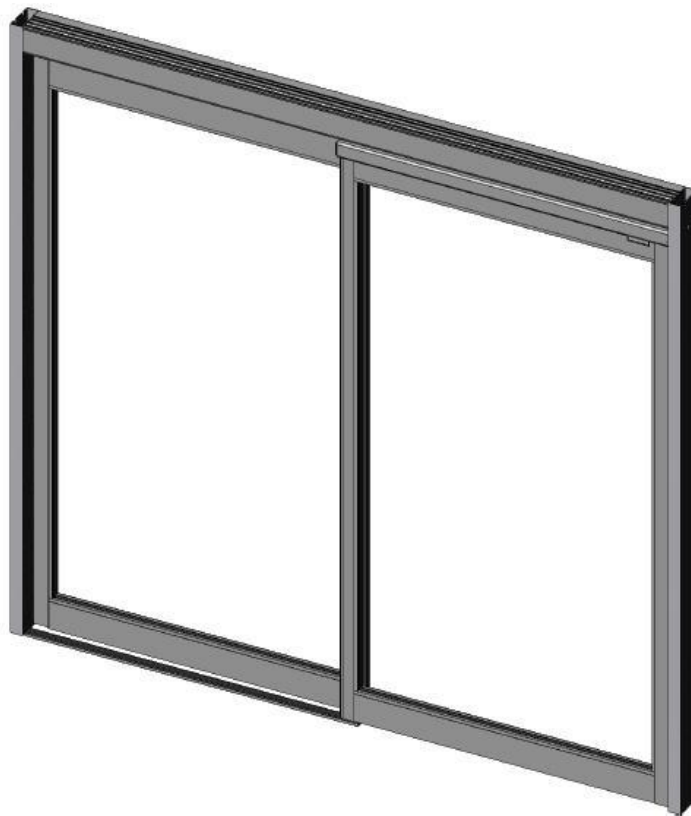




VersaMax™

Besam ICU/CCU

Equal Panel Owner's Manual



Complies with applicable sections of NFPA 101 and the IBC Life Safety Codes for Manually Operated Pedestrian Doors

US23-2100-01 Rev A

Issue 8-8-2013

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Revisions

The following pages have been revised:

Page	Revision
16	Added VersaMax Touchless info

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Congratulations on the Purchase of Your New Door!

Besam has developed automatic and manual doors for more than 40 years. State-of-the-art technology and carefully tested materials and components provide you with a superior product.

As with all other technical products, your manual door requires periodic maintenance and service. This manual will assist you with proper door maintenance. It is essential that you know your manual door system and that you recognize the importance of maintaining it in compliance with the applicable standards for safety.

Your local Besam authorized representative is familiar with these standards, as well as all applicable local codes that Besam recommends for manual pedestrian doors. Service and adjustments performed by your Besam-authorized representative will ensure safe and proper operation of your door unit.

Environmental Requirements

Please act according to your local regulations and dispose of your old product(s) and packaging properly. The correct disposal will help prevent potential negative consequences for the environment and human health.

Product Liability

According to Besam, the following are the responsibility of the owner or caretaker of the equipment:

- That the equipment operates correctly, that regular inspection and maintenance and service is made, so that it gives sufficient protection in regard to safety and health
- That the equipment is operated and regularly maintained, inspected and serviced by someone with documented competence in the equipment and in applicable regulations
- That a maintenance log is kept of inspection, maintenance and service records
- That the closing force is appropriate for the door size on fire-approved door systems (when applicable).

Warranty

Besam warrants its products to be free from defects in material and workmanship under intended use and service for a warranty time of 12 months, beginning at time of delivery. This warranty extends only to the original buyer of the equipment. Besam warrants that the software will operate substantially in accordance with its functional descriptions and that it has been recorded on non-defective media.

