



INSTRUCTION MANUAL



OPERATING ROOM CABINETS Installation and Maintenance



Read and understand all of the instructions and safety information in this manual before operating this product.

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DESCRIPTION OF PRODUCT

This products covered in this manual are:
All types and models of the stainless steel
Operating Room Cabinets.

PURPOSE OF THIS MANUAL

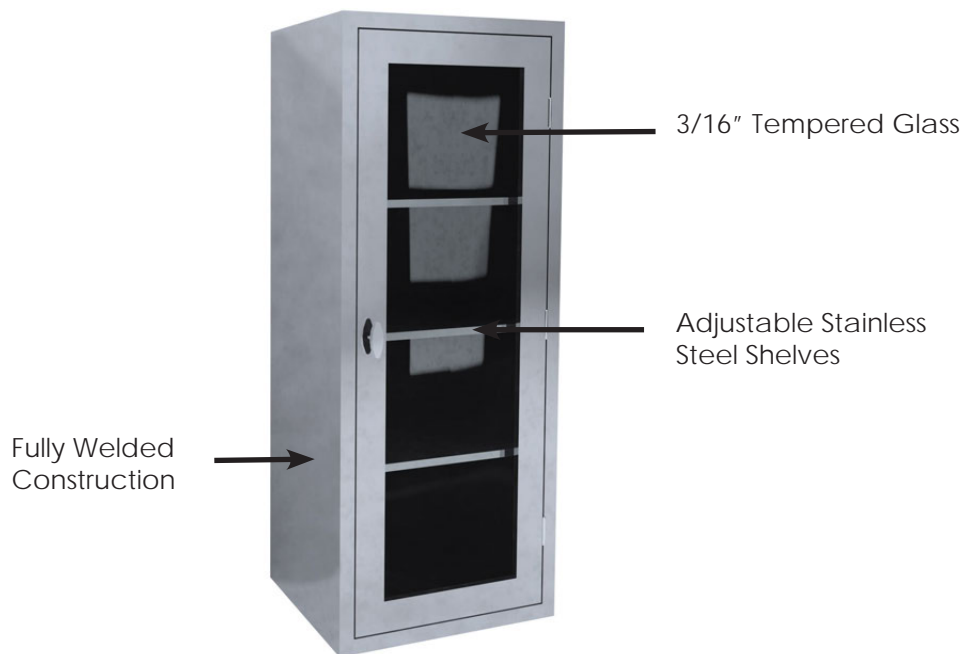
This manual provides the user with instructions on the installation and maintenance of both the Recessed and Wall Mounted models of the various stainless steel Operating Room Cabinets. This manual also contains the description of the standard features and general specifications of the various models of Operating Room Cabinets.

KEEP THIS MANUAL

STANDARD FEATURES - MISCELLANEOUS SUPPLY CABINETS

Miscellaneous Supply Cabinets come standard with:

- Recessed
- Single glass door with 3/16" tempered glass
- 3 adjustable stainless steel shelves
- Tee handle
- Magnetic door catches with quiet close
- Seamless front face
- Fully welded construction
- Type 300 series stainless steel



Optional Features for Miscellaneous Supply Cabinets:

- Solid stainless steel door
- Tee handle with key lock
- Electronic keypad door lock with 4" standard pull handles
- Right or left hinge
- 12" high base (for wall mounted models)
- Sloping top (for wall mounted models)

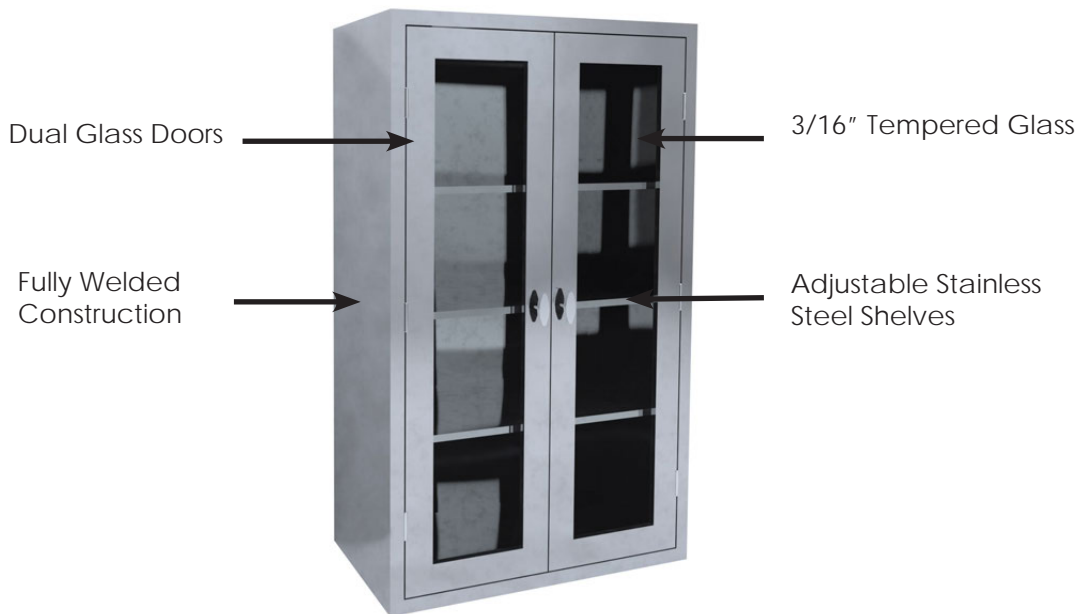
Model Numbers and Overall Dimensions - Miscellaneous Supply Cabinets

Model #	Overall Dimensions	Shelves
MMS-24	18" D x 24" W x 60" H	3

STANDARD FEATURES - EQUIPMENT SUPPLY CABINETS

Equipment Supply Cabinets come standard with:

- Recessed
- Dual glass doors with 3/16" tempered glass
- 3 adjustable stainless steel shelves
- Tee handle
- Magnetic door catches with quiet close
- Seamless front face
- Fully welded construction
- Type 300 series stainless steel



Optional Features for Equipment Supply Cabinets

- Solid stainless steel doors
- Tee handles with key lock
- Electronic keypad door lock with standard handles
- 12" high base (for wall mounted models)
- Sloping top (for wall mounted models)

Model Numbers and Overall Dimensions - Equipment Supply Cabinets

Model #	Overall Dimensions	Shelves
MES-36	18" D x 36" W x 60" H	3
MES-48	18" D x 48" W x 60" H	3

STANDARD FEATURES - DESK CABINETS

Desk Cabinets come standard with;

