3M Infection Prevention Patient Warming Product Brochure



3M Infection Prevention Solutions Innovation ^{On A} Mission





3M patient warming Innovation on a mission to reduce surgical hypothermia

For 50 years, 3M has contributed innovative solutions to the worldwide campaign against healthcare-associated infections. Reducing inadvertent perioperative hypothermia is a proven step in helping reduce surgical-site infections along with a range of other serious complications. That's why we're proud to offer patient warming solutions that have set the standard for innovation and quality:

3M[™] Bair Hugger[™] therapy, 3M[™] Ranger[™] blood and fluid warming, and 3M[™] Bair Paws[™] patient adjustable warming gowns.

In 1987, Bair Hugger therapy became the world's first forced-air warming system. Since then, the importance of maintaining normothermia has become part of patient care improvement efforts backed by healthcare and government organisations across the globe. Today, 3M's surgical warming products are used to maintain normothermia for over 20 million patients each year.

We look forward to partnering with you on the mission to improve patient outcomes through effective patient warming.

3M Infection Prevention Solutions







Since forced-air warming was introduced more than 20 years ago, it has safely and effectively maintained normothermia in over 135 million surgical patients, worldwide. This technology has been researched extensively, with more than 100 published studies documenting the clinical benefits of forced-air warming and maintaining normothermia.

Because forced-air warming is both economical and easy to use, all surgical patients can enjoy the comfort and clinical benefits a $3M^{TM}$ Bair HuggerTM blanket or the $3M^{TM}$ Bair PawsTM patient adjustable warming gown can provide. When comparing the minimal cost associated with forced-air warming with the estimated £2,391 per patient cost¹ of treating complications of hypothermia, warming just makes sense. With 25 Bair Hugger blanket styles, including seven underbody series blankets, three 3M[™] Bair Paws[™] warming gown sizes (Small, Standard, XL) and seven different Ranger blood and fluid warming cassettes that cover your fluid warming needs from paediatric to high flow, we offer a warming tool for virtually any surgical procedure.

3M will continue to define patient warming with nextgeneration products in an effort to expand forced-air warming and fluid warming to every patient and every surgical procedure. Our customers can be confident that they have access to the best products and the most comprehensive product portfolio in the industry.

1. National Institute for Health and Clinical Excellence clinical guideline 65–Inadvertent perioperative hypothermia costing report – April 2008.

Enhancing the quality of care

3M[™] Bair Hugger[™] Therapy The Original Forced-Air Warming Technology





In 1987, we introduced forced-air warming to the healthcare industry with the launch of 3M[™] Bair Hugger[™] therapy. Today, the world's first forced-air warming system continues to define patient warming through exceptional product quality and performance.

Bair Hugger therapy offers more blanket styles than anyone in the industry and has warmed more than 135 million patients to date. More than 130,000 Bair Hugger warming units are currently in use around the world.

Bair Hugger therapy is designed for one primary purpose – the treatment or prevention of unintended hypothermia and its associated complications. As a Bair Hugger therapy customer, you can be confident in our commitment to the continuous development of meaningful, innovative temperature management products.

Expanding patient warming to virtually any procedure.

3M[™] Bair Hugger[™] Therapy The Original Forced-Air Warming Technology



Anaesthetised patients can't regulate their temperature

The body's physiological response to anaesthesia places virtually every anaesthetised surgical patient at risk for unintended hypothermia, regardless of age, sex or physical condition. Research shows that core body temperature drops rapidly (up to 1.6°C in the first hour alone¹) following the induction of anaesthesia.

Unfortunately, unintended hypothermia remains an all-too common and costly complication of surgery despite its association with higher mortality rates², longer hospital stays³ and an increased rate of wound infection⁴.

The good news: unintended hypothermia is easily preventable

Studies show that warming patients to maintain a core temperature of 36.0°C or higher helps improve outcomes by reducing the frequency of complications often associated with unintended hypothermia. Forced-air warming offers a safe, simple, cost-effective method to prevent unintended hypothermia and its complications.

Numerous healthcare organisations globally have published temperature management recommendations or guidelines for healthcare providers. These organisations not only emphasise the importance of maintaining normothermia, but also identify forced-air warming as a preferred warming method.

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Characteristic patterns of general anaesthesia induced hypothermia

Hypothermia can develop in the hour immediately following the induction of anaesthesia

Chart adapted from: Sessler Dl., Perioperative Heat Balance. Anesthesiology, V92, No. 2, Feb 2000.