The Besam warranty does not apply to:

- general wear and tear on the system
- glass damage
- system deviations caused by installer other than Besam
- system that has been altered or damaged by vandalism or misuse
- system that has been additionally equipped with non-Besam original branded parts and/or spare parts
- unrequired visits due to poor client communication (door working when our technician arrives, reset, power discontinuation)
- adjustments (closing and opening speed) due to customer requests
- water damage
- adverse weather conditions
- any damage caused, directly or indirectly, by a circumstance beyond the control of the applicable company within ASSA ABLOY Entrance Systems, such as industrial dispute, fire, natural disaster, war, extensive military mobilization, insurrection, requisition, seizure, embargo, restrictions in the use of power and defects or delays in deliveries by sub-contractors caused by any such circumstances.

Please Note:

- Non-compliance with manufacturer's care and maintenance recommendations may void the warranty.
- Besam-authorized resellers shall extend this warranty to end-users only, but have no authority to extend a greater or different warranty on behalf of Besam.
- A service agreement with Besam will secure the availability of a fully operational system and will give priority at call-out, thus minimizing the time that the system is unfit for use.

Service

Regular inspections shall be made according to national regulations by a trained and qualified person. The number of service occasions shall be in accordance with national requirements. This is especially important when the installation concerns a fire-approved door or a door with an emergency opening function. If you have any questions, you should talk to your Besam representative. For contact information, see last page of the manual.

What You Should Know

Be sure that a Besam representative has provided the following for each door:

- Telephone number to call for service or questions about your system if you are uncertain of any condition or situation.
- Warranty information for each door.
- Information on how to properly use and operate the door.

Introduction

This manual contains specific details and instructions for the maintenance and service of the Besam VersaMax ICU/CCU Equal Panel manual sliding door package.

The door, when in use, provides smooth effortless operation when being opened and closed, and can be, broken out to provide a wider access for moving large pieces of equipment through the opening.

Servicing Responsibility



The purpose of this manual is to familiarize you with how to have your door system serviced.

It is your responsibility, as owner or caretaker of the equipment, to inspect the operation of your door system to ensure that it is safe for use by your guests, customers or employees.

This manual provides you with a description of the operation and service requirements of your door. See "[Functional and Visual Inspection](#)" section of this manual. It also provides instructions for "Warranty Requirements" and "Troubleshooting" information. See [Warranty Requirements](#) and [Troubleshooting](#) sections of this manual.

Should the door fail to operate as prescribed in Safety Check, or at any other time for any other reason, do not attempt to repair or adjust the door, call a qualified service technician. These technicians are trained to service your door in accordance with applicable industry safety standards.

Service Availability



Besam products are distributed through a nationwide network of Besam offices and authorized distributors for sales, installation and service.

Should you need service on your door system, consult the yellow pages of your telephone directory or for your local Besam authorized distributor, call 1-877-BESAM-87 or visit www.besam-usa.com and select Contact Us.

Warranty Requirements

To fulfill the warranty requirements and to avoid door malfunction and possible injury, the following safety checklist should be observed.



Do not use door if repairs or adjustments are necessary.

Action	If Problem Occurs
Doors have all traffic decals mounted properly	
Positive latch, if equipped, is secure and operates correctly	
Flush Bolt, if equipped, is secure and operates correctly	
Door area is free from hazards	 
Door panels are free from broken or cracked glass	 
Overhead track is clean and secure	 
Doors are secured to track and can not be dislodged	 
Doors slide open and closed in smooth unobstructed manner	 

