



Mines and pits placed special demands on plate heat exchangers because a high level of humidity poses enormous additional requirements to plates and gaskets. For this reason, the used thermowave evaporators and condensers had been attuned to these conditions.

**Plate heat exchangers from the series TL 650 KDKL are characterized as follows:**

Refrigerant	Water	Ammonia
Input temperature [°C]	26,0 [°C]	55,0 [°C]
Outlet temperature [°C]	32,0 [°C]	35,0 [°C]
Condensation temperature [°C]		35,0 [°C]
Output [kW]	1.740 [kW]	
Dimensions (L x W x H) [mm]	1.500 x 730 x 1.750	
Weight (lempy) [kg]	2.293,6 [kg]	

**Plate heat exchangers from the series TL 850 KCKL are characterized as follows:**

Refrigerant	CaCl <sub>2</sub>	Ammonia
Input temperature [°C]	-27,6 [°C]	
Outlet temperature [°C]	-32,0 [°C]	
Condensation temperature [°C]		-36,0 [°C]
Output [kW]	940 [kW]	
Dimensions (L x W x H) [mm]	1.250 x 730 x 2.290	
Weight (lempy) [kg]	2.577,6 [kg]	