- 2. Barie PS. Surgical Site Infections: Epidemiology and Prevention. Surgical Infections. 2002; Vol. 3, S-9 S-21.
- Jeran L. American Society of PeriAnesthesia Nurses Development Panel. Clinical Guideline for the Prevention of Unplanned Perioperative Hypothermia. Journal of PeriAnesthesia Nursing. Oct. 2001;Vol. 16(5): pp 305-314.
- 4. Tryba M, Leban J, et al. Does active warming of severely injured trauma patients influence perioperative morbidity? Anesthesiology. 1996; 85: A283.

^{1.} Sessler DI. Current concepts: mild perioperative hypothermia. New England Journal of Medicine, 1997; 336: 1730-1737.

Underbody Series

3M[™] Bair Hugger[™] Therapy Underbody Series



The 3M[™] Bair Hugger[™] underbody series offers a warming solution for virtually any need. For routine procedures to complex surgeries, underbody series blankets provide full, unrestricted access to the patient.

Underbody series blanket benefits

Simplified operating theatre prep:

Placing the underbody series blankets on the table before the patient arrives in the operating theatre allows immediate warming and more time for other pre-surgical tasks.

Designed for flexibility:

The unique design of the underbody series blankets offers clinicians full, unrestricted access and flexible positioning for virtually any procedure.

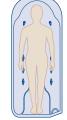
Innovation:

Unique fluid outlets minimise the pooling of fluids while the patient's natural pressure points compress the blanket, preventing warm air from reaching potentially ischemic tissue. Consistent perforations in the soft, radiolucent materials ensure uniform convective warming.

Proven performance:

Millions of patients have experienced the benefits of the Bair Hugger underbody series blankets.

All Bair Hugger blankets are constructed of durable, soft, radiolucent, latex-free materials.



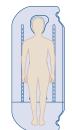
Adult Underbody Model 545



Spinal Underbody Model 575



Lithotomy Underbody Model 585

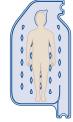


Full Access Underbody Model 635

Sterile Full Access Underbody Model 637







Large Paediatric Underbody Model 550





3M[™] Bair Hugger[™] Therapy Full Access Underbody Blanket | Models 635 & 637

The versatile 3M[™] Bair Hugger[™] full access underbody blanket is positioned on the table prior to the patient's arrival in theatre. The blanket can be used during cardiac, complex or routine surgeries where the patient is in the supine, lateral or prone positions. The sterile model of this blanket (model 637) is ideal for procedures including a standing surgical prep.

- · Unique fluid outlets minimise pooling of fluids on the surface of the blanket
- · Pass-through slits allow flexible patient positioning and the use of a drawsheet
- · Adhesive strips and tuck flaps secure the blanket to the operating theatre table
- Two resealable hose ports at either end of the blanket provide options for hose placement
- One clear plastic drape (included) helps retain warm air around the head of the patient





Specifications

Size 221 x 91 cm (84 x 36 in) Weight 198 g (7 oz) **Drape** 61 x 122 cm (24 x 48 in) Non-Sterile Model 635 Sterile Model 637



3M[™] Bair Hugger[™] Therapy Lithotomy Underbody Blanket Model 585

Positioned on the procedure table prior to the patient's arrival into theatre, the 3M[™] Bair Hugger[™] lithotomy underbody blanket delivers full, unrestricted patient access and flexibility for procedures involving the lower extremities, and abdominal, peritoneal and pelvic cavities.

- Unique fluid outlets minimise pooling of fluids on the surface of the blanket
- · Pass-through slits allow flexible patient positioning and the use of a drawsheet
- · Generous peritoneal cut-out at the base of the blanket provides the clinician unobstructed access to the patient
- Integrated tie strips can be used to secure the blanket to the stirrups / leg supports
- Adhesive strips and tuck flaps secure the blanket to the operating table
- One clear patient drape (included) helps retain warm air around the head of the patient



Size 188 x 91 cm (74 x 36 in) Weight 142 g (5 oz) Drape 61 x 61 cm (24 x 24 in)





3M[™] Bair Hugger[™] Therapy Spinal Underbody Blanket Model 575

The unique design of the 3M[™] Bair Hugger[™] spinal underbody blanket works with the open frame of the spinal surgery cradle, yet will not interfere with the adjustment of the support pads. Clinicians will appreciate full patient visualisation and unrestricted patient access.