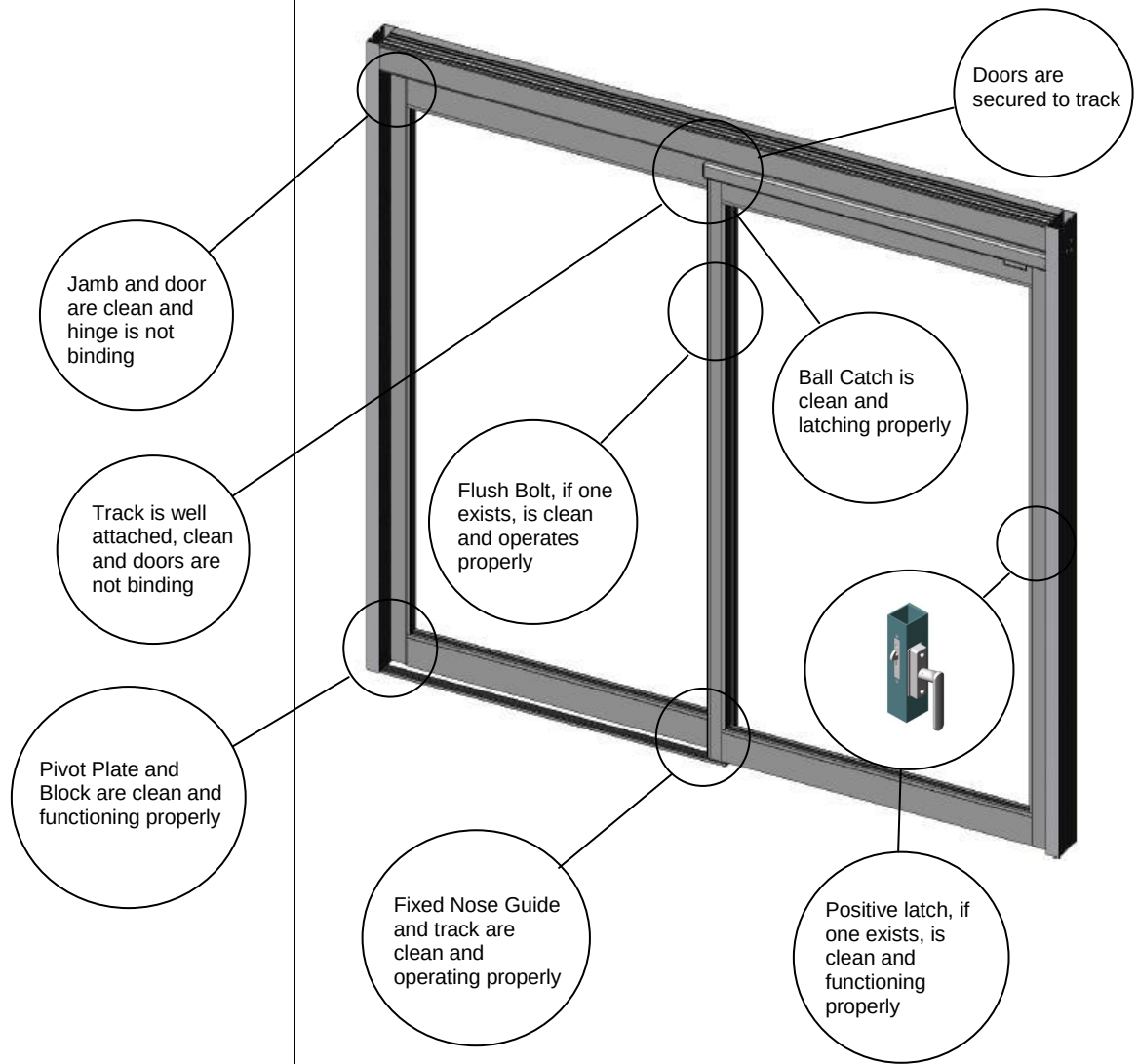


Contact Besam authorized representative. For contact information, see last page.



Take appropriate measures

Function and Visual Inspection



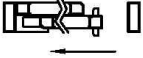
Cleaning

The recommended way to clean your door is to use clean water and a sponge.

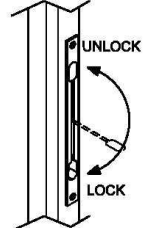
- Do not expose aluminum doors or glass windows to alkalis, or damage will occur.
- Do not clean with high-pressure water or water may enter and damage equipment.
- Do not use detergents or abrasive additives, or cleaning materials.
- Do not scrub with materials such as Scotch-brite, as this causes mechanical damage.

**ICU
SWING OUT
DOOR
INSTRUCTIONS**

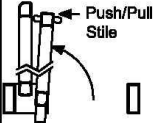
Slide the door to full open position.



Move flush bolt latch to unlock position.



Push or Pull on the vertical stile to swing doors to 90 degrees.



