

APV ParaWeld

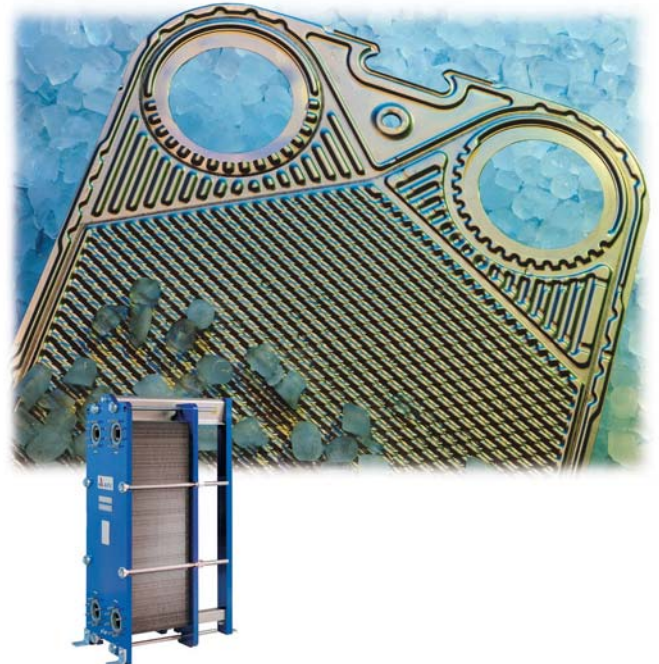
SEMI-WELDED PLATE HEAT EXCHANGER

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. Widely 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.

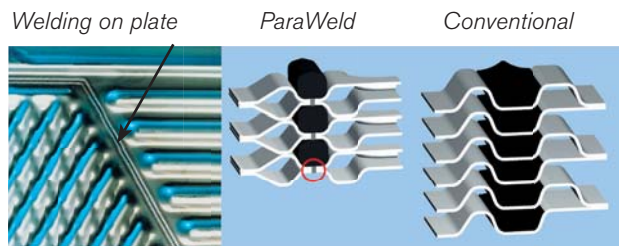




Dedicated Direct Expansion Evaporation:

TYPE:	HEIGHT MM:	WIDTH MM:	CONNECTION MM:
LR2	1.070	395	65
LR4	1.490	574	125
LR9GL	1.717	804	200
LR9GN	2.150	804	200
LR9AV	2.597	804	200
LR9AL	3.029	804	200
B063	1.843	980	300
B110L	2.323	980	300
B134L	2.670	980	300
B158L	2.910	980	300
B205L	3.390	980	300

TYPE:	HEIGHT MM:	WIDTH MM:	CONNECTION MM:
LX2	1.107	391	65
LX9GN	2.165	826	200
LX9AV	2.597	926	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 200 °C
 Min. temperature: Down to -38 °C
 Max. design pressure: 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.

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