- Recessed
- Sloped writing surface
- Dry erase board
- 4 drawers
- 4" standard pull handles
- Seamless front face
- Fully welded construction
- Type 300 series stainless steel



Optional Features for Desk Cabinets

- 12" high base (for wall mounted models)
- Sloping top (for wall mounted models)
- CuVerro® Bactericidal Copper 4" Pull Handles

Model Number and Overall Dimensions - Desk Cabinets

Model #	Overall Dimensions	Shelves
MDC-24	18" D x 24" W x 60" H	0

STANDARD FEATURES - TABLE ACCESSORY CABINETS

Table Accessory Cabinets come standard with:

- Recessed
- Dual solid doors
- Pegboard back and sides (1/4" diameter holes)
- Tee handles
- Magnetic door catches with quiet close
- Seamless front face
- Fully welded construction
- Type 300 series stainless steel



Optional Features for Table Accessory Cabinets

- Glass doors
- Tee handles with key lock
- Electronic keypad door lock with standard handles
- 12" high base (for wall mounted models)
- Sloping top (for wall mounted models)

Model Numbers and Overall Dimensions - Table Accessory Cabinets

Model #	Overall Dimensions	Shelves
MTA-36	18" D x 36" W x 60" H	0
MTA-48	18" D x 48" W x 60" H	0

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UNPACKING AND INSPECTION INSTRUCTIONS



CAUTION: The Operating Room Cabinets are heavy and it is recommended that at least two people assist with the unpacking.

Inspection

1. Receiving area must meet all State and Local regulations prior to unpacking.
2. Customer must inspect skid and Cabinets both before and after unpacking to determine if any items were damaged during shipping. If the skid or cabinets appear damaged in any way, contact the shipping company immediately. Save all damaged packing material.
3. All damaged items must be listed on the Bill of Lading.
4. Customer is responsible for the proper disposal of all packing materials. The disposal of these items must meet all State and Local regulations.

Unpacking Operating Room Cabinets

Stainless steel Operating Room Cabinets are shipped on well-constructed wooden skids. Steel bands secure the cabinets to the skid. The stainless steel surfaces of the part are protected by layers of plastic wrapping, and the corners are protected by heavy cardboard.

IMPORTANT: Wear gloves and eyewear during the unpacking operation.



Caution! Do not use a box cutter or any other cutting utensil to remove the plastic wrapping around the cabinet. These items can scratch the protective coating on the stainless steel allowing the surface to rust.

1. Use tin snips to cut the metal bands holding the box to the wooden skid.
2. Remove the cardboard corner protectors.
3. Remove the plastic protective wrapping.

Carefully inspect Operating Room Cabinets while unpacking. If they appear damaged or defective in any way, call your MAC Medical representative.

Retain all shipping materials until the cabinet is completely unpacked and inspected for damage.



INSTALLATION REQUIREMENTS

The following instructions should be followed during the installation of any of the Operating Room Cabinets:

- Check all local building codes prior to installation of any of the Operating Room Cabinets.
- Do not lift the cabinets by their handles or by the flanges in order to avoid damaging the cabinets.
- To prevent cabinet damage, do not overtighten the mounting hardware.
- Cabinets must be installed square to ensure proper door functionality.
- Install Cabinets in their final position. Cabinets are difficult to move after assembly is complete.
- Only transport Cabinets when they are empty. Properly secure while being transported.



Caution! The various Cabinets and their components are heavy. It is recommended that at least two people assist in the installation of the unit(s).

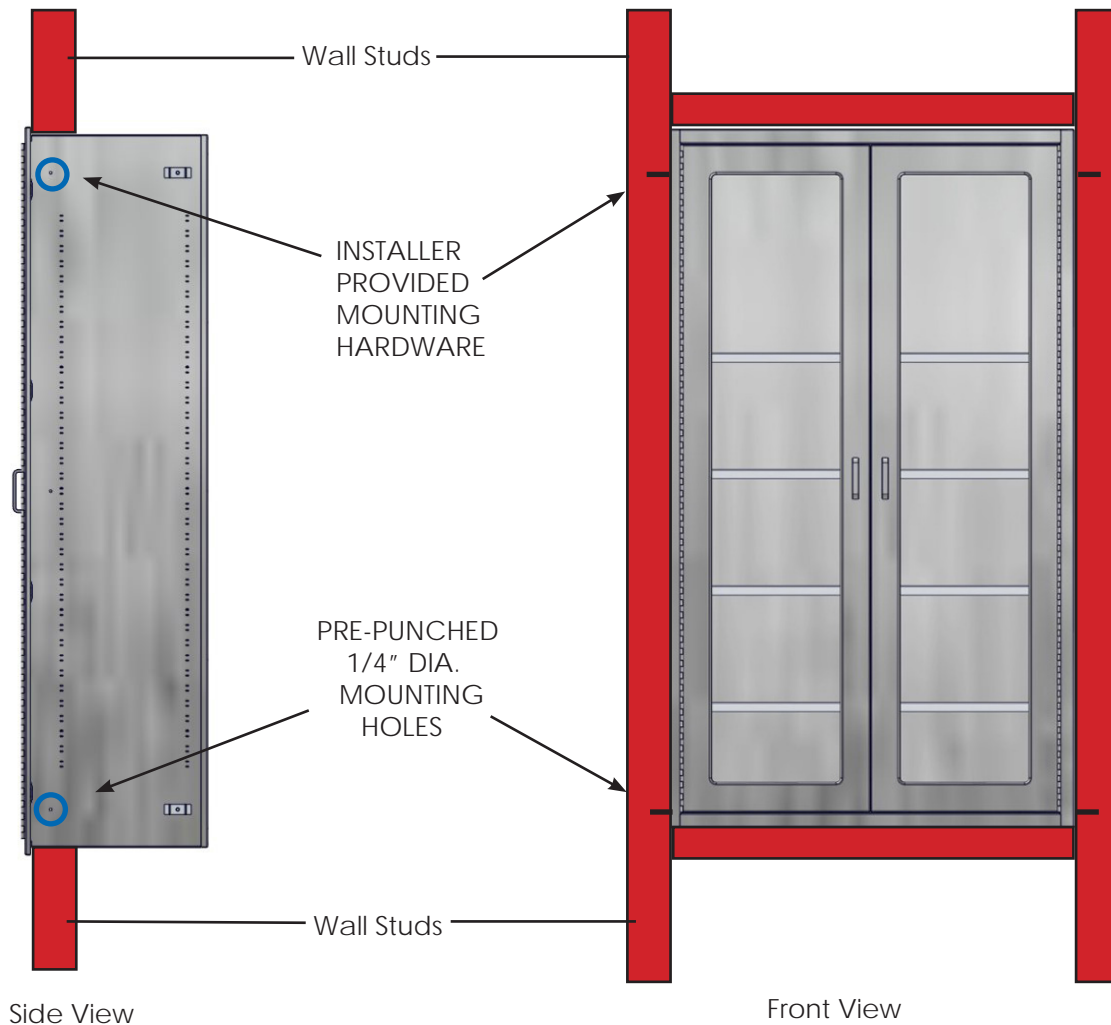


Caution! Wall Mounted versions of the Operating Room Cabinets may be a tipping hazard. It is recommended that the cabinets be anchored against the wall. Holes may be drilled in the back of the cabinets where needed and installer-provided mounting hardware may be used to secure the cabinets against a wall.