Reverse directions to close and latch the door panels.

Push/Pull Stile



Before sliding door, insure Flush Bolt latch is in 'Lock' position.

WARNING

Failure to follow these instructions can result in personal injury and/or damage to the door system.



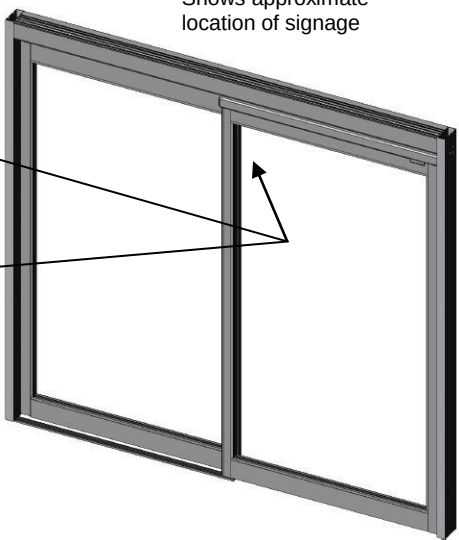
Do not use handles to swing out doors. Push or Pull from door stile to swing out doors.

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#US24-2004-08

Signage



Shows approximate location of signage

Flush Bolt Latch Label (If Flush Bolt is present)

Action	If Problem Occurs
Check that all signage, where and when required, is applied and intact in accordance with ANSI	
Product label is mandatory	
Flush Bolt Latch Label	
 Contact Besam authorized representative. For contact information, see last page.	

Troubleshooting

What's Wrong	Possible Cause	Responsibility
Door does not open	Check door dimensions. (Dimension should be 1/8" (3mm) between door and header and jamb.) If not, call a Besam authorized technician. Check that each active leaf frame is latched into the Ball Catch and that the flush bolt is functioning correctly (if one exists). If not, call a Besam authorized technician. Check for door blockage.	   
Door fails to breakout Caution: <i>If door fails to breakout, easily, do not force or damage will occur to the door.</i>	If door fails to breakout, call a Besam authorized technician. (Adjustments must be made by a Besam authorized technician.)	
Door does not close	Check for debris Check for door not latching into ball catch, if not call a Besam authorized technician.	  
Door is hard to open and close	Check track in header for debris. Check door dimensions. (Dimension should be 1/8" (3mm) between door header and jamb.) If not, call a Besam authorized technician.	 
Door makes unusual sounds when opened or closed	Call a Besam authorized technician.	
Door makes loud sound when opened all the way.	Call a Besam authorized technician.	
 Contact Besam authorized representative. For contact information, see last page.		
 Take appropriate measures		

