

ARCTIC SUN™ 5000

TEMPERATURE MANAGEMENT SYSTEM

Setting a new standard
for performance,
safety and simplicity



Patented 3-Layered Construction

Specifications

ARCTIC SUN™ Temperature Management System	Parameter
Therapy Modes	Normothermia: Control Patient Hypothermia: Cool Patient, Rewarm Patient
Heater Capacity	2500 BTU/hr / 750 Watts
Circulating Fluid	Distilled or Sterile Water
Reservoir Capacity	3.5 litres
Water Flow Rate	5 litres per minute
Patient Probe Type	YSI 400 Series compatible
Patient Temperature Inputs	Patient Temp 1: control, monitor, alarm Patient Temp 2: monitor, alarm
Patient Temperature Display Range	10°C to 44°C 50°F to 111.2°F 0.1°C / °F increments
Patient Temperature Measurement Accuracy	±0.4°C (10°C to 32°C) ±0.2°C (32°C to 38°C) ±0.4°C (38°C to 44°C) Includes ±0.1C external probe
Patient Temperature Control Range	32°C to 38.5°C 89.6°F to 101.3°F 0.1 °C/°F increments
Water Temperature Display Range	3°C to 45°C / 37.4°F to 113.0°F 1 °C/°F increments
Water Temperature Control Range (Manual)	4°C to 42°C / 39.2°F to 107.6°F 0.1 °C/°F increments
High Water Temperature Limit	36°C to 42°C / 96.8°F to 107.6°F 1 °C/°F increments
Low Water Temperature Limit	4°C to 25°C / 39.2°F to 77°F 1 °C/°F increments
Mains Input	115 VAC, 60 Hz, 11.0 Amp (nominal) 230 VAC, 50 Hz, 5.5 Amp
Leakage Current	<300 QA
Operating Relative Humidity Range	5% to 70% non-condensing
Storage Relative Humidity Range	5% to 95% non-condensing
Operating Temperature Range	10°C to 27°C / 50°F to 80°F
Storage Temperature Range	-30°C to 50°C / -20°F to 120°F
Dimensions	Height: 35 inches (89 cm) Width: 14 inches (36 cm) Depth: 18.5 inches (47 cm)
Weight	Empty: 43 kg / 95 lbs ; Filled: 47 kg / 103 lbs
ARCTICGEL™ Pads	Replace pads when hydrogel no longer uniformly adheres to the skin
Duration	Replacing pads at least every 5 days is recommended
Opacity	Radiolucent & safe for MRI, CT Scan, X-Ray, Cath Lab



Height	35"	89 cm
Width	14"	36 cm
Depth	18.5"	47 cm
Weight Empty	95 lbs.	43 kg
Weight Filled	103 lbs.	47 kg

Ordering Information

Item Number	Description
50000101	ARCTIC SUN™ 5000 230V CEU
50000102	ARCTIC SUN™ 5000 230V UK
75200	M5000 Cover
3170202	ARCTICGEL™ Cooling Kit Extra Extra Small
3170302	ARCTICGEL™ Cooling Kit Extra Small
3170502	ARCTICGEL™ Cooling Kit Small
3170702	ARCTICGEL™ Cooling Kit Medium
3170902	ARCTICGEL™ Cooling Kit Large
3170004	ARCTICGEL™ Pad Universal
3180104	Small Universal Pad Kit 4/Case

Warnings:

Do not use the ARCTIC SUN™ Temperature Management System in the presence of flammable agents because an explosion and/or fire may result.
Do not use high frequency surgical instruments or endocardial catheters while the ARCTIC SUN™ Temperature Management System is in use.
Please consult product labels and inserts for any hazards, contraindications, warnings, cautions and direction for use.

To Learn more, visit www.medivance.com or email customerservice@medivance.com

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