J EnergySaver+

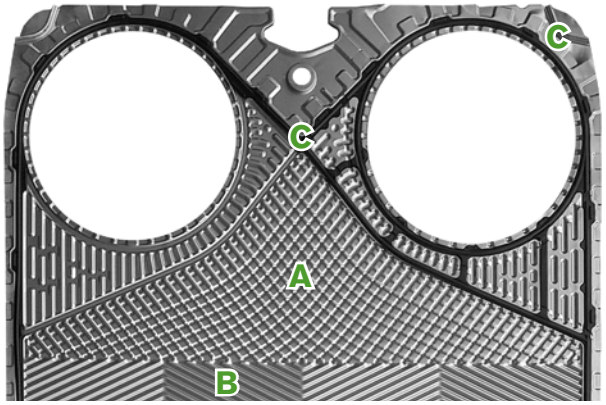
NEW 8 INCH PORTED PLATE HEAT EXCHANGER

The New 8 inch ported APV J EnergySaver+ from SPX FLOW is designed for extremely small temperature differences and offers a higher heat transfer rate compared to the standard EnergySaver model. The plate is targeted duties requiring a high heat recovery, such as District Heating/Cooling, Heat Recovery within Energy and Geothermal duties.

By Implementing our features developed over the past 10 years, we can now deliver an even more cost effective heat exchanger, with a super ratio of plate thickness to pressure rating.

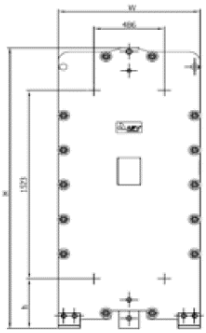
PLATE AVAILABILITY:	The J EnergySaver + plateform consists of 4 plate lenghts (J092ES+, J107ES+, J154ES+ and J185ES+) with a narrow EnergySaver plate pattern.
MAXIMUM HEAT SURFACE:	17,222 ft²
TYPICAL CAPACITIES:	Liquid flow rate up to 4200 GPM, depending on media, pressure drop and temperature requirements.

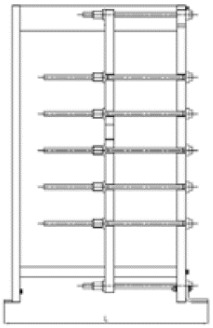
	FEATURE	ADVANTAGES	WHAT´S IN IT FOR YOU!
A	DISTRIBUTION AREA	Efficient Flow Distribution	▪ Prevents Mal-Distribution
B	CORRUGATED PLATE PATTERN – HEAT TRANSFER AREA	Promotes Turbulence, Minimize Fouling	▪ Excellent heat recovery effect ▪ Maximize run time
C	APV PLATE LOCKING SYSTEMS	APV “corner lock” and “bubble lock” concepts ensure a stable and well aligned plate pack when the unit is closed	▪ Safe and economic operation ▪ High serviceability ▪ Minimum service downtime
D	APV EASYCLIP GASKET SYSTEM	Bevelled gasket edges easily clip into place using your fingers Stays securely in place and provides high sealing integrity	▪ Reliable operation ▪ Easy and quick to replace ▪ No special tools needed



Frame Dimensions:

FRAME	WIDTH inch	HEIGHT inch	h inch	NOMINAL CONNECTION SIZE inch	DESIGN PRESSURE
J060 M-10	34 7/8"	61 7/8"	13"	8"	150 psi
J092 M-10	34 7/8"	76 5/8"	13"	8"	150 psi
J107 M-10	34 7/8"	84 1/16"	13"	8"	150 psi
J154 M-10	33 7/16"	103 1/8"	13"	8"	150 psi
J185 M-10	34 7/8"	121 7/8"	13"	8"	150 psi





Connections:

FRAME	SIZE	DIN 2501	ANSI B16.5	JIS B2210
M-10	200 MM / 8"	ND16	CL.150	10K

GENERAL SPECIFICATIONS

Design:

Industrial frame mild steel, painted to RAL5010 Blue

	PED	ASME
DESIGN CODE	PRESSURE EQUIPMENT DIRECTIVE PED EN 1.3445	ASME VIII DIV 1. & API 622
DESIGN PRESSURE	UP TO 25 BAR	UP TO 25 BAR
TEMPERATURE	0 - 150°C	UP TO 200°C

Materials:

Plates: SS304, SS316L, Titanium, SMO254, Alloy C276 and C2000

Gaskets: NBR, EPDM, HNBR, EPDM HT, FKM (Viton)

Connections: Rubberlined (NBR & EPDM), Metal lining (SS316, Titanium, SMO254, C276 and C2000)

TYPICAL APPLICATIONS

HVAC:
- District Heating / Cooling
- Thermal Storage Systems

Energy:
- Geothermal
- Heat Recovery

Marine:
- Central Cooling
- Jacket Fresh Water Cooling

Industrial:
- Product Heating/ Cooling
- Waste Water

Chemical:
- Product Heating/ Cooling
- Interchanging

Oil & Gas:
- Sea Water Coolers
- Crude Oil Heat Treatment

SPXFLOW

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