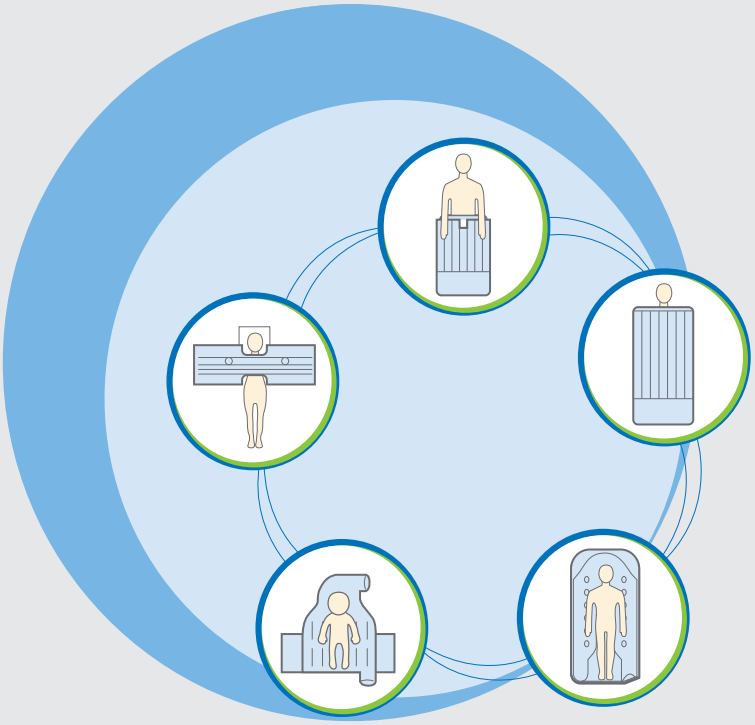
IOB Forced-Air Warming System

The Best Choice for Body Temperature Management to Combat Hypothermia

Safe
Reliable
Easy to Use



IOB Medical Inc.

Specifications

IOB Warming Unit

Dimensions: H28cm x D22cm x W22cm

Weight: 4.5 kg

Relative Noise Level: 55 dBA

Operating Temperature:

High: 43º ± 3ºC (109.4º ± 5.4ºF)
Med: 38º ± 3ºC (100.4º ± 5.4ºF)
Low: 32º ± 3ºC (89.6º ± 5.4ºF)

Device Rating:

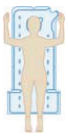
110-120 VAC, 60 Hz, 10 A
220-240 VAC, 50 Hz, 8 A

Filter: 0.2 µm High-efficiency Filter

Standards: IEC 60601-1, IEC 60601-1-2, IEC 60601-1-8, IEC 80601-2

Underbody Warming Blankets

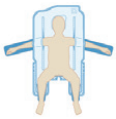
Pediatric Underbody
Model: 555
91cm x 80cm



Spinal Underbody
Model: 575
180cm x 100cm

Full Access Underbody
Model: 635
215cm x 120cm

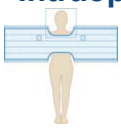
Adult Underbody
Model: 545
215cm x 120cm



Lithotomy Underbody
Model: 585
160cm x 100cm

Large Pediatric Underbody
Model: 550
152cm x 100cm

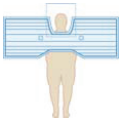
Intraoperative Warming Blankets



Upper Body
Model: 522
195cm x 80cm

Lower Body
Model: 525
142cm x 100 cm

Dual Port Torso
Model: 542
133cm x 100cm



XL Upper Body
Model: 523
215cm x 80cm

Torso
Model: 540
133cm x 100cm

Pediatric Warming Blankets

Small Lower Body
Model: 537
133cm x 78cm

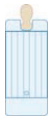
Pediatric Long
Model: 530
200cm x 20cm

Postoperative Pediatric Full Body
Model: 310
170cm x 100cm

Pediatric Underbody
Model: 550
180cm x 100cm

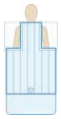
Pediatric Underbody
Model: 555
91cm x 80cm

PACU Warming Blankets



Full Body
Model: 300
210cm x 120cm

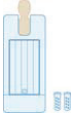
Postoperative Pediatric Full Body
Model: 310
170cm x 100cm



Chest Access
Model: 305
180cm x 100cm

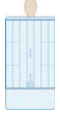
Multi-Access
Model: 315
210cm x 120cm

Other Warming Blankets



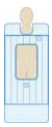
Preoperative & Outpatient
Model: 110
210cm x 120cm

Cath Lab
Model: 560
320cm x 23cm

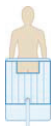


Full Body Surgical
Model: 610
210cm x 120cm

Preoperative & Outpatient
Model: 111
210cm x 120cm



Surgical Access
Model: 570
210cm x 120cm



Cardiac
Model: 630
270cm x 23 cm

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Specifications and product parameters

Physical Characteristics

Dimensions	28cm high X22cm deep X22cm wide
Weight	4.5 kg
Relative noise level	55 dBA
Hose	Flexible, compatible with the IOB warming system
Filtration system	High efficiency 0.2 μm filter
Recommended filter change	Every 12 months or 500 hours of use
Mounting/ Clamped	Can be clamped to an IV pole, mounted to the IOB rolling stand accessory or placed on a hard Surface.

Temperature Characteristics

Recommended operating environment	Temperature: 15°C - 30°C Relative Humidity: ≤90% Atmospheric pressure: 80kPa-106kPa
Heat generated	750 W (average)
operating temperatures	Average temperatures at the end of the hose: HIGH: 43°C ± 1. 5°C MED: 38°C ± 1. 5°C LOW: 32°C ± 1 .5°C

Safety System

Thermostat	Independent electronic circuit; thermal cutoff shuts the heater OFF to ensure hose end air remains below 58°C (58°C ± 3°C typical); back-up over-temperature detection at hose inlet
Alarm system	Over-temperature (≤58°C, 58°C ± 3°C typical): red Over-temp indicator light flashes, alarm sounds, heater and blower shut down, operating indicator lights turn OFF, control panel becomes unresponsive.
Fault	"System *Fault* " information will display on the LCD, alarm sounds
Over current protection	Dual input fused lines

Electrical Characteristics

Heating element	1000 W Resistive
Leakage current	Meets IEC 60601-1 requirements
Blower motor	Operating speed: approximately 2,900 rpm Max Airflow: 50cfm or 23 L/s
Power consumption	PEAK：1500W AVERAGE：750W
Power cord	5m, 3 cond , 10 A
Device ratings	110-120VAC 50/60Hz 10A 220-240VAC 50/60Hz 7A
Fuses	12A (110 - 120 VAC) 8A (220 - 240 VAC)
Certifications	IEC 60601-1; EN 60601-1-2
Classification	Classified under IEC 60601-1 Guidelines (and other national versions of the Guidelines) as Class I, Type BF, Ordinary equipment, Continuous operation Not suitable for use in the presence of flammable anesthetic mixtures with air or with oxygen or nitrous oxide. Device Directive as a Class IIb device
Diagnostics	A qualified service technician can perform over-temperature detection system testing, temperature output testing, operating temperature calibration, and fault code troubleshooting