Service Schedule

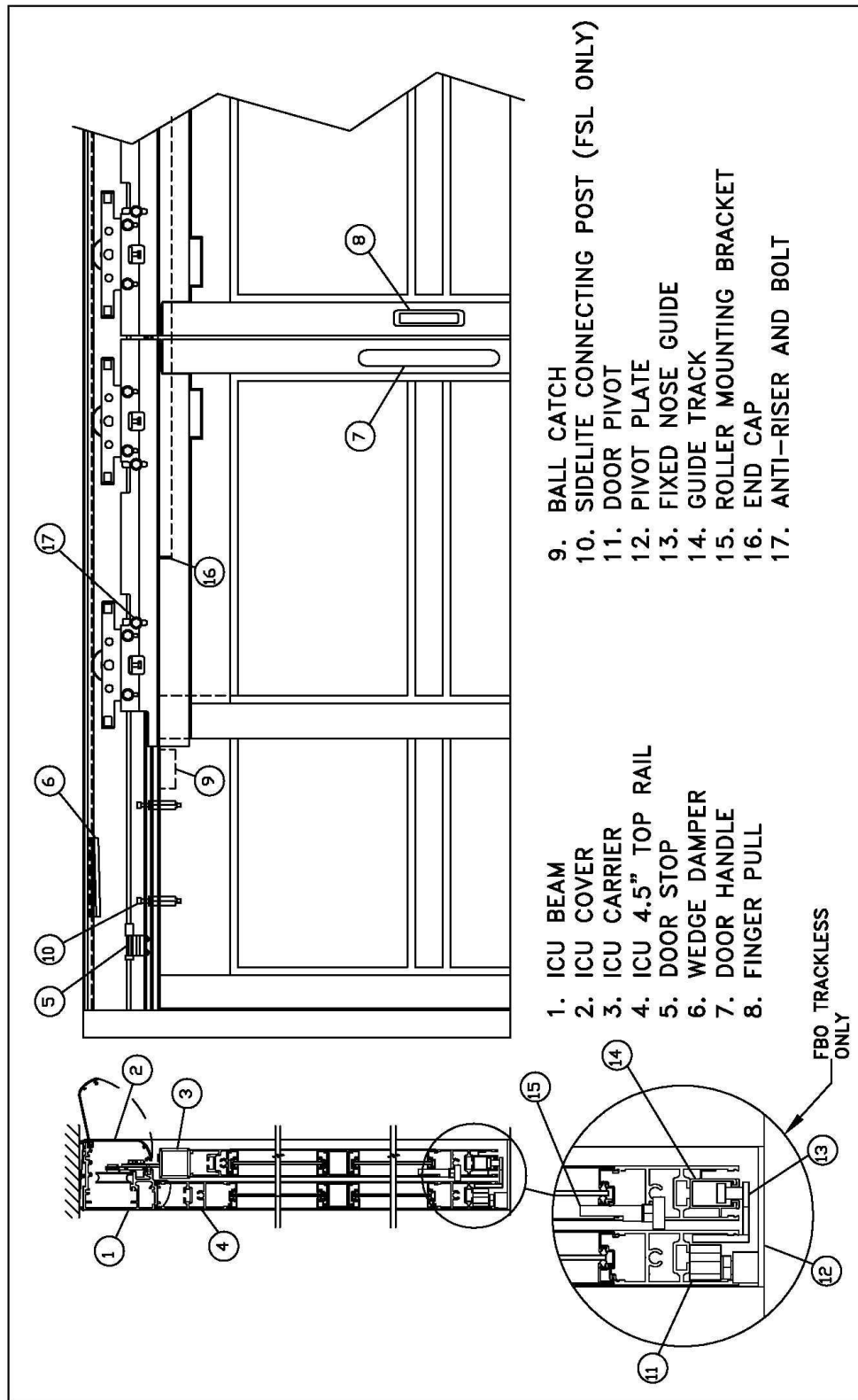
Although Besam's door equipment has earned a reputation for world-class quality and reliability, all mechanical devices need service. Your authorized Besam representative can offer you a Planned Maintenance Agreement on the equipment you have purchased. This agreement means the distributor will make planned maintenance calls to inspect, clean, lubricate, adjust, repair or replace worn components.

Frequency of maintenance visits will depend on factors for example, such as traffic and climate. Please ask your Besam representative how often they recommend the following services:

