

## Mira EnergySaver Elite

NEW 2" PORTED PLATE HEAT EXCHANGER

**The new 2" ported 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.

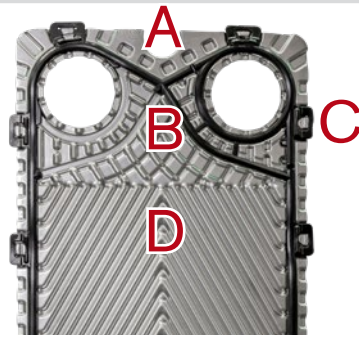
### Frame dimensions:

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

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



	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"> <li>SAFE AND ECONOMIC OPERATION</li> <li>SIMPLE AND EFFICIENT SERVICEABILITY</li> <li>MINIMUM SERVICE DOWNTIME</li> </ul>
B	GRADUATED CHOCOLATE BOX DISTRIBUTION	BETTER THERMAL PERFORMANCE OF PLATE -> REDUCTION IN M <sup>2</sup> OF REQUIRED HEAT TRANSFER AREA AND IMPROVED PERFORMANCE	<ul style="list-style-type: none"> <li>PREVENTS MAL-DISTRIBUTION</li> </ul>
C	NEW DOUBLECLIP GASKET AFFIXING SYSTEM	IMPROVED GASKET STABILITY AND REDUCED RISK OF GASKET BLOWOUT. EASY REMOVAL AND REPLACEMENT OF GASKET.	<ul style="list-style-type: none"> <li>RELIABLE OPERATION</li> <li>EASY AND QUICK TO REPLACE</li> <li>NO SPECIAL TOOLS NEEDED</li> </ul>
D	CORRUGATED PLATE PATTERN - HEAT TRANSFER AREA	PROMOTED TURBULENCE, MINIMIZES FOULING	<ul style="list-style-type: none"> <li>EXCELLENT HEAT RECOVERY EFFECT</li> <li>MAXIMIZES RUN TIME</li> </ul>



#### GENERAL SPECIFICATIONS

#### Design:

Industrial frame, painted to RAL 5010 Blue

	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(AISI316L)

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

Connections: 50mm 316L Pipe/50mm ISO Parallel Thread, EN 1.4404 (AISI316L)

#### TYPICAL APPLICATIONS

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

# SPXFLOW

**SPX FLOW TECHNOLOGY** Nordager 2, 6000 Kolding, Denmark

P: +31 65 181 22 11 | E: ft.kolding.hex.sales@spxflow.com | W: www.spxflow.com/apv

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