INSTALLATION INSTRUCTIONS - RECESSED CABINETS

The following are basic instructions for the installation of Recessed Operating Room Cabinets.

1. Verify wall opening size. Width and Height opening should be width of the cabinets minus 1 inch. For multiple cabinet installations, the width of the opening should be the total face width of the cabinets minus 1 inch.
 Example - Cabinet Height 80" = 79" opening height
 Cabinet Width - 36" = 35" opening width
2. Shim or block wall opening as required and insert the cabinet into the wall opening.
3. For multiple banked cabinet installation, insert the cabinets in the wall opening in their desired configuration and assemble them as per the Banked Cabinet assembly instructions on page 11-12.
4. Secure cabinet with mounting hardware through the prepunched mounting holes.



INSTALLATION INSTRUCTIONS - BANKED CABINETS

These instructions apply to both Wall Mounted and Recessed versions of the Operating Room Cabinets.

Cabinets intended to be Banked will ship without side panels on the sides where they are to be joined.

NOTE: Two High Cabinets are used to illustrate this procedure (Fig. 1).

1. Make sure that the cabinet is empty and shelves removed before installing the banked cabinets. Remove the doors prior to this operation (see Fig. 5, page 13).
2. If the Cabinets come with detached Bases, attach the Bases to the Cabinets per the instructions on pages 14-15.
3. Place the first cabinet in its desired location.
4. Locate the five connection points on the sides of each cabinet, three connections toward the front, and two in the rear (Fig. 2).
5. Place two Connection Spacers on the connection points at the rear of the cabinet, one on the top and one on the bottom (Fig. 3).
6. Place the next cabinet beside the first cabinet, and align the cabinet faces.
7. From the inside of one of the cabinets, insert the 1/4" bolt and one washer through one of the top rear connection holes until it protrudes from the other cabinet. Secure with the washer and acorn nut. Repeat with the bottom rear connection hole (Fig. 3).



Fig. 1: Two Cabinets to Be Banked

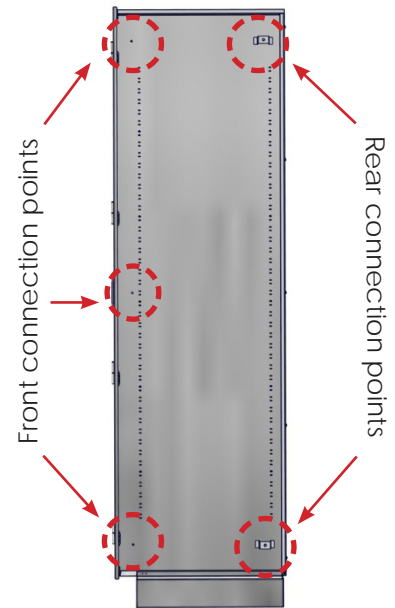


Fig. 2: Connection Points

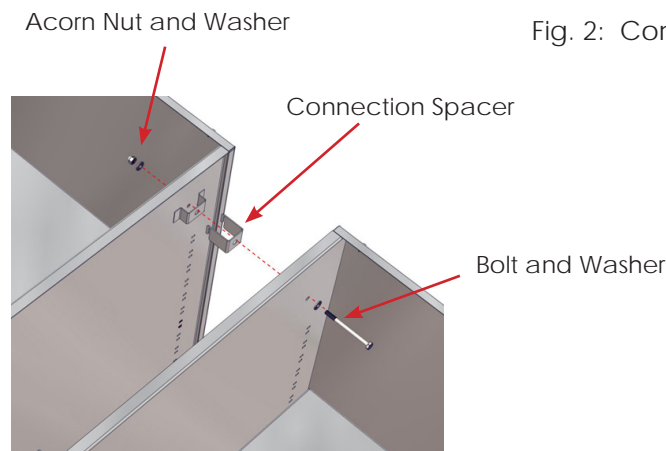


Fig. 3: Rear Bank Cabinet Connection

INSTALLATION INSTRUCTIONS - BANKED CABINETS (cont.)

8. Insert a 1/4" bolt and one washer through one of the top front connection holes until it protrudes from the other cabinet. Secure with the washer and acorn nut. Repeat with the center front and bottom front connection holes (Fig. 4).
9. If the cabinets are Free Standing, anchor the cabinets against the wall by drilling holes in the back of the cabinets where needed. Use installer-provided hardware to secure the Cabinets against the wall.
10. Install any shelves and replace the doors.

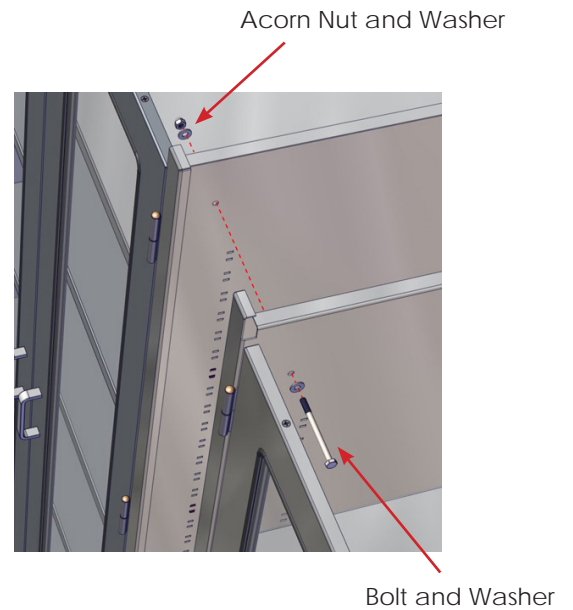


Fig. 4: Attaching Banked Cabinets/
Front Connections

INSTALLING OPTIONAL SLOPED TOP - Wall Mounted Cabinets

If the cabinet is purchased with the optional Sloped Top, it will be necessary to attach the sloped top to the cabinet before mounting the cabinet in its chosen location.