- · Perforations on the sides of blanket allow the table frame to pass through the blanket
- A removable head section allows visualisation of the patient's face throughout the procedure
- Integrated tie strips secure the blanket to the table frame
- · Blanket design allows it to draw up near the patient when inflated
- · Compatible with the foot boards, leg sling, Wilson* frame or head support modalities
- One clear plastic drape (included) helps retain warm air around the head of the patient

* Wilson is a trademark of Getinge USA, Inc



Size 188 x 91 cm (74 x 36 in) Weight 142 g (5 oz)

Drape 61 x 122 cm (24 x 48 in)



3M[™] Bair Hugger[™] Therapy Large Paediatric Underbody Blanket | Model 550

The 3M[™] Bair Hugger[™] large paediatric underbody blanket conveniently warms a large child or a small adult patient from below while allowing clinicians full access to the patient.

- Fluid outlets minimise pooling of fluids on the surface of the blanket
- Two resealable hose ports located at either end of the blanket provide options for hose placement
- Tape and tuck flaps secure the blanket to the operating theatre table
- Two drapes (included) help retain the warm air that surrounds the patient



Specifications

Size 152 x 81 cm (60 x 32 in) Weight 136 g (4.8 oz) Drape (2) 61 x 61 cm (24 x 24 in)





3M[™] Bair Hugger[™] Therapy Paediatric Underbody Blanket | Model 555

The under-patient design of the 3M[™] Bair Hugger[™] paediatric underbody blanket warms even the smallest patients while providing clinicians with full, unrestricted access.

- Unique fluid outlets minimise pooling of fluids on the surface of the blanket
- · Consistent, even perforations across the entire blanket ensure uniform warming
- Two resealable hose ports located at either end of the blanket provide options for hose placement
- Tape and tuck flaps under the blanket secure the blanket to the operating theatre table
- Two clear plastic drapes (included) form a "tent" of warm air that surrounds the patient





Size 91 x 84 cm (36 x 33 in) Weight 85 g (3 oz) **Drape (2)** 61 x 61 cm (24 x 24 in)



3M[™] Bair Hugger[™] Therapy Adult Underbody Blanket ■ Model 545

The 3M[™] Bair Hugger[™] adult underbody blanket is conveniently positioned on the table prior to the patient's arrival so it's ready when you are.

- Unique fluid outlets minimise pooling of fluids on the surface of the blanket
- Ideal for patient warming during diagnostic and interventional procedures in the cardiac cath lab and the radiology suite
- Two adhesive strips under the blanket secure the blanket to the operating theatre table
- Radiolucent materials





Size 188 x 91 cm (74 x 36 in) **Weight** 142 g (5 oz)



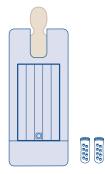


3M[™] Bair Hugger[™] Therapy **Speciality & Cardiac Blankets**

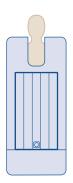
Challenging clinical scenarios require unique solutions. 3M[™] Bair Hugger[™] therapy offers seven styles of speciality and cardiac blankets to help you reach your warming goals.

Speciality & Cardiac blankets feature:

- Flexible, easy-to-use designs
- Uniform perforation pattern across the blanket surface to ensure even convective warming
- Durable, soft, radiolucent, latex-free materials



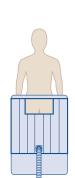
Outpatient with Socks Model 110



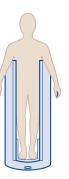
Outpatient Model 111



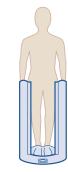
Full Body Surgical Model 610



Sterile Cardiac Model 630



Cath Lab Model 560



Sterile Cardiac Access Model 645



Surgical Access

Model 570







3M[™] Bair Hugger[™] Therapy Preoperative & Outpatient Care Blankets Models 110 & 111

Provide your patients the benefits of pre-warming. As little as 15 minutes of pre-induction forced-air warming can add to the total heat content of the body, decrease redistribution temperature drop and enhance patient comfort.

- · Conforms to the patient in seated, semi-reclined, supine or lateral positions
- 3M[™] Bair Hugger[™] socks cover the patient's feet (model 110 only)
- · Ample draping tucks around the shoulders, torso, and legs for easy positioning
- Blanket can follow patient into recovery for additional thermal comfort when inflated
- · Foot drape minimises risk of thermal injury to the feet and lower leg areas



Specifications

Size 213 x 91 cm (84 x 36 in) Weight 110 157 g (5.6 oz) 111 134 g (4.8 oz) Model 110 Outpatient with socks Model 111 Outpatient no socks



3M[™] Bair Hugger[™] Therapy Cath Lab Blanket Model 560

Designed specifically for use in the cath lab and interventional suites, the cath lab blanket surrounds patients with warmth while allowing clinicians full, unrestricted access.

