



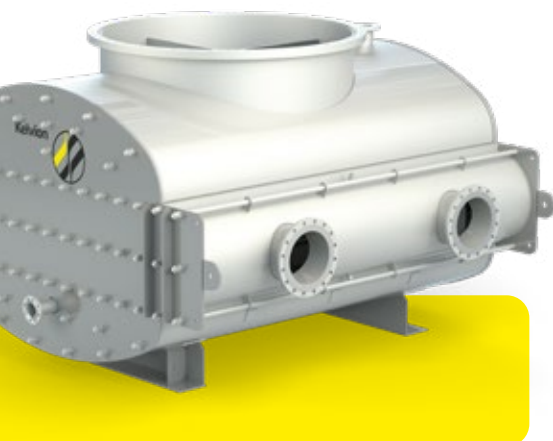
Process Heat Transfer Solutions

K°FLEX

High condensation output
up to 200 MW

Minimal pressure loss

Variable temperature and
pressure limits



TECHNICAL FEATURES

The K°Flex combines the advantages of shell-and-tube and plate heat exchangers in a single apparatus. This makes it predestined for the most varied applications: e.g. as a condenser in the power station sector, as a plate-type falling-film evaporator in the sugar industry, as a condenser, evaporator and heat exchanger for the thermal treatment of 2-phase mixtures in the chemical and petrochemical industries as well as in the oil and gas industry.



DS 1



DS 2-3



DS 4

DESIGN PARAMETER



DESIGN PRESSURE

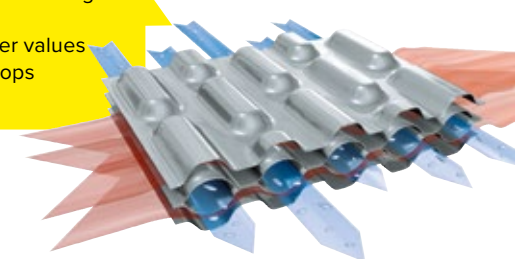
70 bar
1015 psi



DESIGN TEMPERATURE

+650°C
+1202°F

- ▶ Compact size | lower weight
- ▶ Modular design
- ▶ High heat transfer values
- ▶ Low pressure drops
- ▶ High flow rates



MARKETS



Carbon
Capture



HVAC



Chemicals



Power



Oil & Gas

TYPE	PRESSURE WAVE SIDE	PRESSURE TUBE SIDE Standard / [Flexible Design]	SURFACE AREA Standard / [Flexible Design]	APPLICATION
DS 1	10bar / 145PSI	FV to 0.5bar 7.25PSI	350–2500 m ² / [100–12500 m ²]	Vacuum Condensation
DS 2	16bar / 230PSI	FV to 6bar 87PSI		
DS 3	25bar / 363PSI	16bar 230PSI	350–2500 m ² / [100–12500 m ²]	District Heating, Condensation / Evaporation
DS 4	45bar / 652PSI	25bar 363PSI		