1. If the cabinet is equipped with doors, they may be removed for ease of installation. To remove the doors, open the doors fully and lift them off their hinges. The pin on the hinge of the door will slide out of the barrel of the hinge on the cabinet (Fig. 5).
2. With the Doors and Shelves removed, carefully lower the sloped top onto the top of the cabinet (Fig. 6).
3. From within the cabinet, attach the cabinet and sloped top using the four 1/4" bolts and washers (provided). Place the washers over the bolts and insert them into the four holes in the top of the cabinet and screw them into the sloped top (Fig. 7).

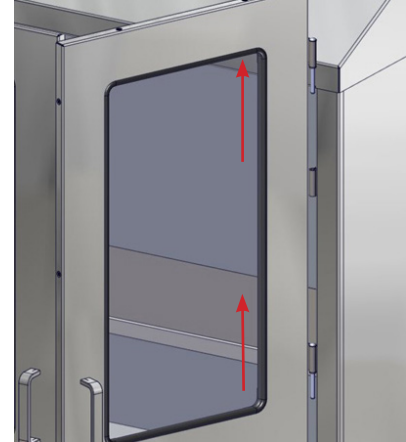


Fig. 5: Lift Door from Hinges



Fig. 6: Lower Sloped Top onto Cabinet

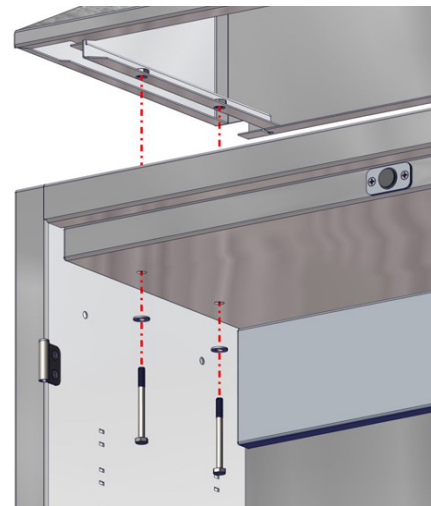


Fig. 7: Attach Sloped Top to Cabinet

INSTALLATION INSTRUCTIONS - Optional Wall Mounted Operating Room Cabinets with Separate Bases

(Note: Your Cabinet and/or Base may vary in appearance from the examples shown in these illustrations).

1. If the Operating Room Cabinet is equipped with doors, they may be removed for ease of installation. To remove the doors, open the doors fully and lift them off their hinges. The pin on the hinge of the door will slide out of the barrel of the hinge on the cabinet (Fig. 8).
2. If the cabinet ships with a separate base, place the base at the desired location for the cabinet. If Leg Levelers are provided with the base, use a level and the provided wrench (Part# IC07-01) to adjust the four leg levelers in the cabinet base until the base is level (Fig. 9)
3. It is recommended that the cabinet can be further stabilized by attaching the base to the floor via holes in the bottom of the cabinet base (Hardware not provided) (Fig. 10).

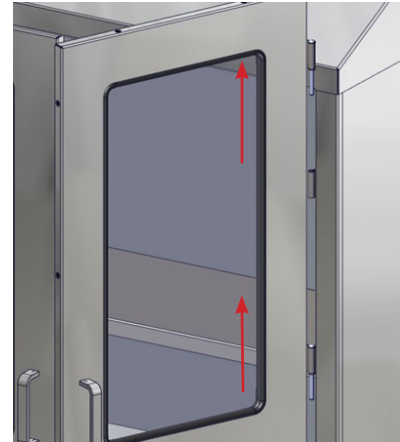


Fig. 8: Lift Door from Hinges

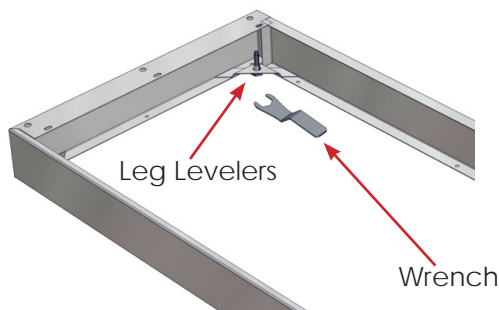


Fig. 9: Adjust Leg Levelers

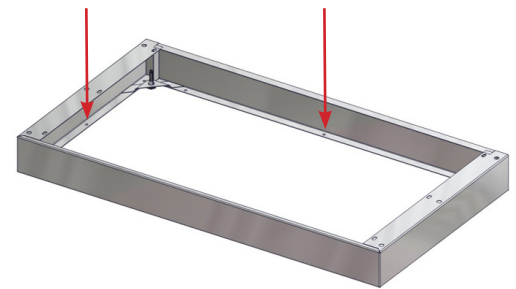


Fig. 10: Secure Base to Floor

4. Remove cabinet bottom panel -

Cabinets with Doors - remove the two front-facing screws near the sides of the cabinet. Slide the bottom panel forward about an inch and remove the panel (Fig. 11).



Fig. 11: Remove Front Screws

Open-Faced and Sliding Door cabinets - Remove the four screws from the top of the bottom panel (Fig. 12). Lift the panel up and out of the cabinet.



Fig. 12: Remove Four Top Screws

INSTALLATION INSTRUCTIONS - Optional Wall Mounted Operating Room Cabinets with Separate Bases (cont.)

5. Place the cabinet carefully on the base (Fig. 13).
6. Secure the cabinet to the base using the Locking Hex Bolts and Flanged Hex Nuts (provided) in the six holes on the sides of the base and cabinet (Fig. 14).
7. Replace bottom panel of the cabinet.
8. To further secure the cabinet, holes may be drilled in the back of the cabinet and installer-provided hardware used to secure the cabinet to the wall.
9. If the cabinet is equipped with shelving, proceed to the **Shelf Installation** Instructions on page 18.
10. If the doors have been removed, replace the doors by aligning the hinges and gently lowering the door into the hinges. The pin on the hinge of the door will insert into the barrel of the hinge on the cabinet.

