

# WARMING IMPERIAL SURGICAL®





PROUDLY MADE IN CANADA KEEPING YOUR PATIENTS WARM AND SAFE SINCE 1935



# WARMING CABINETS

### EFFECTIVE AND CONVENIENT

- Our patent-pending HEPA Filtered Circulating Air Warming Cabinets are designed for easy use, easy servicing, effective heat distribution, and maximum storage capacity.
- Our warming cabinets come in a range of 11 models to suit every possible need and application.
- They are available in both tall and tabletop formats with options for full stainless steel or glass inset doors.
- All our Warming Cabinets come with an industry-leading
   7-year warranty (see page 7 for details)

### THE IMPORTANCE OF PRE-WARMING

- Inadvertent perioperative hypothermia is a relatively common occurrence with anesthesia and can have a significant adverse impact on patients' outcomes.
- Prewarming, as recommended in the AWMF guidelines, results in a significant and clinically relevant reduction in the incidence of inadvertent perioperative hypothermia.
- Our warming cabinets provide passive warming methods to maintain temperatures throughout the perioperative process.
- Resulting benefits: reduced blood loss, shorter hospital stays, and decreased surgical site infections.

#### SUPERIOR AIR CIRCULATION

- With a circulating air system, our cabinets allow for the most effective and even air distribution.
- The HEPA Air Filters provide for higher quality, filtered hot air with the muffin fan system pushing down rising hot air.
- Full back panel with low wattage tubular elements.







'Bindu B, Bindra A, Rath G. Temperature management under general anesthesia: Compulsion or option. J Anaesthesiol Clin Pharmacol. 2017;33(3):306-316.

<sup>2</sup>Grote R, Wetz AJ, Bräuer A, Menzel M. Prewarming according to the AWMF S3 guidelines on preventing inadvertant perioperative hypothermia 2014: Retrospective analysis of 7786 patients. Anaesthesist. 2018 Jan;67(1):27-33...

3Amy K. Williams, DNP, RN. Benefits of Passive Warming on Surgical Patients Undergoing Regional Anesthetic Procedures. Volume 33, ISSUE 6, P928-934, December 01, 2018



## **KEY FEATURES**

### CABINET DESIGN

- Cabinet bodies and interior components are fully welded stainless steel with a #4 polished finish and insulated with an R-6 rating
- Doors are low maintenance fully insulated stainless steel with a high-temperature rubber gasket and magnetic insert for an air-tight seal which prevents of heat loss
- Perforated stainless steel interior shelves provide excellent weight capacity while allowing for air circulation
- Adjustable interior shelves with stops to prevent tipping and accidental removal
- Reversible hinge assembly facilitates both left and right opening configurations
- Adjustable exterior leveling feet
- All electronic components are easily accessible for maintenance



INTERIOR SHELVES

#### NFW!

#### ANTIMICROBIAL HANDLES

- Our cabinet handles are now protected with CuVerro Shield<sup>™</sup> by Aereus Technologies\*
- CuVerro Shield<sup>™</sup> is a unique solid functional layer of naturally antimicrobial copper that is applied to our warming cabinet handles to deliver outstanding protection to your highest touch zones.
- CuVerro® kills more than 99.9% of bacteria.

## TEMPERATURE CONTROL

- Digital temperature controls are easy to use and precise to within +/- 1.5°C (+/- 2.7°F)
- Units with two compartments feature a unique thermostat for each
- Standard maximum temperature selection is 71°C / 160°F
- Equipped with a high-temperature overload switch for autoshut off should an electrical malfunction occur
- High temperature warning light activated should temperature exceed the pre-selected setting by 6°C / 10°F
- Optional lockable temperature settings for enhanced safety



OR-7854

ALL MODELS AVAILABLE WITH FULL STAINLESS STEEL OR GLASS INSET DOORS WARMING CABINETS

<sup>\*</sup> CuVerro Shield™ by Aereus Technologies is a Health Canada Pest Management Regulatory Agency (PMRA) registered product.

<sup>\*\*</sup>Laboratory testing shows that, when cleaned regularly, CuVerro surfaces kill greater than 99.9% of the following bacteria within 2 hours of exposure: Methicillin-Resistant Staphylococcus aureus, Staphylococcus aureus, Enterobacter aerogenes, Pseudomonas aeruginosa, E.coli 0157:H7, and Vancomycin-Resistant Enterococcusfaecalis (VRE). The use of CuVerro® bactericidal copper products is a supplement to and not a substitute for standard infection control practices; users must continue to follow all current infection control practices, including those practices related to cleaning and disinfection of environmental surfaces. This surface has been shown to reduce microbial contamination, but it does not necessarily prevent cross contamination.



## LOOKING FOR A MINIATURE TABLE TOP?

Specifically designed for clinics, procedure rooms, and day/ambulatory surgery centers, our HugAire<sup>TM</sup> model includes the same key features as our traditional models offering a compact and economical format. Our warming cabinet is designed for long lasting performance and for the functionality of your space.