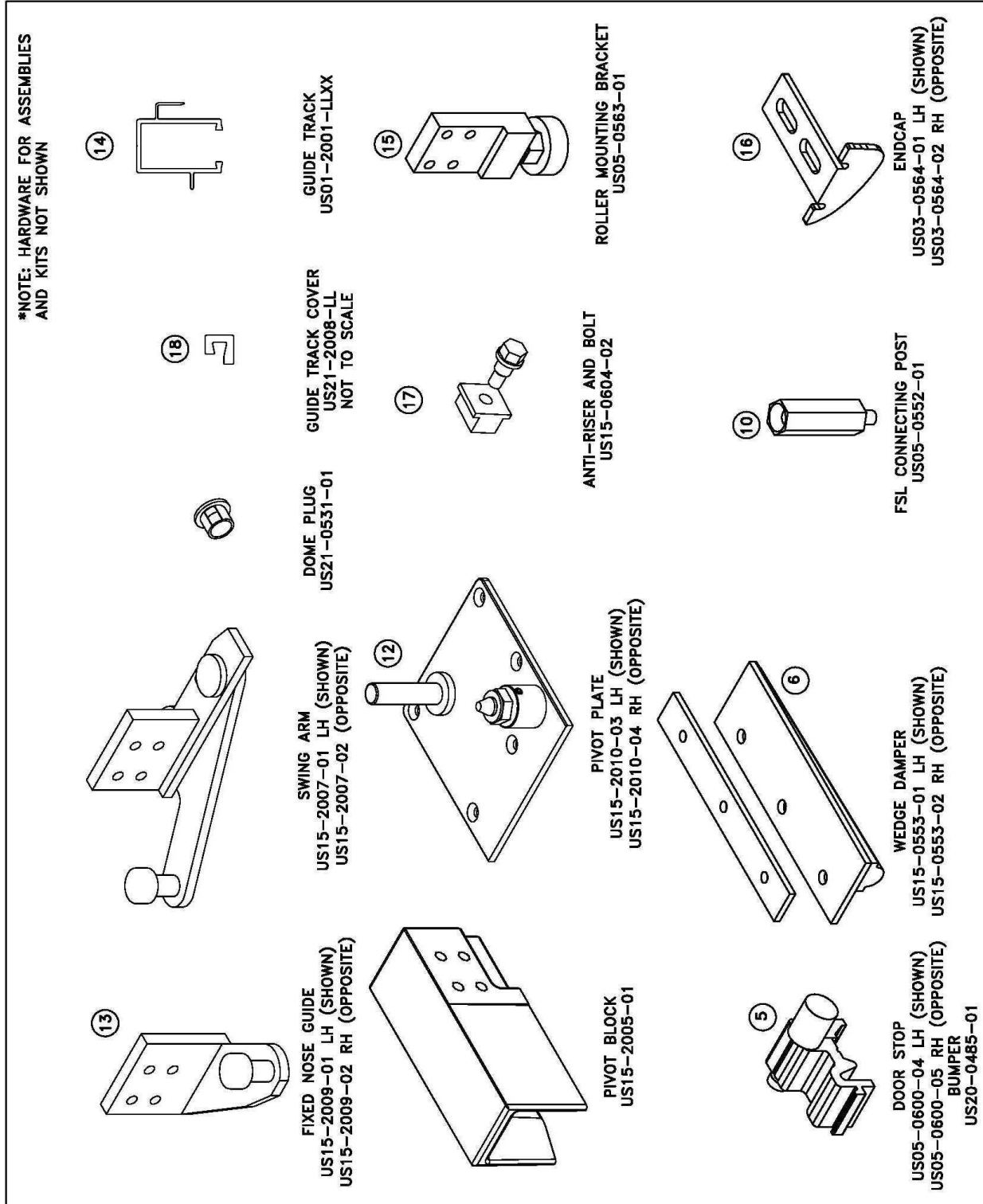
- Tooth Belt
- Door Stop
- Pivot Plate
- Wedge Damper
- Carriage Wheels
- Moldings and Thresholds
- Condition of Door Frames
- Guide Rails (if equipped)
- Flush Bolt (if equipped)
- Anti-Static (if equipped)
- Smoke Seals (if equipped)
- Sweep (if equipped)
- Positive Latch (if equipped)

Periodic maintenance will increase the life and performance of your Besam VersaMax ICU/CCU door system. We suggest you contact your authorized Besam representative to discuss a Planned Maintenance Agreement. Planned Maintenance Agreements differ between Besam representative, and Besam has no control over the agreement each Distributor may offer.

Parts Identification Location and Wear Parts Illustration



Parts Identification Location and Wear Parts Illustration (Continued)



Models

ICU/CCU panel door packages can be bi-parting (4-panel) or single slide (2 panel – left or right handed) and sidelites may be installed fixed or as full break out system. The ICU/CCU panel system utilizes an overhead concealed system.