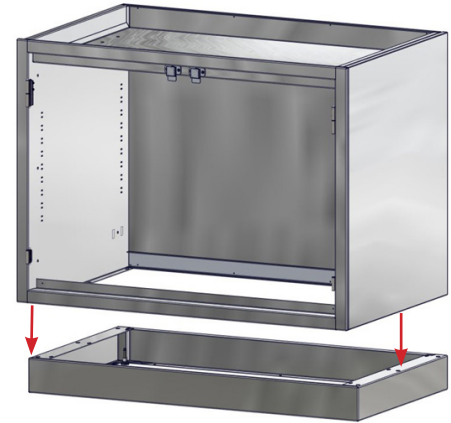


Fig. 13: Mount Cabinet to Base

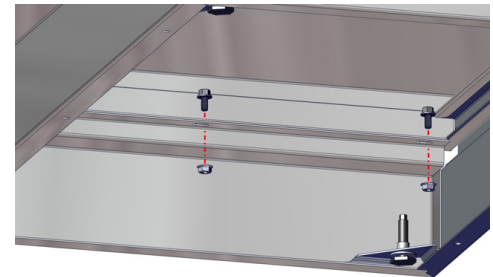


Fig. 14: Attach Base and Cabinet

INSTALLATION INSTRUCTIONS - Optional Wall Mounted Operating Room Cabinets with Preassembled Bases

Wall Mounted Operating Room Cabinets can be equipped with Adjustable Leveling Feet. Once the Cabinet is positioned where desired, the Leveling Feet may be adjusted as follows:

Cabinets with Doors

1. For Cabinets with doors, it will be necessary to first remove the doors. Open the doors fully and lift it off its hinges. The pin on the hinge of the door will slide out of the barrel of the hinge on the cabinet (Fig. 15).
2. After the doors are removed, remove the two front facing screws near the sides of the cabinet (Fig. 16)
3. Slide the bottom panel forward about an inch and remove the panel (Fig. 17).
4. Adjust the leveling feet with the Wrench provided (Part #IC07-01) (Fig. 18).
5. It is recommended that the cabinet be further stabilized by attaching the base to the floor via holes in the front and back of the cabinet base (Hardware not provided).
6. Replace the bottom panel of the cabinet.
7. If the doors have been removed, replace the doors by aligning the hinges and gently lowering the door into the hinges. The pin on the hinge of the door will insert into the barrel of the hinge on the cabinet.

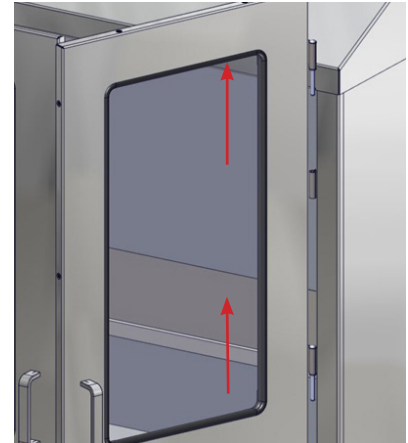


Fig. 15: Lift Door from Hinges



Fig. 16: Remove Two Front Screws



Fig. 17: Remove Bottom Panel

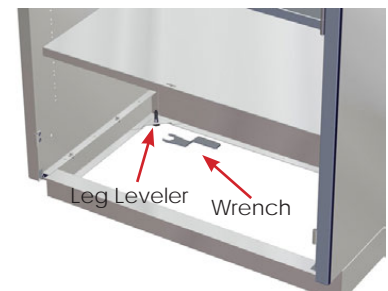


Fig. 18: Adjust Leg Levelers

INSTALLATION INSTRUCTIONS - Optional Wall Mounted Operating Room Cabinets with Preassembled Bases (cont.)

Open Faced Cabinets

8. Remove the four screws from the top of the Bottom Panel (Fig. 19). Slide the bottom panel forward about an inch and remove the panel.
9. Adjust the leveling feet with the Wrench provided (Fig. 18).
10. It is recommended that the cabinet be further stabilized by attaching the base to the floor via holes in the front and back of the cabinet base (Hardware not provided).
11. Once the cabinet is properly leveled, replace the bottom panel.
12. To further secure the cabinet, holes may be drilled in the back of the cabinet and installer-provided hardware used to secure the cabinet to the wall.



Fig. 19: Remove Four Top Screws

SHELF INSTALLATION

1. Install the shelves by attaching the Shelf Support Clips (four per shelf; Fig. 20) into their desired locations by inserting the top tab into the upper wall slot of that position. Push up slightly on the inserted top tab and push the bottom half of the clip in until the bottom tab snaps into the lower slot (Fig. 21).
2. Count the mounting locations at each corner of the chamber to be sure that the shelf will be level and install the remaining support clips.
3. Install the shelf with the notches on the bottom of the shelf aligned with the shelf supports (Fig. 22).
4. Pull outward on the shelf to ensure it is locked properly on the supports.
5. If the doors have been removed, replace the doors by aligning the hinges and gently lowering the door into the hinges. The pin on the hinge of the door will insert into the barrel of the hinge on the cabinet.



Fig. 20: Shelf Support Tab

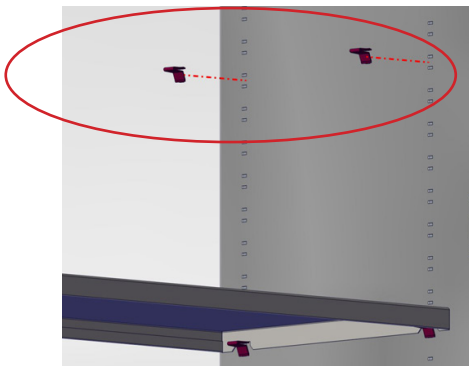


Fig. 21: Attach Four Support Clips

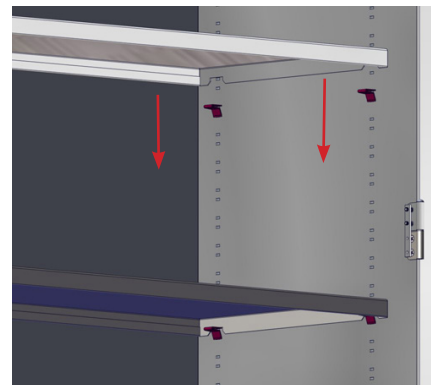


Fig. 22: Place Shelf on Support Tabs

ADJUSTING SHELVES

1. Remove the cabinet doors if desired for ease of adjustment. Open the doors fully and lift them off their hinges. The pin on the hinge of the door will slide out of the barrel of the hinge on the cabinet.
2. Remove the shelf and determine its new position (Fig. 23).
3. Remove the four (four per shelf) shelf support clips by tilting the clip upward and lifting out (Fig. 24).
4. Install the shelf support into the new location by inserting the top tab into the upper slot of the new position. Push up slightly on the inserted top tab and push the bottom half of the clip in until the bottom tab snaps into the lower slot.
5. Count the mounting locations at each corner of the chamber to be sure that the shelf will be level and install the remaining supports.
6. Reinstall the shelf with the notches on the bottom of the shelf aligned with the shelf supports.
7. Pull outward on the shelf to ensure it is locked properly on the supports.
8. If the doors were removed prior to shelf adjustment, they may now be reinstalled by aligning the hinges and gently lowering the door into the hinges. The pin of the hinge on the door will insert into the barrel of the hinge on the cabinet.

