

CARDIOQUIP MCH-1000(M)



ABOUT

The **CardioQuip MCH-1000(m)** is a compact and efficient heater/cooler system tailored for procedures requiring precise thermal regulation. Its smaller design makes it ideal for applications with limited space, without compromising performance. With an intuitive touchscreen interface and self-priming technology, the MCH-1000(m) simplifies operation and enhances workflow. It maintains accurate temperature control and supports a wide range of thermal regulation needs in critical care and surgical environments. Designed for versatility, it includes quick-connect fittings and is compatible with multiple hose kits to suit various setups.



FEATURES

Compact Design: Space-efficient unit ideal for environments with limited room.

Accurate Temperature Control: Maintains temperatures from 0°C to 42°C with a precision of $\pm 0.5^\circ\text{C}$.

User-Friendly Interface: Intuitive touchscreen simplifies temperature adjustments and system monitoring.

Self-Priming Technology: Reduces manual effort by automatically removing air from tubing lines.

Flexible Connections: Features quick-connect fittings and compatibility with various hose kits for easy integration.

GENERAL

Water Capacity (min/max): 1 gal (3.8L) / 2.5 gal (9.5 L)

Cooling Medium: Ice (Optional: Thermo-Electric Cooling Module)

Water Path: Single

Maximum Flow Rate (high/low): 20/14 lpm (5.3/3.7 GPM)

Maximum Pressure: 83 kPa/ 12 psi (closed loop, blocked flow)

Water Connections: Quick-connect, no-spill, two-way shutoff fittings. Hose kit included.

Temperature Control: CRange 0-42°C Accuracy $\pm 0.5^\circ\text{C}$, Setting 0.1°

Power Consumption: Max Peak 1900W, Typ <1740W

SPECIFICATIONS



DIMENSIONS

Height: 16 inches (41 cm)

Width: 9 inches (23 cm)

Depth: 19 inches (48 cm)

Weight (empty/full/max): 45 lb (20 kg) / 65 lb (29 kg) / 76 lb (34 kg)

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Water Path: Single

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Maximum Pressure: 83 kPa/ 12 psi (closed loop, blocked flow)

Water Connections: Quick-connect, no-spill, two-way shutoff fittings. Hose kit included.

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Power Consumption: Max Peak 1900W, Typ <1740W

OPTIONAL MCH-11TEC THERMOELECTRIC COOLING LID MODULE

Dimensions: 14.5 x 9 x 8.5 in (36.8 x 22.9 x 21.6 cm)

Weight: 8.65 lbs (3.9 kg)

Induced Airflow: <3.5 ft³ /min

Power Consumption: Max Peak 100 W, Typ < 85 W