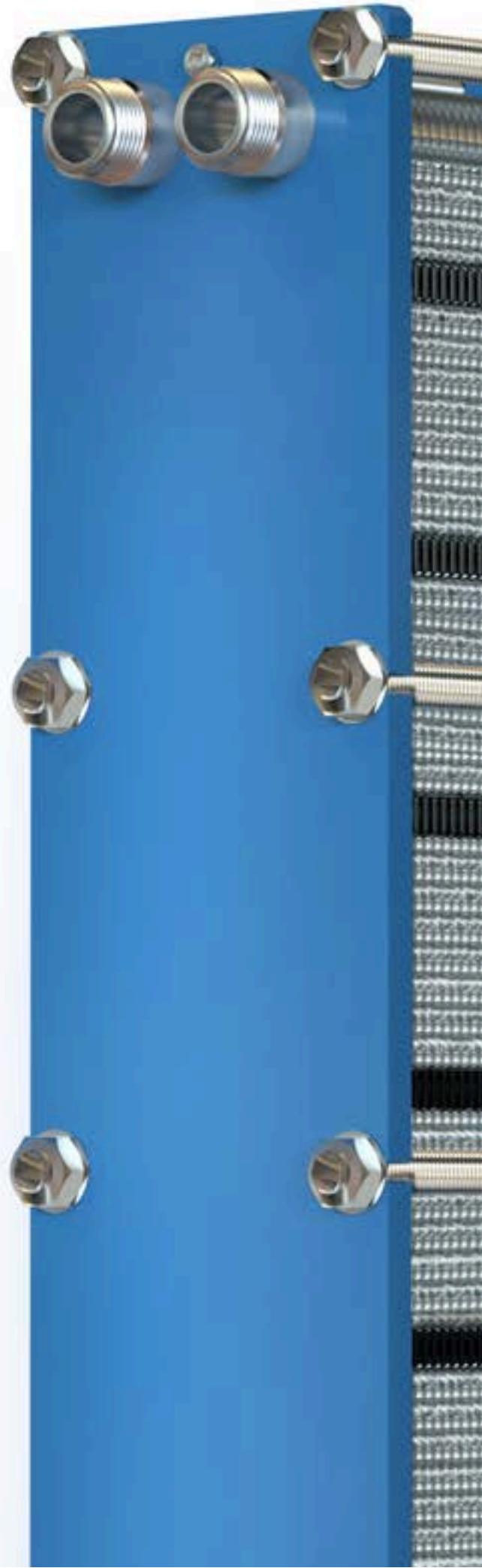
HEATING PLATES MADE OF STAINLESS STEEL OR TITANIUM FOR USE IN SYSTEMS WITH AGGRESSIVE FLUIDS OR SALTWATER POOLS.