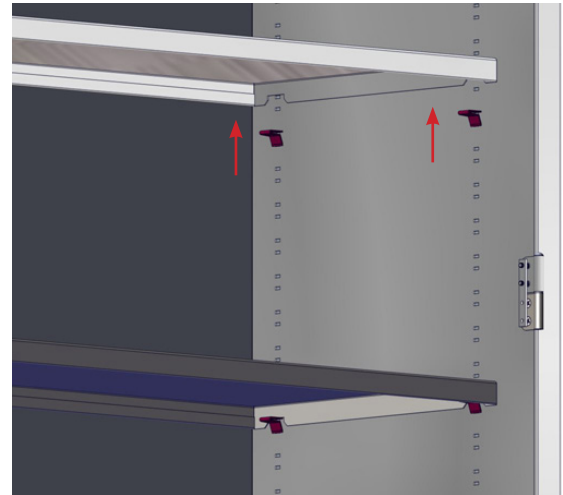


Fig. 23: Remove Shelf from Support Tabs

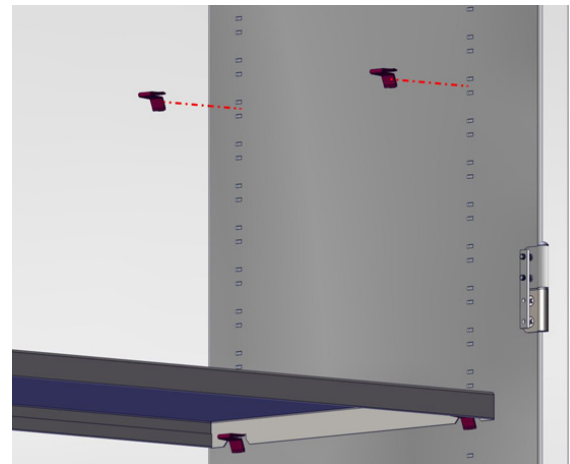


Fig 24: Remove Four Support Tabs and Relocate

DOOR HINGE ADJUSTMENT

If the door frames appear misaligned, it will be necessary to adjust the door hinges to ensure that the door frames align correctly.

1. Open one door fully and loosen the screws on the hinges that attach to the sides of the cabinet (two screws per hinge) (Fig. 25)
2. Move the door up or down (up to 1/4" in either direction) to align one door frame with the other (Fig. 26). Use a level to ensure the door frames align properly.
3. Tighten the hinge screws when desired alignment is achieved.

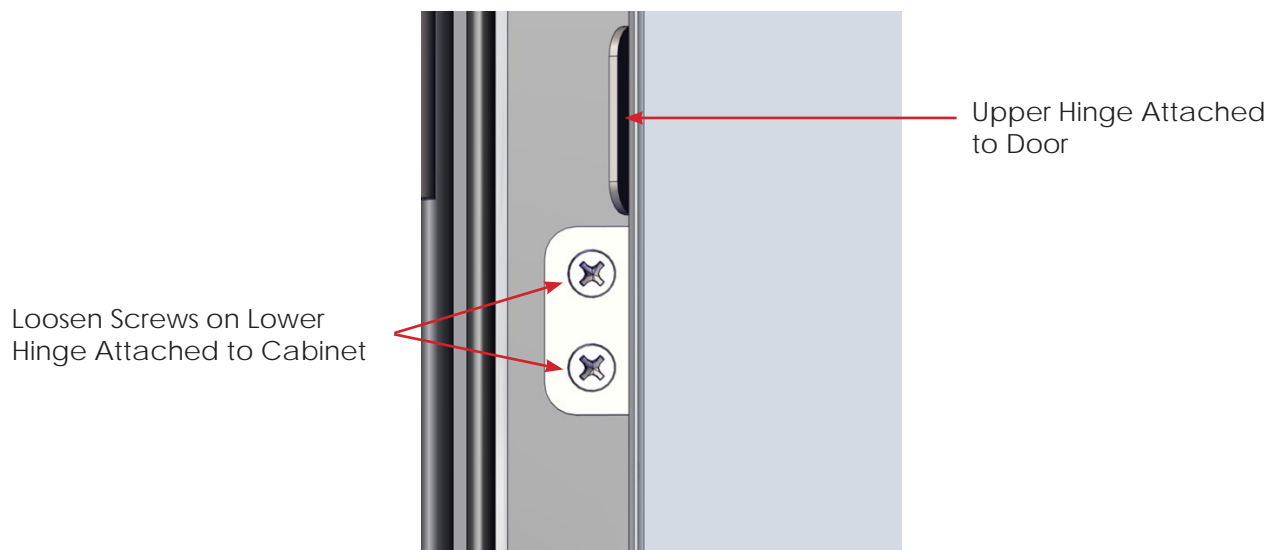


Fig. 25: Loosen Hinge Screws

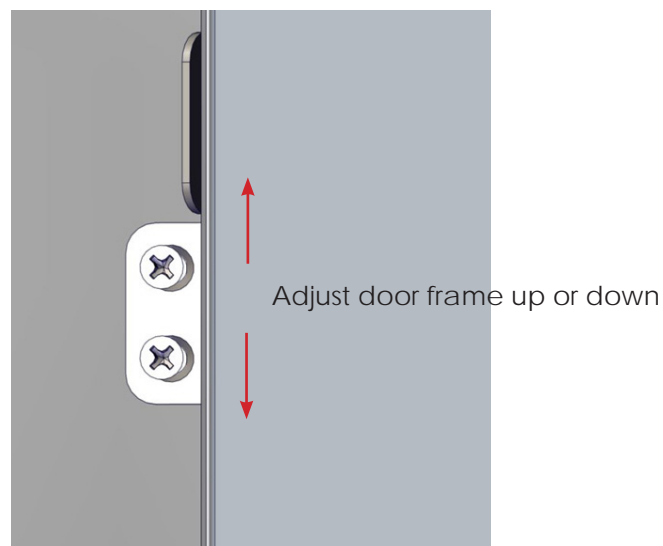


Fig. 26: Adjust Door up or Down

OPTIONAL ELECTRONIC KEYPAD DOOR LOCK - PROGRAMMING AND OPERATION

Base Cabinets can be equipped with optional Electronic Locks. Following are instructions for the use of these locks.

