

Mira EnergySaver: Elite and Alta Models

NEW PORTED PLATE HEAT EXCHANGER

The new Mira plate exchanger from SPX FLOW is designed to cover a wide range of applications and secure even better solutions for customers in the energy and industrial segments.

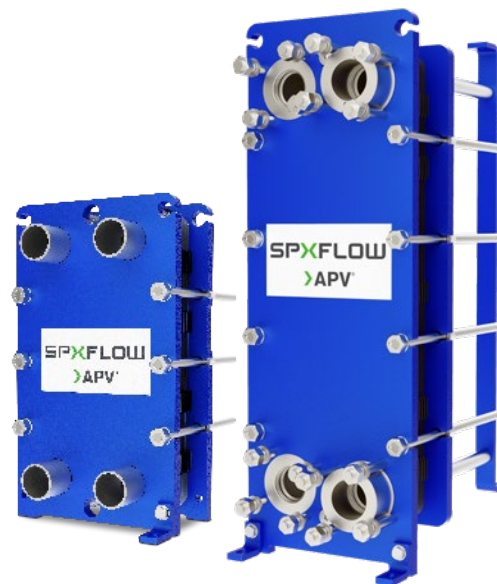
By implementing research developed over the past 10 years we can now deliver an even more cost effective heat exchanger with a superior ratio between plate thickness and pressure rating, leading to one of our most thermally efficient heat exchangers to date.

Frame dimensions:

The Mira platform consists of two plate lengths (M8 and M13)

ELITE FRAME	WIDTH IN INCHES (MM)	HEIGHT IN INCHES (MM)
M8-EA020A	12 (305)	21 (536)
M8-EA030A	13 (326)	21 (536)
M13-EA020A	12 (305)	31 (786)
M13-EA030A	13 (326)	31 (786)

ALTA FRAME	WIDTH IN INCHES (MM)	HEIGHT IN INCHES (MM)
M8-MA020A	12 (305)	24 (618)
M8-MA030A	13 (326)	24 (618)
M13-MA020A	12 (305)	35 (900)
M13-MA030A	13 (326)	35 (900)



Elite Preconfigured Units*:

PRECONFIGURED PART #	EASY TO INCORPORATE MIRA IN LARGER SYSTEM
M08EA20P5M15A	15 M08 PLATES .5 316 SS / NBR GASKETS
M08EA20P5M25A	25 M08 PLATES .5 316 SS / NBR GASKETS
M08EA20P5W15A	15 M08 PLATES .5 316 / EPDM GASKETS
M08EA20P5W25A	25 M08 PLATES .5 316 / EPDM GASKETS
M13EA20P5M25A	25 M13 PLATES .5 316 / NBR GASKETS
M13EA20P5M51A	51 M13 PLATES .5 316 / NBR GASKETS
M13EA20P5W25A	25 M13 PLATES .5 316 / EPDM GASKETS
M13EA20P5W51A	51 M13 PLATES .5 316 / EPDM GASKETS

*Available in the Americas only

	FEATURE	ADVANTAGES	WHAT'S IN IT FOR YOU!
A	INTER PLATE LOCKING SYSTEM INTEGRATED IN HANGING EYE	IMPROVED PLATE PACK STABILITY, WITH EXTREMELY MINIMAL LOSS OF HEAT TRANSFER AREA.	<ul style="list-style-type: none"> SAFE AND ECONOMIC OPERATION SIMPLE AND EFFICIENT SERVICEABILITY MINIMUM SERVICE DOWNTIME
B	GRADUATED CHOCOLATE BOX DISTRIBUTION	BETTER THERMAL PERFORMANCE OF PLATE -> REDUCTION IN M ² OF REQUIRED HEAT TRANSFER AREA AND IMPROVED PERFORMANCE	<ul style="list-style-type: none"> IMPROVES DISTRIBUTION OF MEDIA
C	NEW DOUBLECLIP GASKET AFFIXING SYSTEM	IMPROVED GASKET STABILITY, EASY REMOVAL AND REPLACEMENT OF GASKET.	<ul style="list-style-type: none"> RELIABLE OPERATION EASY AND QUICK TO REPLACE NO SPECIAL TOOLS NEEDED
D	CORRUGATED PLATE PATTERN - HEAT TRANSFER AREA	PROMOTED TURBULENCE, MINIMIZES FOULING	<ul style="list-style-type: none"> EXCELLENT HEAT RECOVERY EFFECT MAXIMIZES RUN TIME



General Specifications

Design:

Industrial frame, painted to RAL APV Blue Pantone 293

Lead Time:

Two weeks

	PED	ASME
DESIGN CODE:	PRESSURE EQUIPMENT DIRECTIVE PED EN 1.3445	ASME VIII DIV1
TEMPERATURE:	UP TO 150°C AND UP TO 16 BAR WITH APPROPRIATE SELECTIONS	UP TO 350 PSI AND UP TO 300°F DESIGN WITH APPROPRIATE SELECTIONS

Materials:

Plates: Stainless Steel EN 1.4404 ASTM A240 316L

Gaskets: NBR per. (FDA) and EPDM Res. High Temperature (ParaTemp2)

Elite Connections: 2" Stainless Steel Pipe NPT Thread; 50mm IPT EN 14404 ASTM A240 316L

Alta Connections: 2" Studded, mates with ANSI B16.5; 50mm Studded, mates with EN1092-1 DN 50, PN 16, PN 25

Alta Lining: Unlined Carbon Steel, 2 Piece Metallined (316L SS), Nitrile, EPDM O-Rings

Typical Applications

- Hot/Chilled water
- Central heating
- Water/Water
- Water/Oil
- General heating and cooling duties

SPXFLOW

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