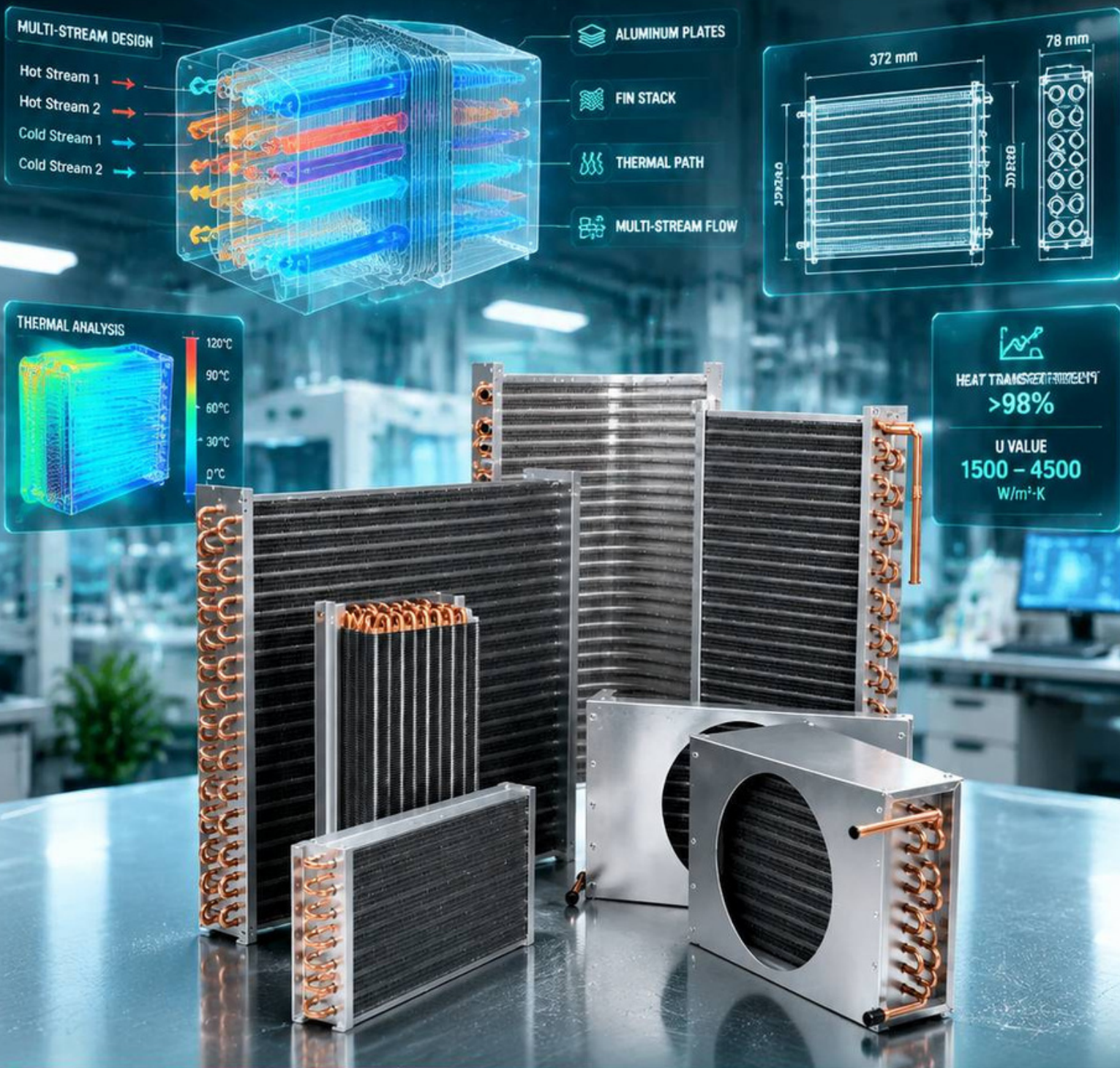


Plate Fin Heat Exchanger

High Efficiency Compact Thermal System

مبدل حرارتی فین پلیت

رامکار پیشرفته انتقال حرارت فشرده



HIGH
PERFORMANCE



THERMAL
EFFICIENCY $> 98\%$



BRAZED ALUMINUM
CORE



MULTI-STREAM
DESIGN



CRYOGENIC
APPLICATIONS



ASU | HVAC |
INDUSTRIAL GAS

PLATE FIN HEAT EXCHANGER



EXERGY

صلاحيات، ارزش، كيفيت



BRAZED
ALUMINUM CORE



OFFSET STRIP FIN
TECHNOLOGY

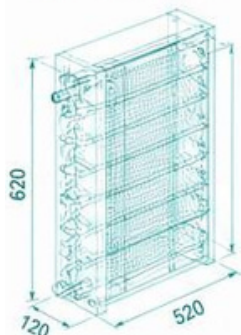


MULTI STREAM
DESIGN

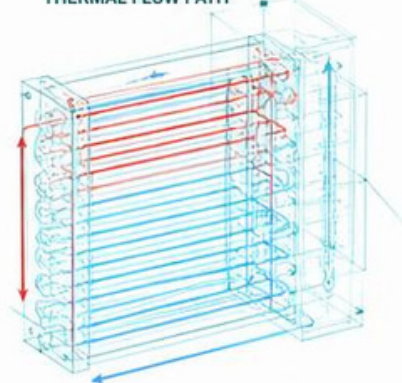


COMPACT HEAT
TRANSFER SYSTEM

EXPLODED
SEMI-CUTAWAY



THERMAL FLOW PATH



INTERNAL FLOW
PASSAGES

HEADER
CONNECTIONS

SIDE BARS

Structural
Support

ALUMINUM
BRAZED
STRUCTURE

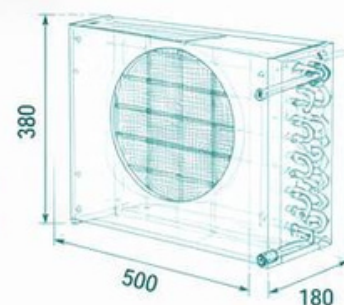
Strong
Leak Tight
Corrosion Resistant

HOT STREAM
CHANNELS
(Primary Side)

OFFSET
STRIP FINS
High Efficiency
Heat Transfer

FLAT
PLATES
Flow Distribution
& Separation

COLD STREAM
CHANNELS
(Secondary Side)



