



The **Terumo HX2** temperature management system is a self-contained, dual channel system for supplying temperature-controlled water to heat exchangers during open-heart surgeries. The channels on the Terumo HX2 heater/cooler unit have equal capability and will operate independently of each other. It features a large water tank to allow ice to be added for faster and more efficient cooling. This Terumo Heater/Cooler system can take either cubed or crushed ice. Water can be supplied from both channels at rates of up to 25 liters per minute with no load connected to the water outlet. The Maximum output pressure in both channels is about 13 PSI.

## Features

- 2 independent channels supply temperature-controlled water to arterial and cardioplegia heat exchanges.
- Each touchpad precisely adjusts the mix of water flow between cooling and heating sources in 1° C increments.
- Automatically removes air from the internal and external circulation resulting in fast set-up times.
- Partitions the ice supply maximizes the cooling capability of a channel.
- Drains water from the tank during use without interrupting the water supply to the heat exchangers.
- Small size.



# Specifications

## Physical Specifications

**Height:** 35.5" (90 cm)

**Width:** 20.4" (52 cm)

**Depth:** 27.8" (71 cm)

**Weight (Tank empty):** 188 lbs (85 kg)

**Weight (Tank full):** 276 lbs (125 kg)

**Capacity:** Water 40 liters (approx.)

## System Performance

**Outlet water temperature setpoint control range:** 1-42°C

**Outlet water temperature setpoint resolution:** 1°C

**Outlet water temperature setpoint control accuracy:** +/- 1°C

**Outlet water temperature display range:** 0 - 50°C

**Outlet water temperature display resolution:** 0.1°C

**Output water flow maximum at zero head:** 25 L/min

**Maximum outlet pressure:** 13 PSI

