



p1000 Liquid Chiller Modules

AIR-WATER 24 V DC COMPRESSOR BASED SUB-ASSEMBLIES



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the technotrans group

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p1000 Liquid Chiller Module Range

SPECIAL DESIGN FOR AESTHETIC-MEDICAL & ANALYTICS DEVICES



Specifications	P10040	P10070	P10120
Cooling capacity ¹	400 W	700 W	1200 W
Compatible fluids ²	water / water-glycol	water / water-glycol	water / water-glycol
Temperature stability	HGB & speed-regulated compressor ³	HGB & speed-regulated compressor ³	HGB & speed-regulated compressor ³
Refrigerant	R134a	R134a	R134a
Control range	15 °C to 30 °C	15 °C to 30 °C	15 °C to 30 °C
Voltage	24 V	24 V	24 V
Maximum current	<12 A	<15 A	<15 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	<52 DbA	<58 DbA	<62 DbA
Dimensions ⁴ (mm)	220 x 180 x 210	220 x 180 x 210	270 x 347 x 210
Weight (without water)	5 kg	5,5 kg	7 kg

¹at Δt 0 °C and 25°C ambient temperature

²DI water on demand (low conductivity)

³speed-regulated compressor from customer

⁴drawing on demand

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

RELIABLE AND EFFICIENT

termotek GmbH 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, termotek offers cooling systems constructed according to your specifications. For inquiries, please contact our technical engineers.



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