

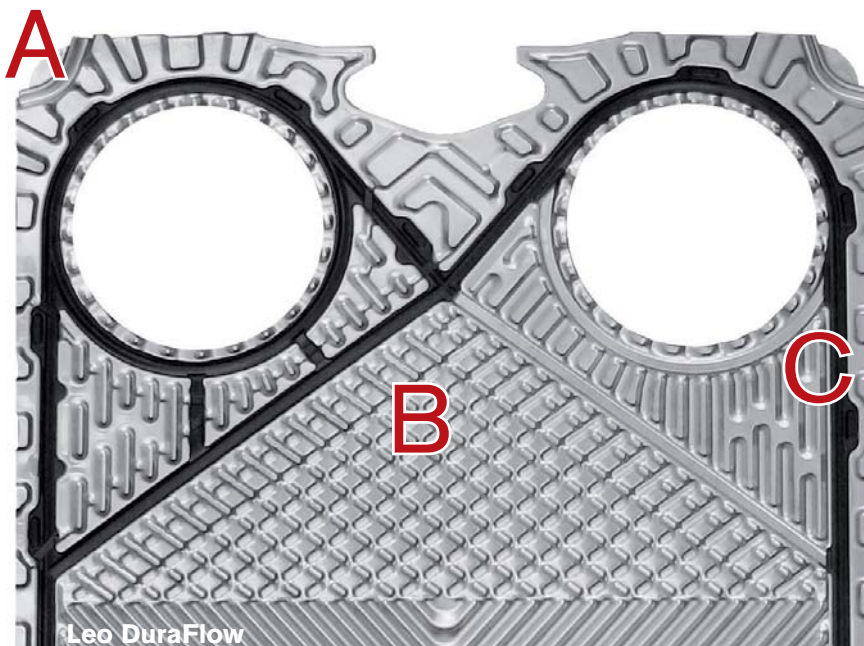
Leo DuraFlow & EnergySaver

NEW 6" PORTED PLATE HEAT EXCHANGER

The new 6" ported APV Leo plate heat exchanger from SPX is designed to cover a wide range of applications and secure even better solutions for customers in the energy, marine and industrial segments

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

	FEATURE	ADVANTAGES	WHAT'S IN IT FOR YOU!
A	CORNERLOCK	SUPERIOR PLATE STACK STABILITY ENABLES THE USE OF THINNER AND MORE EFFICIENT PLATES WITHOUT COMPROMISING MECHANICAL STRENGTH.	
B	GRADUATED "CHOCOLATE BOX" DISTRIBUTION	BETTER THERMAL PERFORMANCE OF PLATE LEADING TO REDUCTION OF REQUIRED HEAT TRANSFER AREA AND IMPROVED PERFORMANCE	INCREASED PRODUCTION TIME AS MAINTENANCE TIME IS REDUCED TO A MINIMUM. SERVICE CAN BE DONE EASILY BY PERSONEL ON SITE SAVING BOTH TIME AND MONEY. LONGER LIFE OF PLATEPACK.
C	EASYCLIP	IMPROVED STABILITY OF GASKET AND REDUCED RISK OF GASKET BLOWOUT. EASY REMOVAL AND REPLACEMENT OF GASKET.	



The Leo platform consists of two plate lengths (Leo 039 & Leo 080) and two plate types (DuraFlow & EnergySaver) for optimal coverage.

Frame dimensions:

FRAME	WIDTH INCH (MM)	HEIGHT INCH (MM)	NOMINAL CONNECTION SIZE INCH (MM)	DESIGN PRESSURE
LEO 039 M-07	22" (582)	64" (1627)	6" (150)	100 PSI / 7 BAR
LEO 039 M-10				150 PSI / 10 BAR
LEO 039 M-20	23" (608)	66" (1699)		300 PSI / 20 BAR
LEO 039 M-27				400 PSI / 27 BAR
LEO 080 M-07	22" (582)	94" (2390)		100 PSI / 7 BAR
LEO 080 M-10				150 PSI / 10 BAR
LEO 080 M-20	24" (618)	96" (2461)		300 PSI / 20 BAR
LEO 080 M-27				400 PSI / 27 BAR

GENERAL SPECIFICATIONS

Design:

Industrial frame, painted to RAL 5010 Blue

	PED	ASME
DESIGN CODE:	PRESSURE EQUIPMENT DIRECTIVE PED EN 1.3445	ASME VIII DIV 1. & API 622
TEMPERATURE:	0 - 150°C	UP TO 392°F UP TO 200°C

Materials:

Plates: Stainless steel AISI304, AISI316/316L bright annealed or Titanium Gr.1

Gaskets: NBR or EPDM EasyClip

Connections: AISI316, Titanium or Rubber Lined (NBR & EPDM)

TYPICAL APPLICATIONS

Industry:

- General heating and cooling duties

Energy:

- Hot tap water
- Central heating

Marine:

- Water/Water
- Water/Oil

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For more information about our worldwide locations, approvals, certifications, and local representatives, please visit www.spx.com.

SPX Corporation reserves the right to incorporate our latest design and material changes without notice or obligation. Design features, materials of construction and dimensional data, as described in this bulletin, are provided for your information only and should not be relied upon unless confirmed in writing.

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