- · Radiolucent materials
- Foot pad protects feet from thermal injury
- · Integrated tie strips keep the blanket securely positioned around the patient



Specifications

Size 23 x 335 cm (9 x 132 in) Weight 85 g (3 oz)



3M[™] Bair Hugger[™] Therapy Surgical Access Blanket ■ Model 570

The flexible design of the 3M[™] Bair Hugger[™] surgical access blanket includes two resealable hose ports for versatile positioning of the warming unit, making the blanket adaptable to a variety of procedures such as spinal, abdominal, hip and pelvic surgeries.

- Attached clear head drape retains warm air around the intubated patient's head and allows observation by the clinician
- · Large surgical access window provides patient access for the surgeon
- Integrated adhesive secures the surgical access window to the patient
- · Foot drape minimises risk of thermal injury to the feet and lower leg area



Specifications

Size 213 x 91 cm (84 x 36 in) Weight 181 g (6.4 oz) Head Drape 61 x 41 cm (24 x 16 in)





3M[™] Bair Hugger[™] Therapy Full Body Surgical Blanket I Model 610

The 3M[™] Bair Hugger[™] full body surgical blanket tapes across the patient's chest, away from surgical sites involving the head or neck. Six convenient access panels allow for quick access to the patient's chest, arms and lower body.

- The blanket's generous size maximises heat transfer
- Foot drape minimises risk of thermal injury to the feet and lower leg area
- Integrated adhesive strip secures the blanket to the patient
- Integrated tuck flaps at shoulders help maintain blanket position



Specifications

Size 183 x 91 cm (72 x 36 in) **Weight** 134 g (4.8 oz)



3M[™] Bair Hugger[™] Therapy Sterile Cardiac Blanket ■ Model 630

The 3M[™] Bair Hugger[™] sterile cardiac blanket's "cumberbund" design is pre-positioned at the waist during prep, unrolled upon closure of the saphenous vein graft incision, and inflated post-bypass.

- · 36-inch sterile hose allows the placement of the temperature management unit away from sterile field
- · Warms the lower body to reduce core-to-periphery heat loss
- · Positions easily in the sterile field
- · Clear groin/femoral access window allows access to the femoral artery



Specifications

Size 152 x 91 cm (60 x 36 in) Weight 227 g (8 oz) Hose 91 cm (36 in)





3M[™] Bair Hugger[™] Therapy Sterile Access Cardiac Blanket | Model 645

The 3M[™] Bair Hugger[™] sterile access cardiac blanket tapes securely to the patient so the blanket can provide localised warming throughout the cardiothoracic surgical procedure.

- · Warms the lower body to reduce core-to-periphery heat loss
- · Allows full access to both legs
- Radiolucent materials will not interfere with imaging requirements
- Insulated foot pouch protects the feet from thermal injury



Specifications

Size 23 x 274 cm (9 x 108 in) Weight 113 g (4 oz)





Blankets

Paediatric

The 3M[™] Bair Hugger[™] small lower body blanket is a more compact version of the adult-size lower body blanket (model 525). Developed with younger patients in mind, the model 537 is ideal for warming a large child or a small adult during upper body surgery. It can be used in the supine, lateral, or prone positions.

- Can also be used as a full body blanket on smaller patients
- · Foot drape minimises risk of thermal injury to the feet and lower leg area



Specifications

Size 89 x 61 cm (35 x 24 in)



3M[™] Bair Hugger[™] Therapy Paediatric Long Blanket ■ Model 530

Blankets

Paediatric

The 3M[™] Bair Hugger[™] paediatric long blanket gently surrounds a child with 3M[™] Bair Hugger[™] forced-air warming therapy. Use one or both of the enclosed clear plastic drapes to keep warmed air near the skin.

- Tube shape surrounds the patient with warm air
- Two clear plastic drapes (included) help retain warm air around the patient
- · Adhesive strip along blanket provides stable positioning



Specifications

Size 188 x 22 cm (74 x 8.5 in) **Drape (2)** 61 x 46 cm (24 x 18 in)



Intra-operative Blankets



3M[™] Bair Hugger[™] Therapy Upper Body Blanket Models 522 & 523

The 3M[™] Bair Hugger[™] upper body blanket is designed for use during surgical procedures on the lower half of the body while covering the upper torso, arms, neck and head of the patient. The model 523 XL upper body blanket is wider and longer to facilitate proper placement on a larger torso.