ساختار فشرده
با سطح انتقال حرارت بالا



طراحی سفارشی برای
کاربردهای صنعتی و فرآیندی



exerland.com



02166622309

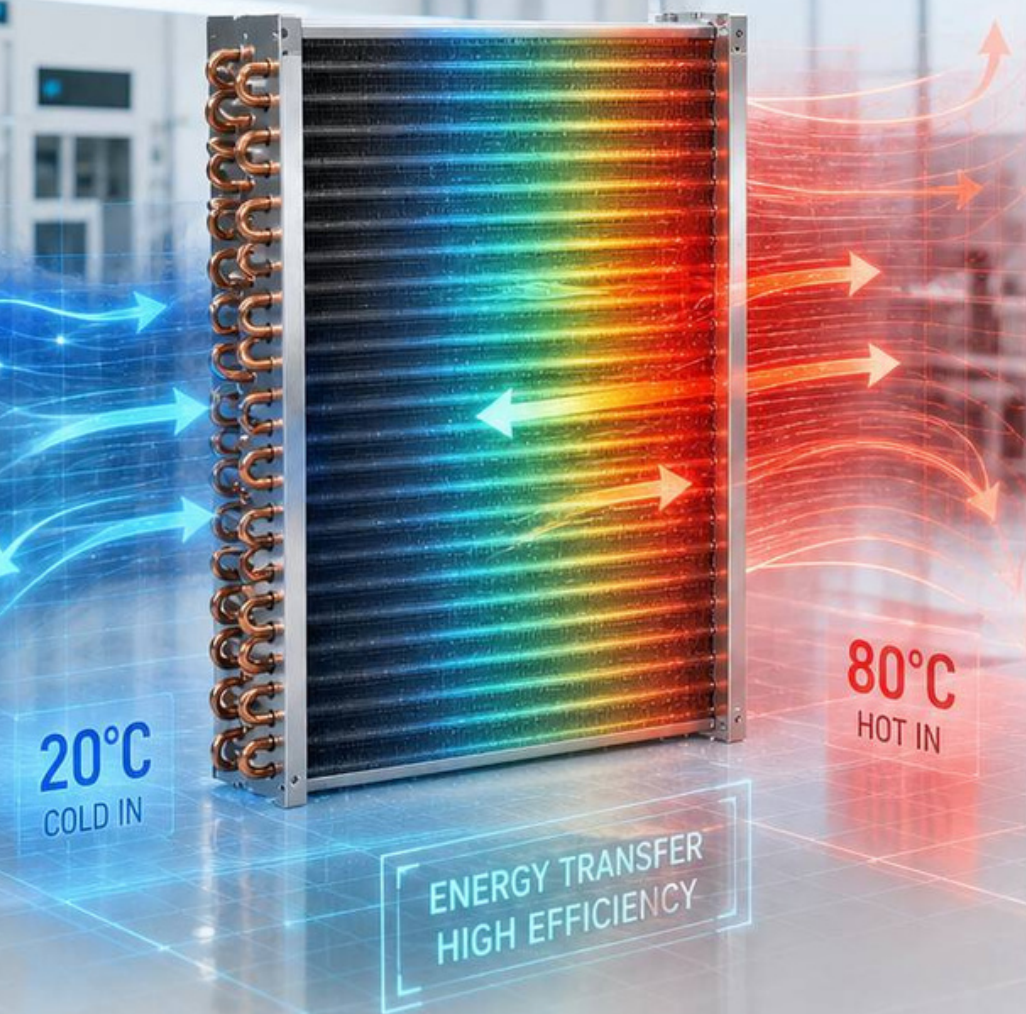


EXERGY

صلاحيات، ارزش، كيفيت

PLATE FIN HEAT EXCHANGER

HIGH EFFICIENCY • COMPACT DESIGN
ADVANCED HEAT TRANSFER SOLUTIONS



راندمان حرارتى بالا



انتقال حرارت سريع در حجم كم



طراحى بهينه بر اساس شرايط كارى

THERMAL PERFORMANCE



Efficiency:

>98%



Heat Transfer
Surface Density:

>700 m²/m³



Fin Technology:

Offset Strip Fin



Material:

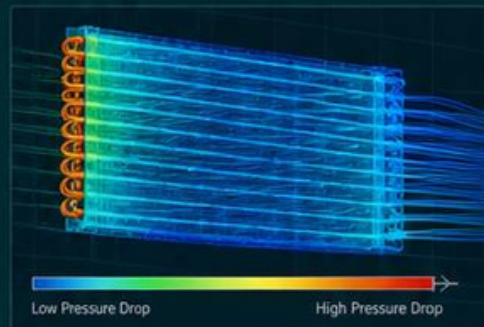
Brazed Aluminum Alloy



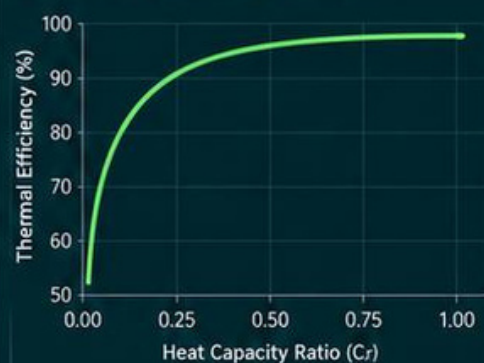
Flow:

Counter Flow / Multi Stream

