



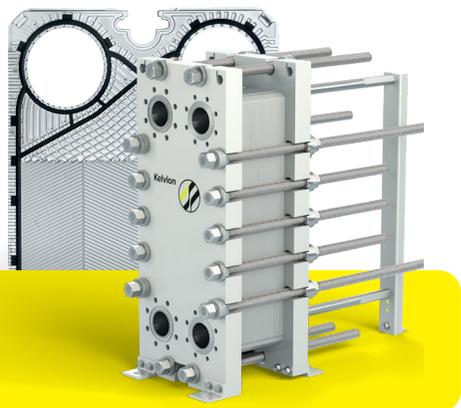
Innovative laser-welded PHE for commercial and industrial **heat pump solutions**

Extremely **high pressure resistance & highest efficiency**

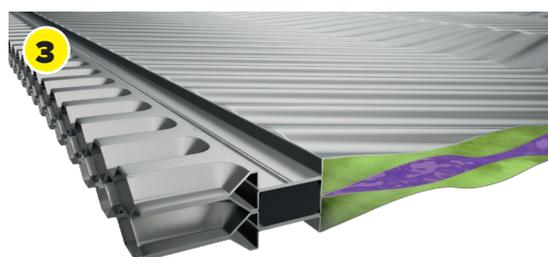
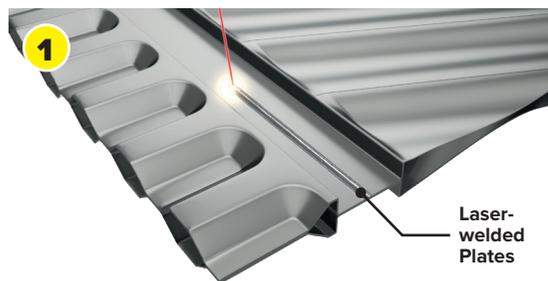
**High reliability** for critical media

## Gasketed Plate Heat Exchanger

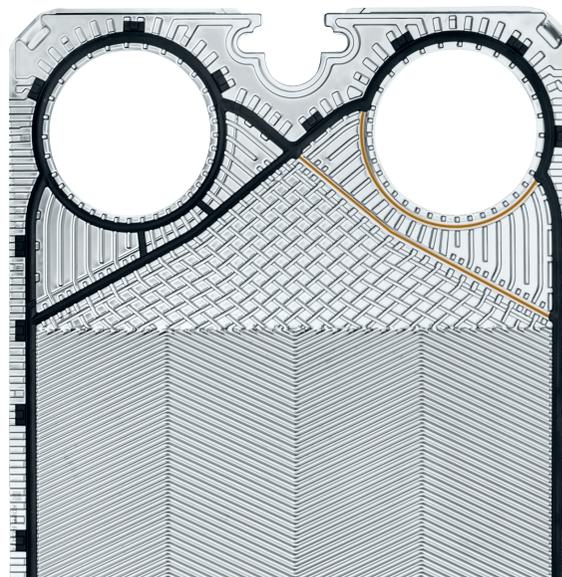
# HPL HIGH PRESSURE LASER-WELDED TECHNOLOGY



### PRINCIPLE – LASER-WELDED CASSETTE

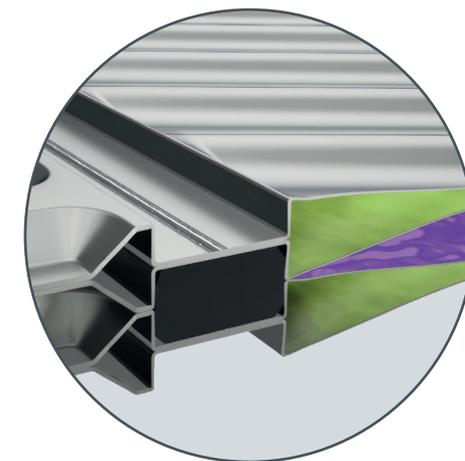


- ▶ The HPL combines the advantages of a highly efficient plate and a laser-welded cassette
- ▶ The HPL plate gap is extremely narrow with turbulent flow for highly efficient heat transfer



### SAFETY MEETS EASY MAINTENANCE

- ◉ Easily accessible gasketed flow channels for non-critical medium.
- ◉ Hermetically sealed welded flow channels for critical medium



## YOUR BENEFITS

- ▶ **Designed for demanding applications:** Test pressure up to 95 bar-g on welded side in combination with high temperature and critical media.
- ▶ **Compact & cost-efficient solution:** Desuperheating, condensation and subcooling in one unit.
- ▶ **Low invest:** Thanks to highest efficiency less heat transfer surface required.

### INDUSTRIES



Type	Unit Width		Unit Height		Connection		Maximum Flowrate		Maximum Design Pressure*	
	mm	inch	mm	inch			m <sup>3</sup> /h	USGPM	barg	psig
HPL100S	572	22.52	1,370	53.94	100	4	160	700	63.3	918

\* welded side