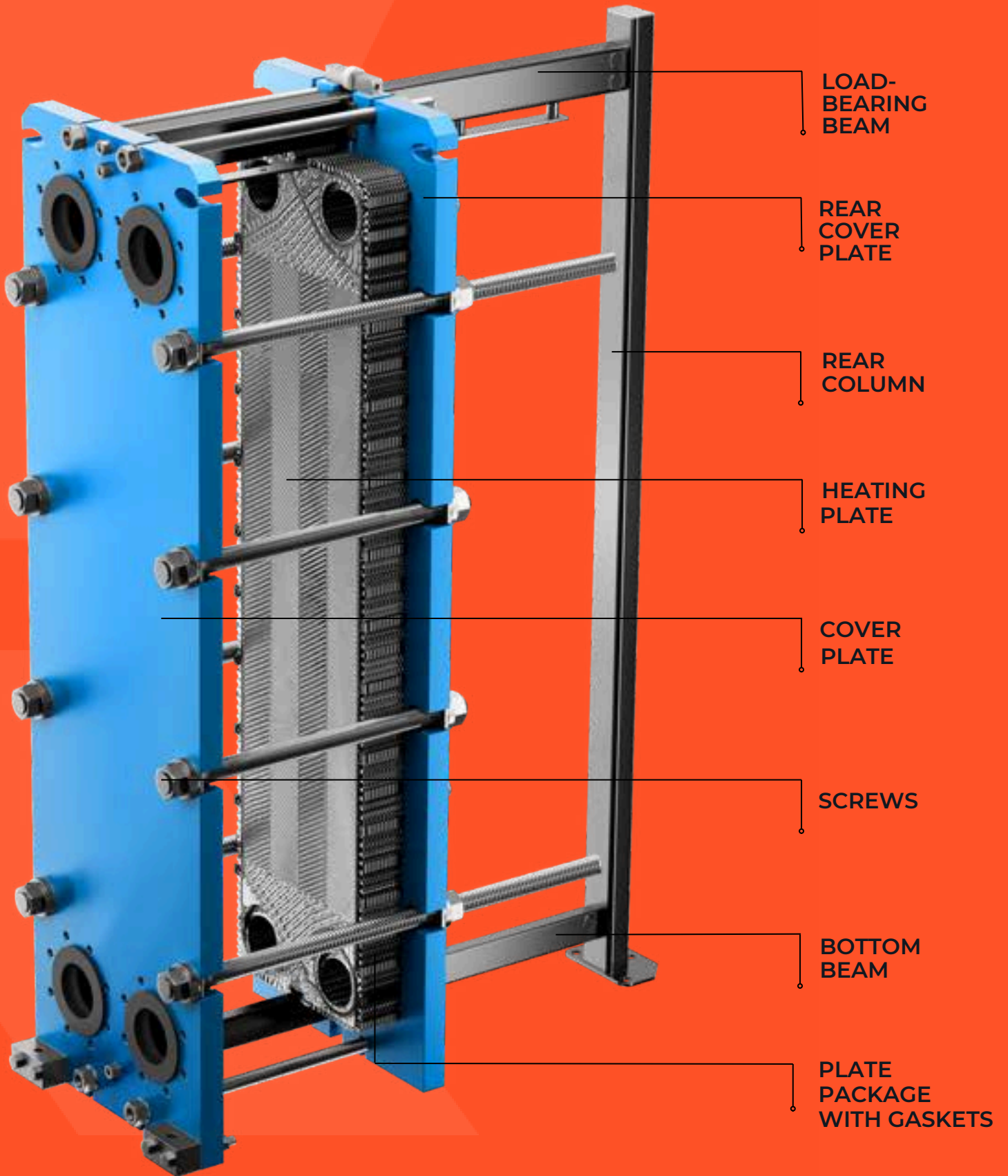
DISASSEMBLABLE CONSTRUCTION ALLOWS FOR CLEANING AND POTENTIAL EXPANSION.



WIDE RANGE OF PRODUCTS.

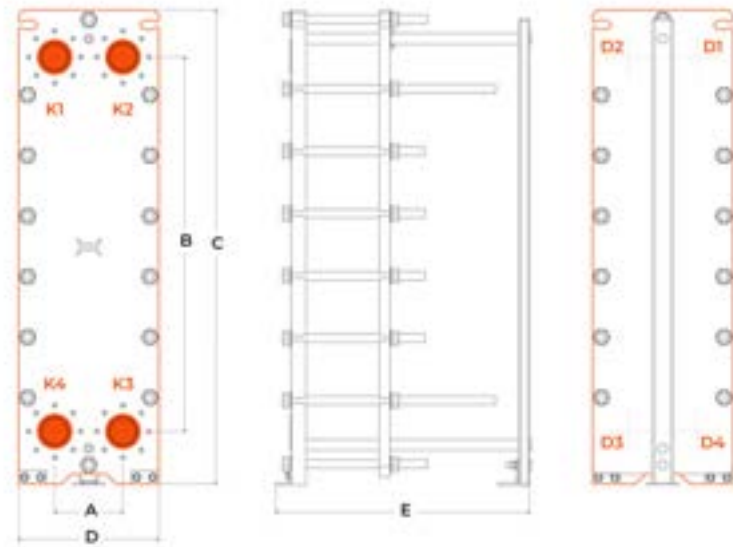


DESIGN



WORKING PARAMETERS

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



TECHNICAL PARAMETERS

Dimensions									
Type	A [in]	B [in]	C [in]	D [in]	E max [in]	Max. allowable pressure (PSI)	Max. no. of plates	Type and material of connections	Connection sizes
FA-004	2,76	15	18,62	8,03	24,61	150, 250	73	Threaded connections, Nozzle material: SS, TI	1 1/4" NPT
FB-007	4,96	15,51	23,46	12,6	45,98	150, 250	157	Threaded connections, Nozzle material: SS, TI	2" NPT
FB-020	4,96	35,2	43,15	12,6	45,98	150, 250	157	Threaded connections, Nozzle material: SS, TI	2" NPT
FC-009	7,56	14,96	26,1	16,34	43,9	150, 250	162	Flange holes, Liner material: NBR, EPDM VITON, SS, TI	2 1/2"
FC-031	7,56	41,34	52,48	16,34	43,9	150, 250	162	Flange holes, Liner material: NBR, EPDM VITON, SS, TI	2 1/2"
FD-051	9,06	53,74	70,16	20,08	115,63	150, 250	433	Flange holes, Liner material: NBR, EPDM VITON, SS, TI	4"

All dimensions and technical data are approximate only and may be changed without further notice.

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