- Can be used in the supine, prone, lithotomy and other patient positions
- Two resealable hose ports provide flexibility in positioning the temperature management unit
- Attached clear head drape and two neck vents keep warm air around an intubated patient's head and allow observation by the clinician
- Integrated tie strips and continuous adhesive strip secure the blanket once placed



Specifications

Size 522 - 188 x 61 cm (74 x 24 in) 523 - 213 x 91 cm (84 x 36 in) Weight 522 - 99 g (3.5 oz) 523 - 153.1 g (5.4 oz) Head Drape 522 - 61 x 61 cm (24 x 24 in) 523 - 61 x 61 cm (24 x 24 in)

Intra-operative Blankets

3M[™] Bair Hugger[™] Therapy Lower Body Blanket Model 525

Designed for use during surgical procedures on the upper half of the body.

- Effectively used for patients in the supine, lateral, or prone positions
- Foot drape minimises risk of thermal injury to the feet and lower leg area
- Continuous adhesive strip secures blanket to the patient



Specifications

Size 152 x 91 cm (60 x 36 in) Weight 113 g (4 oz)





3M[™] Bair Hugger[™] Therapy Dual Port Torso Blanket ■ Model 542

Designed to affix to the lower abdominal area and cover the upper half of the body. The 3M[™] Bair Hugger[™] 542 dual port torso blanket features two convenient, resealable hose ports.

- · Effectively used for patients in the supine, lateral and other positions
- Pre-attached clear head drape retains warm air around the intubated patient's head and allows observation by the clinician
- Integrated tuck flaps at shoulders help maintain blanket position





Specifications

Size 107 x 91 cm (42 x 36 in) Weight 90 g (3.2 oz) Head Drape 61 x 41 cm (24 x 16 in)



3M[™] Bair Hugger[™] Therapy Full Body Blanket Model 300

The 3M[™] Bair Hugger[™] full body blanket provides coverage to the entire patient, maximising thermal transfer.

- Foot drape minimises the risk of thermal injury to the feet and lower leg area
- Integrated tuck flaps at shoulders help maintain blanket position

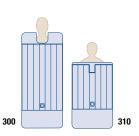


Paediatric Full Body Blanket Model 310

The paediatric full body blanket is a smaller version of the adult blanket to warm smaller patients during recovery.

• Foot drape minimises the risk of thermal injury to the feet and lower leg area





Specifications

Size 300 - 213 x 91 cm (84 x 36 in) 310 - 152 x 91 cm (60 x 36 in) Weight 300 - 145 g (5.1 oz) 310 - 134 g (4.8 oz)





3M[™] Bair Hugger[™] Therapy Chest Access Blanket Model 305

The 3M[™] Bair Hugger[™] chest access blanket is designed specifically for the postoperative warming of thoracic surgery patients.

- Chest drapes retain warmth while providing clear, easy observation of the chest area
- Foot drape minimises risk of thermal injury to the feet and lower leg area



Specifications

Size 183 x 91 cm (72 x 36 in) **Weight** 133 g (4.7 oz)

Chest Drapes (2) 61 x 61 cm (24 x 24 in)



3M[™] Bair Hugger[™] Therapy Multi-Access Blanket Model 315

The 3M[™] Bair Hugger[™] multi-access blanket offers clinicians easy access to any part of the patient's body while providing full patient coverage, maximising thermal transfer.

- · Six convenient panels allow quick access to the patient's chest, arms, torso, and lower body
- Foot drape minimises risk of thermal injury to the feet and lower leg area
- Integrated tuck flaps at the shoulders help maintain blanket position





Size 213 x 91 cm (84 x 36 in) Weight 150 g (5.3 oz)

Temperature Management Units

3M[™] Bair Hugger[™] Therapy Temperature Management Units



3M[™] Bair Hugger[™] therapy's temperature management units have become the standard of excellence in forced-air warming. Both the model 505 and model 750 temperature management units are small, lightweight and easy to use. More importantly, each unit is designed to provide clinically effective patient warming at safe air delivery temperatures. In addition, Bair Hugger temperature management units are the only forced-air warming systems that can be used with an integrated, cost-effective method of fluid warming - the 3M[™] Bair Hugger 241[™] blood/fluid warming set.

Temperature Management Unit Model 775

The 3M[™] Bair Hugger[™] model 775 unit combines performance, precision and ease-of-use into a single compact unit.