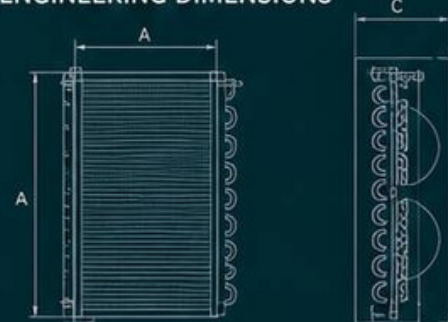
PRESSURE DROP ANALYSIS



THERMAL EFFICIENCY GRAPH



ENGINEERING DIMENSIONS



Dimensions (mm)		Connection
A (Height)	730	Copper Tube
B (Width)	450	
C (Depth)	120	Brazed
Connection Size	Ø 15.88 (5/8")	
Fin Pitch	2.1 mm	
Fin Thickness	0.12 mm	



EXERGY

صلاحیت، ارزش، کیفیت

راهکار مهندسی انتقال حرارت برای صنایع مختلف

CRYOGENIC SYSTEMS



OIL & GAS



PETROCHEMICAL



HVAC



INDUSTRIAL PROCESS



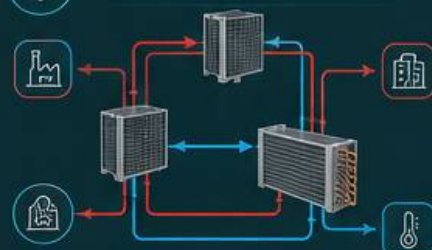
DIGITAL TWIN



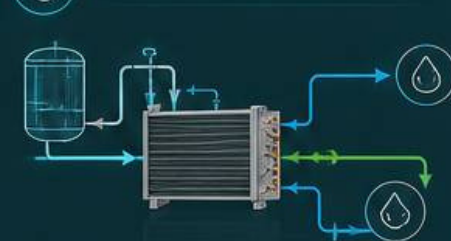
ENERGY RECOVERY



HEAT TRANSFER NETWORK



INDUSTRIAL PROCESS FLOW



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