

Technowood®

HEART LUNG SYSTEM
COMPO III

Compact Heater-Cooler

CP-4000H



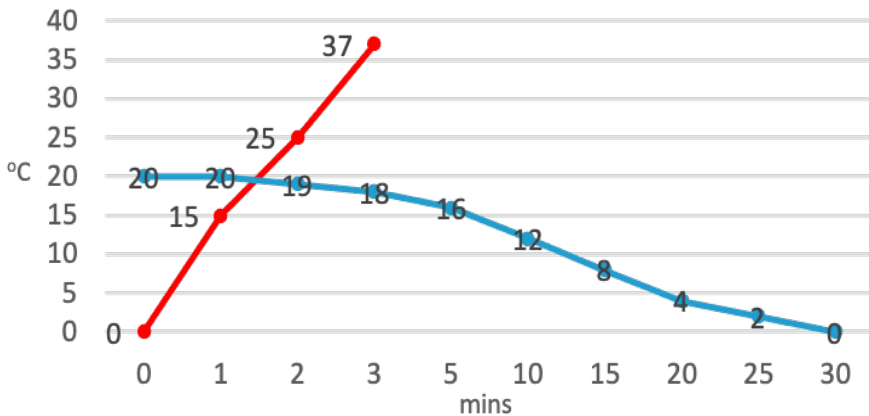
With its compact design, CP4000H can be used for cardiac bypass surgery and extracorporeal membrane oxygenation (ECMO).

FEATURES

- Temperature in the tank and operation of the water flow pump can be easily operated with the detachable controller. The controller also features an LCD touchpanel for improved visibility and operability. Water circulation state can be confirmed with a single glance from the colors on the screen.
- Although CP4000H is a single-tank heater-cooler device, in heating mode, since only water in the inflow line and the water pump is heated, it is possible for water at 1°C to rise to 36°C within 5 minutes.
- For improved safety and prevention of dry heating, water flow sensors are installed inside the tank and on the inflow line. Heating and cooling will stop if no water flow is detected.



DEVICE PERFORMANCE



In-house test performance with 3.5L of water. Warming is done through a closed circuit system.

HEATER-COOLER CP4000H

Temperature setting	0-42°C (resolution: 0.1°C)
Type	Cooler: 200W Compressor Heater: Built-in 1kW
Water flow pump	Max: 11L/min
Power supply	AC100V - 230V; 50/60Hz
Power consumption	1100VA
Tank volume	2.5L
Dimension (WxDxH) <small>*without mast</small>	280mm×550mm×517mm 38kg

The LCD touchpanel can be detached from the unit and attached to a mast closer to the surgical field.



On the right side are the power switch and an emergency panel for operating the thermostat and pump when the controller is disconnected.



CP4000H (T)

Models equipped with panels and other accessories to accommodate portable extracorporeal membrane oxygenation (ECMO) systems are also available.

CP4000H HEATER-COOLER ACCESSORIES



CP4-EC
power cord
5m 3P



CP4-C
coupler
1/2" tubing



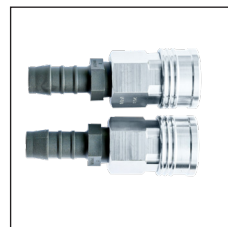
C-MM
male/male
coupler
(for heat-
exchanger)



CP4-HRG
controller
mast bracket
22-38ø



10-04108
Hansen
coupling
1/2" tubing
L-type



10-04106
Hansen
coupling
1/2" tubing
straight type

JAPAN

Technowood Corporation

Tel: +81 (3) 3856-4111

Fax: +81 (3) 3856-4113

USA

Technowood America Corporation

Tel: +1 (714) 434-8713

Fax: +1 (714) 434-8715

INTERNATIONAL

Technowood International Pte. Ltd.

Tel: +81 (3) 3898-5252

Fax: +81 (3) 3898-5252

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