

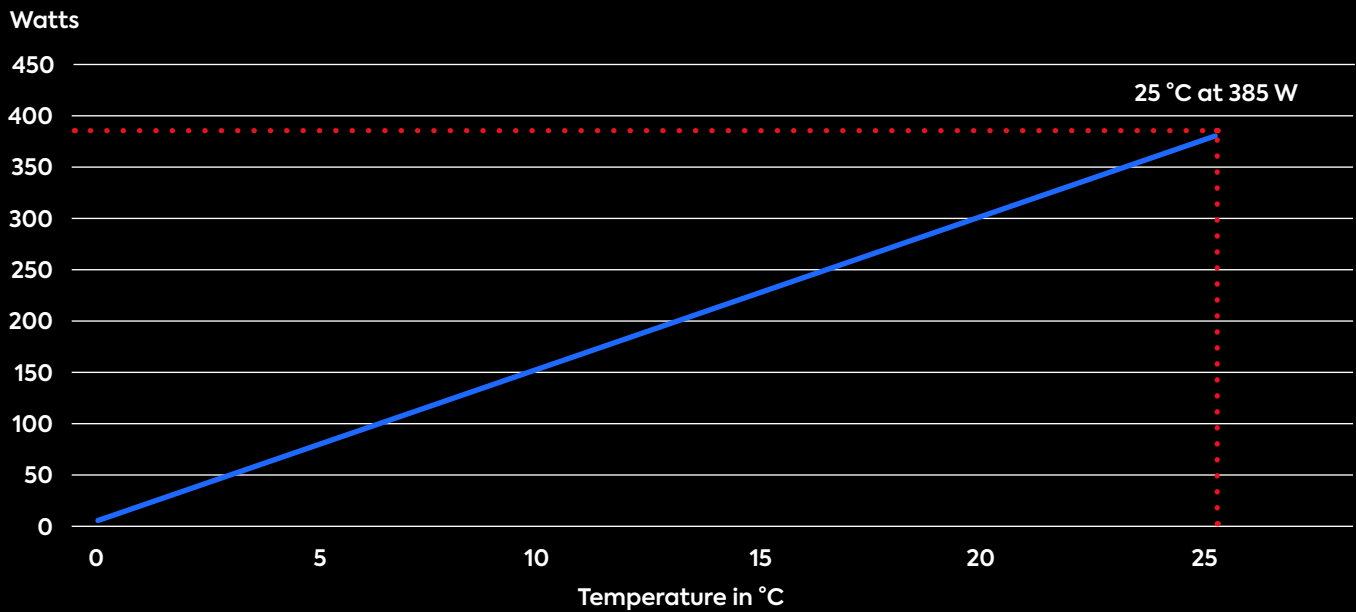
High Level Accuracy Peltier Chiller

19" rack-mounted
thermoelectric cooling system



Reliable and efficient

technotrans systems GmbH expands and complements its product portfolio to include cooling devices based on Peltier technology. Thermoelectric chillers are particularly suitable for lower cooling power ranges between 200 W and 600 W requiring a very high level of temperature accuracy. In addition, these devices are designed to be especially compact and energy efficient. Low noise and low vibration contribute to optimal operating conditions for applications in the laser and semiconductor industries, as well as in analytical, laboratory and medical applications.



ADVANTAGES AT A GLANCE

- High performance
- High energy efficiency
- Variable voltage power control for even greater efficiency
- Very high temperature stability
- Low noise level during operation
- Low operating cost
- High-end components
- Compatible for various fluid media
- Several pump options available
- Variable fan speed
- Size and service-optimized

Cooling capacity at 0 °C Δt	W	385
Temperature stability	K	0.05
Control range	°C	+5 to +45
Heating	W	up to 600
Flow rate at 1 bar	l/min	3
Power supply	V AC	100–240
Sound level	dBA	59
Serial communication		RS-485
Dimensions	width (19" rack) x depth approx.	mm 440
	height (1HU = 44.5 mm)	HU 4
	weight approx.	kg 18