- · Quiet, easy to use unit
- · Safe, quick temperature response
- Two airflow settings and hose-end temperature sensing for precise temperature delivery
- Compatible with all Bair Hugger blanket styles - paediatric to adult
- Tracks and reports therapy duration, over-temperature information, calibration, hours used (via built-in meter), fault codes
- Unit use information available via the front panel no need to open the unit
- Compatible with Bair Hugger 241 blood/fluid warming set



Specifications

Dimensions 33h x 36w x 33d cm (13h x 14w x 13d in)

Weight 7.3 kg (16 lb) $\begin{array}{l} \textbf{Operating Temperatures} \\ \text{High: } 43^{\circ} \pm 1.5^{\circ} \text{ C} \ (109.4^{\circ} \pm 2.7^{\circ} \text{ F}) \\ \text{Med: } 38^{\circ} \pm 1.5^{\circ} \text{ C} \ (100.4^{\circ} \pm 2.7^{\circ} \text{ F}) \\ \text{Low: } 32^{\circ} \pm 1.5^{\circ} \text{ C} \ (89.6^{\circ} \pm 2.7^{\circ} \text{ F}) \end{array}$

Meets UL 60601-1 and IEC 60601-1 requirements

Leakage Current

High-efficiency 0.2 µm air filter

Filter

Device Ratings 110-120 VAC, 50/60 Hz, 11.7 Amperes 220-240 VAC, 50/60 Hz, 7.2 Amperes 100 VAC, 50/60 Hz, 15 Amperes

Temperature Management

3M[™] Bair Hugger[™] Therapy Temperature Management Unit Model 750

The 3M[™] Bair Hugger[™] model 750 unit combines performance, precision and ease-of-use into a single compact unit.

- Hose-end temperature sensing ensures accurate air temperature delivery
- High airflow for greater heat transfer to the patient
- Three independent sensors continuously monitor system performance
- Built-in hour meter makes it easy to monitor usage for preventative maintenance



Specifications

Dimensions 30h x 25w x 34d cm (12h x 10w x 13.5d in)

Weight 7 kg (15.5 lb) $\begin{array}{l} \textbf{Operating Temperatures} \\ \text{High: } 43^{\circ} \pm 1.5^{\circ} \text{ C} \ (109.4^{\circ} \pm 2.7^{\circ} \text{ F}) \\ \text{Med: } 38^{\circ} \pm 1.5^{\circ} \text{ C} \ (100.4^{\circ} \pm 2.7^{\circ} \text{ F}) \\ \text{Low: } 32^{\circ} \pm 1.5^{\circ} \text{ C} \ (89.6^{\circ} \pm 2.7^{\circ} \text{ F}) \end{array}$

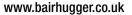
Leakage Current Meets regulatory standards for leakage current

Filter

High-efficiency 0.2 μm air filter

Device Ratings

110-120 VAC, 50/60 Hz, 11.7 Amperes 220-240 VAC, 50/60 Hz, 7.2 Amperes 100 VAC, 50/60 Hz, 14.5 Amperes





3M[™] Bair Hugger[™] Therapy Temperature Management Unit | Model 505

The 3M[™] Bair Hugger[™] model 505 provides safe, quiet and effective warming to patients around the world.

- Small size frees up more usable workspace
- · Light weight makes transport and set-up a breeze
- Freestanding or easily attached to an IV pole bedrail or optional rolling cart
- · Built-in hour meter makes it easy to monitor usage for preventative maintenance
- Unique snap-fit hose swivels at three points for easy blanket attachment and positioning



Specifications

Dimensions 33h x 25w x 28d cm (13h x 10w x 11d in)

Weight 6.2 kg (13.6 lb) $\begin{array}{l} \textbf{Operating Temperatures} \\ \text{High: } 43^{\circ} \pm 3^{\circ} \text{ C} \ (109.4^{\circ} \pm 5.4^{\circ} \text{ F}) \\ \text{Med: } 38^{\circ} \pm 3^{\circ} \text{ C} \ (100.4^{\circ} \pm 5.4^{\circ} \text{ F}) \\ \text{Low: } 32^{\circ} \pm 3^{\circ} \text{ C} \ (89.6^{\circ} \pm 5.4^{\circ} \text{ F}) \end{array}$

Leakage Current Meets regulatory standards for leakage current

Filter

High-efficiency 0.2 μm air filter

Device Ratings 110-120 VAC, 60 Hz, 9.5 Amperes 220-240 VAC, 50 Hz, 4.5 Amperes 100 VAC, 50/60 Hz, 10 Amperes