



Cincinnati Sub-Zero Hemotherm® Model 400MR Dual Reservoir Cooler/Heater

Precise blood temperature control without ice

SPECIFICATIONS

Physical

Dimensions	22" W x 22" D x 32" H (55.9 cm wide x 55.9 cm deep x 81.3 cm high)
Floor space consumed	484 sq. in. (3.123 cm ²)
Weight	198 lbs. (89.8 kg)
Cabinet construction	16 gauge steel
Warm air flow	Bottom (downward)

Circulating system

Reservoir capacity	Cool – 8 qts (7.6 L) Heat – 6 qts (5.7 L)
Reservoir construction	Plastic
Flow rate	13 L/min through self-sealing Hansen fittings 15 L/min with flow through Hansen fittings
Maximum pressure	13 PSI (0.914 kg/cm ²) – heat exchanger connection 10 PSI (0.703 kg/cm ²) – blanket connection
Connections	12.5 PSI – blanket connection quick disconnect fittings 1 set 1/2" Hansen fittings for heat exchanger 1 set 1/8" Hansen fittings for blanket 1 additional set 1/2" Hansen fittings included for tubing

Electrical

Electrical characteristic	230 V, 50/60 Hz, 10.9 A 240 V, 50/60 Hz, 10.5 A
Outlets required	230 VAC units: 15 A, AC grounded with no plug, power cord 240 VAC units: 15 A, AC grounded with no plug, power cord
Current leakage	Under 500 µA (230/240 V)
Circuit breaker	In power switch

Safety

Hi limit thermostat	44°C ± 0.5°C
Low limit thermostat	2°C ± 0.5°C
Operating instructions on unit	Yes

[Specifications >>>](#)



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Cooling system

Compressor	1/2 HP Oversize
Fluid cooling range	32°C to 3°C

Heating system

Power rating	230/240 VAC units: 800 Watt-low heater 1200 Watt-high heater
Fluid heating range	25°C to 42°C

Control system

Fluid temperature control range	3°C to 42°C
Fluid temperature control accuracy	± 0.5°C
Setting resolution	1°C

Digital displays

Temperature range	3°C to 42°C
Display type	LED, red

▶ Ordering Information

DESCRIPTION	CATALOG NO.	UNITS/CASE
Hemothem®, 400MR C/H 230 V/240 V	86023	1
Hemothem®, 414 Remote control	93803	1

✓ Features

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Model 400MR Dual Reservoir
Cooler/Heater*

- Dual reservoirs for fast access to warm or cold water
- Refrigeration technology for easy set up
- Microprocessor control for precise temperature management
- Supplies water to a heat exchanger and a blanket
- Optional remote control