

COMMODITY DESCRIPTION

HS. NO	ITEM NO.	DESCRIPTION	UNIT	Q'ty
		Hyper/Hypothermia Unit	Set	1

A. Feature :

1. The Unit's compact size and built-in handle provide ease of use with swivel casters that provide mobility and prevent the unit from tipping
2. A built-in storage drawer is included in the Unit for storage of instruction manuals, probes, connector cables, and hoses.
3. The high water flow rate results in quicker heating or cooling for effective temperature therapy.
4. The Unit has three high temperature safety devices and two low temperature safety devices
5. Includes three blanket connections for user convenience.
6. Operation modes include automatic to control patient temperature, manual to control water temperature, and monitor mode to simply monitor the patient's temperature.
7. GRADIENT 10C Mode and GRADIENT VARIABLE Mode is available in both heating and cooling mode which allows for rapid or gradual patient temperature management control.
8. SMART mode, associated with the term gradient setting is to have the ability for the Unit to adjust the gradient temperature settings of 5°C should you not reach your desired patient temperature within 30minutes. The Blanketrol III continues to monitor and adjust temperature every 30minutes until your desired patient temperature is reached.
9. The unit's also includes pre-warming/cooling feature to simplify setup.

B. Specification :

1. Control system
 - 1) Digital display LED : Patient temp, set-point blanket/water, status.
 - 2) Microprocessor control system, on-off switch.
 - 3) Control range :
 - Water Temp. : 4°C to 42°C
 - Patient Temp. : 30°C to 40°C
 - 4) Display accuracy :
 - Water Temp. : +0.5°C
 - Patient Temp. : ±0.25°C

5) Temp, setting

Water Temp : 0.1°C

Patient Temp : 0.1 °C

Probe type : LSI400

6) Display range :

Water Temp : 0°C to 52°C

Patient Temp

MANUAL MODES : 10°C to 50°C

ALTO MODES : 30.0°C to 43.5°C

MONITOR ONLY : 10°C to 50°C

7) Operating Mode : ALTO MODE, MANUAL MODE, GRADIENT 10C MODE,
GRADIENT VARIABLE MODE, MONITOR MODE

2. Thermal system

1) Compressor : 1/3HP

2) Power rating : 800 Watts.

3) Water heating rate : 3°C/min,

4) Water Cooling rate : 5.5°C/min

3. Circulating system :

Dual Compartment Reservoirs, 7.5L total capacity.

4. Electrical system

1) Power :

115V, 50/60Hz 10.2Amps

230V, 50/60Hz 5amps

2) Current leakage :

Under 300mA.115V

Under 500mA.230V

3) Circuit breaker : In power switch.

5. Safety system

1) Maximum High Control Setting : 42°C

2) High Limit Safety : 44°C \pm 2°C

3) High Limit Secondary Back-up Safety : 44°C \pm 2°C

4) Thermostatic Snap Disc : 46°C \pm 2°C

5) Minimum Low Control Setting : 4°C

6) Low Limit Safety : 2°C \pm 2°C

7) Low Limit Secondary Back-Up Safety : 2°C \pm 2°C

6. Alarm : Visual and audible High and low limit failure alarm, low water alarm, defective or dislodged probe alarm, defective water temp sensor
7. Visual Indicator : Water flow indicator, in correct patient temp, setting, Add Water, Remove from Use now Machine Shut Down.
8. 1)Size : 43.18cm.W x 43.18cm.D x 95.25cmH.
2)Weight : 59.5Kg

C. Consist of :

- | | |
|----------------------------------|-------|
| 1. Main Unit | 1 ea |
| 2. Plastic blankets, Infant Size | 1 ea |
| 3. Kool-kit (1050) | 1 set |
| 4. Hose | 1 ea |
| 5. Reusable Connector Cable | 1 ea |
| 6. Operation & Service Manual | 1 ea |

D. Remark

1. Warranty : 3 Years
2. Installation and operating should be established by the supplier