

Hei-CHILL Selection

Hei-VAP bases on solvent

ENTHALPY OF EVAPORATION (at 50°C)	EXAMPLES	PROCESSING TYPE	FLASK SIZE	POWER LEVEL	GENERAL INFORMATION	
< 500 J/g	- Cyclohexane - Dichloromethane - Ether - Toluene - Octane - Heptane - Hexane	Batch	Up to 2 L	 Hei-CHILL 400 Pro Cooling capacity at 400 W 591-01640-00	- To protect the condenser coils, the maximum pressure of the circulating fluid must not exceed 2 bar. Ensure a resistance-free flow of the liquid without backflow and blockages. - Observe the marking on your condenser for the maximum vapour rise height. The areas above this mark should always remain free of condensate and vapour so that no vapour is drawn into the vacuum pump. This could lead to a loss of performance of the vacuum pump and a shortened service life of the valve discs. - Only use the recommended cooling liquid to avoid contamination or damages due to insufficient temperature resistance or not suitable viscosity. - The Hei-CHILL Pro series uses a natural refrigerant with a Global Warming Potential (GWP) of 3. The Hei-CHILL Peltier do not use any refrigerant and do not cause Global Warming Potential.	
	- Acetone - Acetonitrile - Methanol - Ethanol - Water & water mixtures (batch)	Batch (Water & water mixtures)		 Hei-CHILL Peltier Cooling capacity at 600 W 591-01910-00		
< 800 J/g	- Methanol - Ethanol - Water & water mixtures	High volume batches 24/7	Up to 3 L	 Hei-CHILL 700 Pro Cooling capacity at 700 W 591-01650-00		
				Up to 5 L		 Hei-CHILL 1100 Pro Cooling capacity at 1,100 W 591-01660-00
						 Hei-VOLUME Distimatic Pro Simply smart – automatically process unlimited amounts

Multiple Evaporators
Only recommended with Hei-CHILL 700 Pro and Hei-CHILL 1100 Pro