## UNIQUE FEATURES TO HUGAIRE™

- Crafted with durable powder-coated steel for long-lasting performance and an aesthetically pleasing appearance.
- The interior is expertly fabricated using 304 stainless steel, ensuring optimal hygiene and durability for long-term use.
- Features a full glass door for content visibility and durability



#### PRODUCT SFI FCTION

| ITEM #<br>Stainless<br>Steel Door | ITEM #<br>Glass Door | DESCRIPTION                          | <b>DIMENSIONS</b> (W x D x H) IN / MM    | CAPACITY<br>(CU. FT.)   | NUMBER<br>OF SHELVES | SHELF<br>DIMENSIONS<br>(W x D) IN / MM |
|-----------------------------------|----------------------|--------------------------------------|--|-------------------------|----------------------|--|
| OR-7054                           | OR-8054              | SINGLE COMPARTMENT COUNTER-TOP MODEL | 29" x 20" x 34"<br>(737 x 508 x 864)     | 5.2                     | 1                    | 24.25" x 14"<br>(616 x 356)            |
| OR-7154                           | OR-8154              | SINGLE COMPARTMENT COUNTER-TOP MODEL | 29" x 26" x 34"<br>(737 x 559 x 864)     | 7.2                     | 1                    | 24.25" x 16"<br>(616 x 406)            |
| OR-7754                           | OR-8754              | SINGLE COMPARTMENT                   | 29" x 22" x 74"<br>(737 x 660 x 1880)    | 14.6                    | 3                    | 24.25" x 20"<br>(616 x 508)            |
| OR-7854                           | OR-8854              | SINGLE COMPARTMENT                   | 29" x 28" x 74"<br>(737 x 660 x 1880)    | 19.8                    | 3                    | 24.25" x 22"<br>(616 x 559)            |
| OR-7954                           | OR-8954              | DOUBLE<br>COMPARTMENT                | 29" x 28" x 74"<br>(737 x 660 x 1880)    | UPPER 4.3<br>LOWER 13.8 | 3                    | 24.25" x 22"<br>(616 x 559)            |
|                                   | OR-9000              | SINGLE COMPARTMENT                   | 23.4" x 15.2" x 19"<br>(594 x 386 x 483) | 2                       | 1                    | 17" x 15.1"<br>(686 x 384)             |

In the event you do not have a counter available, the counter top models (OR-7054, OR-8054, OR-7154 & OR-8154) are available with a stand (OR-7995) specifically designed to support the weight of a counter top warming cabinet. Contact us for more details.

## Modify your existing Warming Cabinet with our NEW CuVerro Shield™ handles

| ITEM #  | DESCRIPTION                         |  |
|---|-------------------------------------|--|
| CUV-3981                                      | 1 CuVerro Shield™ flush-pull handle |  |
| CUV-3982 2 CUVERRO SHIELD™ FLUSH-PULL HANDLES |                                     |  |





# **PRODUCT SPECIFICATIONS**

# HUGAIRETM DETAILS

#### CONSTRUCTION

| CONSTRUCTION                |  |
|-----------------------------|--|
| Exterior Material           | Power Coated Mild Steel  |
| Interior Material           | 304 stainless steel  |
| Compartments                | 1  |
| Shelves                     | 1 W  |
| Window                      | Plexiglass, full length  |
| HEATING SYSTEM              | Convection Electric with circulating fan                       |
| Heating Power, W            | 370-1,1050   |
| Accuracy                    | ± 1.5 C° (2.7 F°)  |
| Displays                    | C°, F°   |
| Temperature selection range | 30-71 C° (86-160 F°)   |
| Alarm Limits                | High, 71C° (160 F°), Low 30C° (86 F°)                          |
| ALARM                       | Visual   |
| Display                     | LED  |
| SAFETY                      | Automatic shutoff when temperature exceeds 20% above set point |
| CONTROL PANEL               |  |
| Туре                        | Digital  |
| Display Type                | LED  |
| Indicators                  | Control panel, on/off analog set point                         |
| DIMENSIONS (WxDxH)          | 23.4"x15.2"x19"<br>59.4cm x 38.6cm x 48.2cm                    |
| CAPACITY                    | 2 cu.ft.   |
| WEIGHT                      | 36.3 kg (80 lb)  |
| LINE POWER, VAC             | 110-120  |
| STANDARDS                   | CSA, UL  |
| ACCESSORIES                 | Half Basket, Full basket                                       |
|                             |  |

# **ELECTRICAL DETAILS**

| ITEM #                                   | ELECTRICAL DATA  |  |  |
|--|--|--|--|
| OR-7054<br>OR-7154<br>OR-8054<br>OR-8154 | Service required: 120V, 60Hz<br>Amperage: 3.1 Amps<br>370 Watts  |  |  |
| OR-7754<br>OR-7854<br>OR-8754<br>OR-8854 | Service required: 120V, 60Hz<br>Amperage: 6.0 Amps<br>700 Watts  |  |  |
| OR-7954<br>OR-8954                       | Service required: 120V, 60Hz Amperage:<br>9.0 Amps<br>1050 Watts |  |  |
| OR-9000                                  | Service required: 120V, 60Hz<br>Amperage: 1.67 Amps<br>200 Watts |  |  |

220 volts can be made available with a stepdown transformer.

Hospital grade power cord length 72"/185cm

# HEPA filtered circulating air **PATENT PENDING**



Warranty Terms: First year covers parts and labor, the remaining 6 years covers parts only. The warranty is comprehensive and includes all components. The stainless steel cabinet is warranted for 7 years against manufacturing defects.





#### SURGMED GROUP

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