

p1000 Liquid Chiller 19" rackable

Air-water 24 V DC compressor-based 19" rack chiller



Liquid Chiller 19"

Applications:

- Laser cooling
- Aesthetics
- Medical
- Electronics and enclosures
- Electric vehicle systems and components
- Laboratory equipment
- Patient cooling
- Military cooling
- Precision instruments
- Data centers
- Communication systems



P10030



P10070



P10120

Specifications	P10030	P10070	P10120
Cooling capacity ¹	300 W	700 W	1000 W
Compatible fluids ²	water / water glycol	water / water glycol	water / water glycol
Temperature stability	+/-0.1 °C	+/-0.1 °C	+/-0.1 °C
Refrigerant	R134a / R290 ⁴ (propane)	R134a / R290 ⁴ (propane)	R134a / R290 ⁴ (propane)
Control range	15 °C to 30 °C	15 °C to 30 °C	15 °C to 30 °C
Flow rate (l/min)	3.5 at 1 bar	3.5 at 1 bar	10 at 1 bar
Voltage (50/60 Hz)	100 - 240 V AC or 24 V DC	100 - 240 V AC or 24 V DC	100 - 240 V AC or 24 V DC
Maximum current	< 4 A	< 4 A	< 5 A
Operating temperature	15 °C to 35 °C	15 °C to 35 °C	15 °C to 35 °C
Storage temperature	5 °C to 65 °C	5 °C to 65 °C	5 °C to 65 °C
Sound level	65 < dBA	< 65 dBA	< 65 dBA
Dimensions ³ (HU)	3	4	5
Weight (Kg, without water)	approx. 30 Kg	approx. 32 Kg	approx. 35 Kg

¹ at 25 °C water and 32 °C ambient temperature

² DI water on demand (low conductivity)

³ drawing on demand

⁴ on demand

Reliable and efficient

technotrans expands and complements its product portfolio with a new range of energy-efficient liquid chiller modules for core cooling. For complete flexibility, these especially compact devices allow end consumers to adapt coolant fittings as needed. Low noise and low vibration contribute to optimal operating conditions for applications in the laser and semiconductor industries, as well as in analytical, medical and laboratory applications.

Custom configurations

In order to meet your special technical or design requirements, technotrans offers cooling systems constructed according to your specifications. For inquiries, please contact our technical engineers.