The Electronic Lock

The Electronic Lock has a 10 button keypad and a “#” button (Fig. 27).



Fig. 327: Electronic Lock

The “#” button is hidden beneath the handle when in the Locked position (Fig. 28).

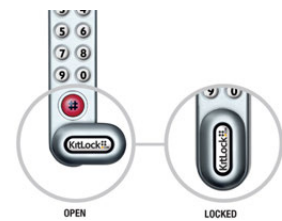


Fig. 28: Lock Open and Closed

There are two LED indicator buttons above the keypad that will flash to indicate the status of certain operations (Fig. 29).

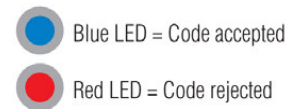


Fig. 29: LED Indicator Lights

Basic Information

The Electronic Lock is supplied with two factory set codes:

Master Code: 11335577

User Code: 2244

When the Cabinet is first received, immediately change the **Master Code** and **User Code**.

All **Master Code** and **Sub-Master Codes** are 8 digits long.

All **User Codes** are 4 digits long.

The Lock “open” time is set at 4 seconds.

Penalty Time - Entering three incorrect Codes will cause the Lock to shut down for 10 seconds.

OPTIONAL ELECTRONIC KEYPAD DOOR LOCK - PROGRAMMING AND OPERATION (cont.)

Functions

Before programming the lock, select the most appropriate function for the application:

- A) **Private use**
- B) **Public use**

A) **Private Use** (This is the default function and is already preprogrammed in new locks).

This is the most common function and is used where the same code will be repeatedly used.

B) **Public Use** (The user will enter their own personal 4-digit code.

This locks the lock. The same code is entered only once to open the lock before being erased and ready for the next new user.

This function is used for short-term, multi-occupancy applications (e.g. a locker in a leisure center).

Codes and Code Levels

The Electronic Lock has the following **Code Levels**:

1) **MASTER CODE**

The **Master Code** can:

- Open the Lock
- Change the Master Code
- Set/Change/Delete the Sub-Master and User Code
- Select between Private and Public Functions
- Activate/Deactivate the Technician Code

2) **SUB-MASTER CODE**

The **Sub-Master Code** can:

- Open the Lock
- Change the Sub-Master
- Set/Change/Delete the User Code

3) **USER CODE**

The **User Code** can:

- Open the Lock
- Change the User Code

4) **TECHNICIAN CODE**

The **Technician Code** can:

- Open the Lock

NOTE: A Code cannot be programmed into more than one Level

OPTIONAL ELECTRONIC KEYPAD DOOR LOCK - PROGRAMMING AND OPERATION (cont.)

Programming

To Program the Lock, the Lock must be in the Open position with the “#” button visible.

Every program command must commence by pressing the “#” button, followed by either the **Master Code**, **Sub-Master Code**, or **User Code**.

1) MASTER CODE COMMANDS

Purpose: **Change the Master Code**

Command Format: #Master Code * 01 * New Master Code * New Master Code

Example: #11335577 * 01 * 12345678 * 12345678

Result: Master code changed to 12345678

Purpose: **Set or Change the User Code**

Command Format: #Master Code * 02 * User Code

Example: #11335577 * 02 * 9999

Result: New User Code is now 9999

Purpose: **Delete User Code**

Command Format: #Master Code * 03

Example: #11335577 * 03 *

Result: User Code is deleted

Purpose: **Set or Change the Sub-Master Code**

Command Format: #Master Code * 04 * Sub-Master Code * Sub-Master Code

Example: #11335577 * 04 * 87654321 * 87654321

Result: Sub-Master Code 87654321 is now operative

Purpose: **Delete the Sub-Master Code**

Command Format: #Master Code * 05 * 05

Example: #11335577 * 05 * 05

Result: Sub-Master Code is deleted

2) SUB-MASTER CODE COMMANDS

Purpose: **Change the Sub-Master Code**

Command Format: #Sub-Master Code * 06 * New Sub-Master Code * New Sub-Master Code

Example: #87654321 * 06 * 10101010 * 10101010

Result: Sub-Master Code has been changed to 10101010

Purpose: **Set or Change the User Code**

Command Format: #Sub-Master Code * 07 * User Code

Example: #87654321 * 07 * 6666

Result: New User Code is 6666

Purpose: **Delete the User Code**

Command Format: #Sub-Master Code * 08

Example: #87654321 * 08

Result: User Code is deleted

OPTIONAL ELECTRONIC KEYPAD DOOR LOCK - PROGRAMMING AND OPERATION (cont.)

3) USER COMMANDS

Purpose: **Change the User Code**

Command Format: #User Code * New User Code * New User Code

Example: #2244 * 6688 * 6688

Result: User Code is now 6688

4) SPECIAL MASTER CODE COMMANDS

Purpose: **Set A) Private Use**

Command Format: #Master Code * 26

Example: #11335577 * 26

Result: The Lock will revert back to default A) Private Use Function. Factory set User Code 2244 will now work repeatedly until reprogrammed.

Purpose: **Set B) Public Use - Single Code Entry (default)**

Command Format: #Master Code * 24

Example: #11335577 * 24

Result: The Lock will now remain open until the next user enters their own personal code into the Lock as follows:

Step 1: Enter 4 digit code* Close the door, which will now be locked.

Step 2: Enter the same 4 digit code* The Lock will now open and remain opened until the next 4 digit code is entered.

Purpose: **Set B) Public Use - Double Code Entry**

Command Format: #Master Code * 22

Example: #11335577 * 22

Result: The Lock will now remain open until the next user enters their own personal code into the Lock as follows:

Step 1: Enter 4 digit code * Repeat 4 digit code* Close the door which will now be locked.

Step 2: Enter the same 4 digit code * The Lock will now open and remain open until the next 4 digit code is entered as in Step 1.

NOTE: When locked in this mode, the **RED LED** will flash every 5 seconds to indicate the door is locked.

Purpose: **Set Technician Code**

Command Format: #Master Code * 99 * Technician Code * Technician Code

Example: #11335577 * 99 * 555555 * 555555

Result: The Lock is automatically set into **B) Public Use** Function and allows the programmed **Technician Code** to open the Lock without the entered single **User Code** being erased.

Note: If the Lock is opened with a **Master Code**, the **User Code** will be erased.

OPTIONAL ELECTRONIC KEYPAD DOOR LOCK - PROGRAMMING AND OPERATION (cont.)