Naming Convention	Explanation
ICU-S-2FB0-X	Standard, Single Slide Full Breakout, OFW
ICU-S-4FB0-X	Standard, Bi-Parting Full Breakout, OFW
ICU-S-2FSL-X	Standard, Single Slide Fixed Sidelite, OFW
ICU-S-4FSL-X	Standard, Bi-Parting Fixed Sidelite, OFW

Operational Features



Trackless FBO ICU/CCU Panel Packages (Patent Pending Design)

These ICU/CCU packages have the ability, when the active panel is slid to the full open position, to be fully “broken out”. This feature allows the door panels to be swung fully open (Pivoting) parallel to the wall to create a larger opening for moving oversized objects through the door opening.

Track FBO ICU/CCU Panel Packages

These ICU/CCU packages have the ability for panels to be broken out at any position. The packages can also be slid to the full open position, to be fully “broken out”. This allows the door panels to be swung fully open (pivoting) parallel to the wall to create a larger opening for moving oversized objects through the door opening.

Fixed Sidelite Packages

These packages only offer the active panel to be broken out. On trackless packages, the active panel must be fully open to be “broken out”. On track packages, the active panel can be “broken out” at any position.

Options

Listed below are some of the options that are offered with the ICU/CCU manual door. Please contact your local Besam representative for a detailed description.

- Positive Latch

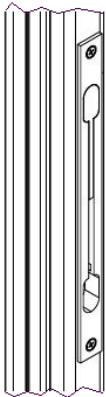
- Dual “C” handles
- Flush Bolt
- Anti-Static system
- UL1784 smoke rated
- Concealed Sweeps
- Self Closing system
- Wedge Damper
- Cover: anodizing optional

Optional Features



Positive Latch

An optional positive latch lock is available that will automatically latch the active leaf to the jamb when closed. A lever handle is provided on each side of the active leaf to unlock the sliding door.



Flush Bolt

The Flush Bolt is standard on some models and optional on others. This feature allows the sidelite panel to breakout when the Flush Bolt is in the UNLOCK position. When the Flush Bolt is in the LOCK position, the door will not breakout and is able to open and close as before.

Sweep

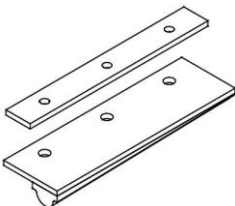
Sweeps are available for areas where climate control or restriction of air passage is required.

Anti-Static System

An optional Anti-Static system is available for doors that are located in areas that are predisposed to generating static electricity through pedestrian travel.

Self Closing System

The optional Self Closing device contains an adjustable tension/force and speed control system, which enables the door to self-close at an adjustable rate of speed.



Damper

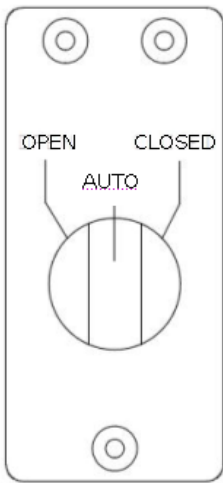
Damper option quietly stops the door when being opened.

VersaMax Touchless

The VersaMax Touchless door package with automatic doors eliminates the need to touch a door for opening and closing. The door package provides the ultimate in convenience and infection control for ICU, CCU, isolation rooms and other interior sliding door applications. The design takes the current manual VersaMax product and adds your choice of jamb or wall mounted activation devices. This allows the customer to have the same door components listed above on all automatic and manual VersaMax products.

For more details, please reference US23-2100-04 VersaMax Touchless Addendum manual.

Program Selector



Program Selector Functions

CLOSED

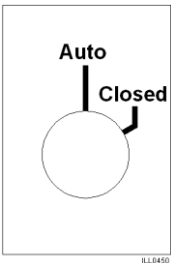
The inner and outer activation units are disconnected. The door can be opened with an emergency push-button/key switch (if installed).

AUTO

Two-way traffic, normal operation of the door. The door can be opened with the inner and outer activation units.

OPEN

The door is permanently held open. (This function is only available if door is tied into building's fire alarm.)



Note!

If the door package has smoke seals and the controller is not connected to the building fire alarm, the 'Open' function will be disabled. For these cases, a decal is added to the switch for correct function selector.

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