

# 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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**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 ft<sup>3</sup> /min

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