Battery Life and Maintenance

The Electronic Lock should provide well in excess of 15,000 openings of 4 seconds each, from 2 x AAA 1.5V cells.

SPECIAL CODE COMMAND - BATTERY LEVEL CHECK

Purpose: **Checking Battery Power Level**

Command Format: #Master Code * 09

Example: #11335577 * 09

Result: Both **RED** and **BLUE** LEDs will flash to indicate current Battery Status (Fig. 30):

More than 80% charged	● ● ● ● ● ● ● ●
Between 50%-80% charge	● ● ● ● ● ●
Between 20%-50% charged	● ● ● ●
Less than 20% charged	● ●

Fig. 30: Battery Status

Low Battery Indicator - When the Battery Power is low the **RED LED** will flash three times before the **BLUE LED** lights, accepting the Code. Fit new batteries as soon as this happens. The lock will operate 100 times with a low battery (Fig. 31).



Fig. 31: Low Battery Lights

Replacing the Batteries

Fit new Batteries by opening the door and removing the Upper Fixing Bolt. Swing the Lock down over the edge of the door. Refit the Lock when done (Figs. 32 and 33)

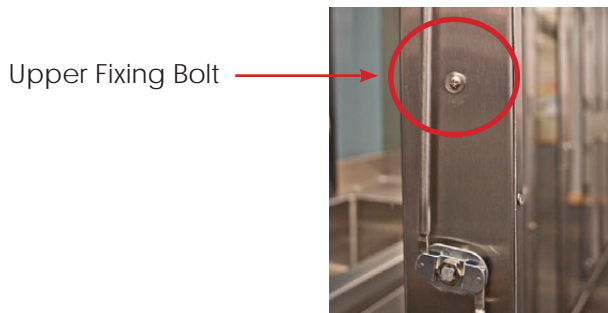


Fig. 32: Upper Fixing Bolt

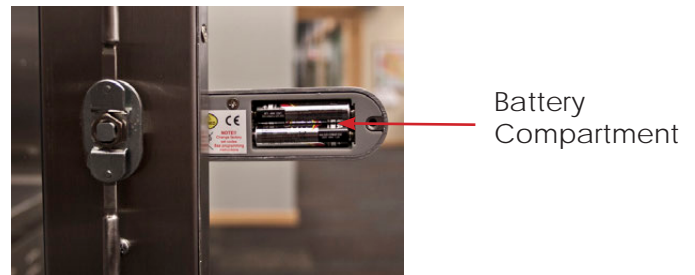


Fig. 33: Battery Compartment Open

OPTIONAL ELECTRONIC KEYPAD DOOR LOCK - PROGRAMMING AND OPERATION (cont.)

Battery Failure Override - The Electronic Lock has been designed so an external PP3 battery can be placed against the contact points surrounding the Blue and Red LEDs so the lock can be opened to replace the batteries should they fail. The Procedure is as follows:

- 1) Place the contact points of the PP3 battery against the contact points surrounding the **BLUE** and **RED** LEDs, with the positive "+" PP3 terminal against the **RED** LED contact point and the negative "-" PP3 terminal against the **BLUE** LED.
- 2) Enter the **Master Code**.
- 3) The motor will withdraw the locking pin allowing the lock to be opened.
- 4) Fit new batteries by removing the upper fixing bolt and swinging the lock down over the edge of the door. Refit the lock when done (Figs. 32 and 33).

Lost Code Procedure



Note: This procedure requires to door to be open.

- 1) Remove the upper fixing bolt and swing the lock over the edge of the door to reveal the battery compartment (Figs. 32 and 33).
- 2) Remove one battery.
- 3) Press and hold the "1" button and replace the battery. The **BLUE LED** will flash twice. Release the "1" button. Within 3 seconds, press the "1" button three times. The **BLUE LED** will flash twice and the Lock will have reverted to the factory **Master Code** 11335577. All other stored settings will be erased.

CLEANING AND MAINTENANCE

Stainless steel cabinets must be cleaned on a regular basis to prevent any unnecessary damage to the stainless steel surfaces. Spilled liquids and standing water should be cleaned up immediately.

When cleaning stainless steel Operating Room Cabinets, make sure to use the proper, approved cleaning agents and cleaning materials to protect the surface and prevent damage or corrosion.

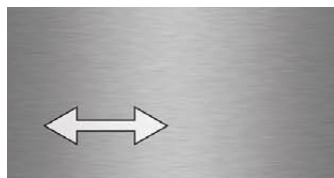
 CAUTION: DO NOT USE these Cleaning Materials	 CAUTION: DO NOT USE these Cleaning Agents
Abrasive Pads	Hard Water (water with a pH reading above 7.0)
Scrapers (metal or plastic)	Hydrochloric Acid
Steel Wool	Steam or high pressure water
Wire Brushes	Bleach or any compounds containing chlorine or Sodium hypochlorate, or ammonium chloride salts

Approved cleaning materials and agents		
Soft, clean lint-free cloth	Non-abrasive cleaning pads	Soft bristle brush
Mild detergents	Sodium Bicarbonate (baking soda)	Distilled water (pH rating 7) alone or with a mild detergent
White vinegar (in a spray bottle)	Isopropyl Alcohol	Hospital-grade non-bleach disinfectants
Cleaners approved for use on stainless steel		

Always follow the manufacturer's instructions for proper use of these products.

Cleaning stainless steel surfaces:

- Using a damp, lint-free cloth and approved cleaner, wipe down the entire exterior surface of the stainless steel Cabinet. Using a damp, lint-free cloth with distilled water and a mild detergent, wipe down the entire exterior surface of the stainless steel Cabinet.
- Clean the Cabinet with the stainless steel surface grain as shown here:



Cleaning glass doors:

Use a commercially prepared ammonia-free glass disinfectant cleaner applied with a lint-free cloth.

Limited Lifetime Warranty

MAC Medical warrants to the original purchaser that its Proprietary Products will be free from defects in workmanship or materials under normal use and service for the life of the product, so long as owned by the original purchaser, according to the limitations set forth below.

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1. The customer must obtain a written return authorization supplied by MAC Medical's customer service department. The product must be returned, properly packaged, with a copy of the original sales receipt and copy of the RMA authorization. Please call (877) 828-9975 or (618) 476-3550 to receive a return authorization.
2. The customer must pre-pay freight charges to and from MAC Medical and must ship merchandise properly packaged, in a way the product will not be damaged during transit to the factory. MAC Medical does not warranty any freight damage to or from the factory. It is the customer's responsibility to inspect the product for packaging damage before signing the BOL.

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