

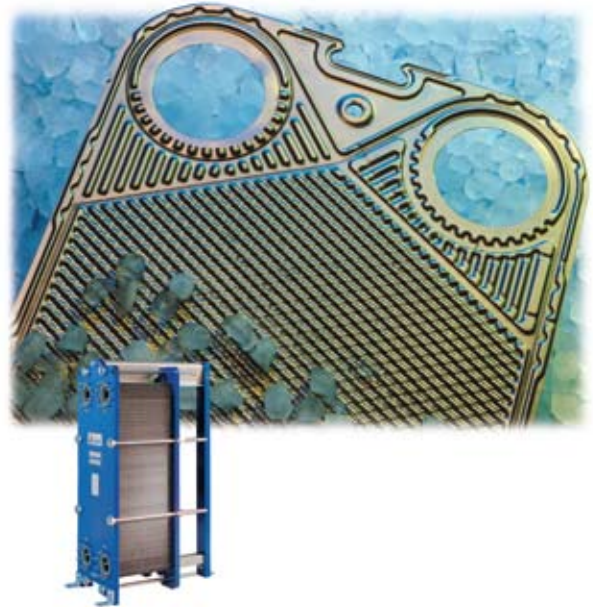
# APV ParaWeld Semi-Welded Plate Heat Exchanger

## Description:

APV ParaWeld consists of plates welded in pairs using a patented laser welding process. Each second channel is secured by a welding, and the other channels by gaskets. Welded channels allow handling of aggressive and difficult media in plate heat exchangers.

APV ParaWeld plates are typically used for refrigerants like ammonia and freon, chemical and general process duties which involve aggressive media.

A patented plate design results in lower capital costs due to the high thermal efficiency and strong mechanical construction. The APV patented Tri-Flash system enables the use of Plate Heat Exchangers for Direct Expansion Evaporation.

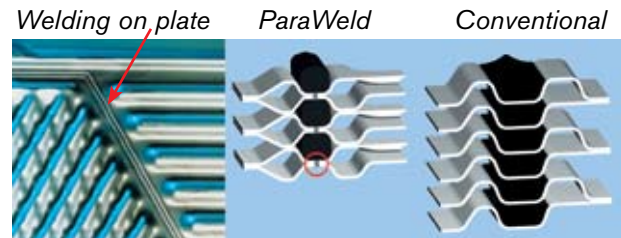




Type:	Height In (mm):	Width In (mm):	Connection In (mm):
LR2	42 (1,070)	16 (395)	3 (65)
LR4	59 (1,490)	23 (574)	5 (125)
LR9GL	68 (1,717)	32 (804)	8 (200)
LR9GN	85 (2,150)	32 (804)	8 (200)
LR9AV	102 (2,597)	32 (804)	8 (200)
LR9AL	119 (3,029)	32 (804)	8 (200)
B063	73 (1,843)	39 (980)	12 (300)
B110L	91 (2,323)	39 (980)	12 (300)
B134L	105 (2,670)	39 (980)	12 (300)
B158L	115 (2,910)	39 (980)	12 (300)
B205L	133 (3,390)	39 (980)	12 (300)

*Dedicated Direct Expansion Evaporation:*

Type:	Height In (mm):	Width In (mm):	Connection In (mm):
LX2	44 (1,107)	15 (391)	3 (65)
LX9GN	85 (2,165)	33 (826)	8 (200)
LX9AV	102 (2,597)	36 (926)	8 (200)



**Materials:**

Plates: AISI 316, AISI 904L, 254 SMO, Hastelloy, C2000, Titanium and Nickel  
 Gaskets: NBR, EPDM, FPM, CR, CSP, TFEP  
 Port rings: PTFE lined option

Working conditions: Max. temperature: Up to 392 °F (200 °C) Min. temperature: Down to - 36 °F (-38 °C) Max. design pressure: 435 psi (30 bar)	Approvals: PED Module B According to ASME VIII division 1
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For more information about our worldwide locations, approvals, certifications, and local representatives, please visit [www.apv.com](http://www.apv.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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