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Hours of Operation: Monday to Friday 8:00 am - 4:30 pm (Central Time)

ICU 2400 Automatic Sliding Door OWNER'S MANUAL

WARNING

- Turn OFF all power to the Automatic Door if a Safety System is not working.
- Keep all power turned OFF until the door can be serviced by a NABCO Entrances trained technician.
- NEVER leave a Door operating without all Safety detection systems operational.
- Failure to follow these practices may result in serious consequences.

Table of Contents

CHAPTER 1:	SAFETY ALERT DEFINITIONS	2
CHAPTER 2:	GENERAL SAFETY RECOMMENDATIONS	2
CHAPTER 3:	WARRANTY	2
CHAPTER 4:	GETTING STARTED	3
CHAPTER 5:	OPERATION	3
	Section 5.1: Activation	3
	Section 5.2: Breakout	4
CHAPTER 6:	DAILY SAFETY CHECKS	4
CHAPTER 7:	HEADER SENSOR TROUBLESHOOTING	5
CHAPTER 8:	SAFETY LABELS	6

Nabco Entrances, Inc., has a wide network of Factory Branches and Authorized Representatives in North America. Their friendly, qualified installers and technicians always strive to exceed your expectations from install to after-sales service. Nabco's factory branches and independent distributors may be located on our website at <https://www.nabcoentrances.com/service/find-a-distributor>.

Serial Number: _____

Installation Date: _____

Installed by: _____

Service Contact Name: _____

Service Contact Number: _____

CHAPTER 1: SAFETY ALERT DEFINITIONS

Throughout this manual, you will find safety alerts and helpful/informational messages. The following is an explanation of what they mean.

WARNING Indicates a hazard which, if not avoided, could result in death or serious personal injury.

CAUTION Indicates a hazard which, if not avoided, could result in minor or moderate personal injury.

Notice: The message provides information necessary for the protection of the unit.

Note: The message provides tips for use, care, and maintenance of the unit.

CHAPTER 2: GENERAL SAFETY RECOMMENDATIONS

WARNING Do not operate any Slide Door Unit without fully understanding how it functions. If you do not fully understand, ask a qualified technician. Failure to do so may result in bodily injury or equipment damage and will nullify all warranties.

WARNING Safety devices must be installed correctly and operational.

Notice: Inspect door operation daily using the Daily Safety Checklist within this manual and on the door.

Notice: Have door inspected at least annually by an AAADM certified inspector.

CHAPTER 3: LIMITED WARRANTY

NABCO Entrances, Inc., for its product line, provides its customers the following Limited Warranty:

- NABCO Entrances will exchange or repair, F.O.B. the plant, any component found to be defective in material and/or workmanship, subject to NABCO's inspection, for a period of 12 months after the date of shipment from NABCO.
- The warranty does not include field service labor. The installation contractor/customer will be responsible for installation and field service. This is NABCO Entrances sole warranty.
- The warranty does not cover loss or damages resulting from causes beyond the manufacturer's control: misuse, neglect, accidents, windstorms, or acts of God or terrorism.
- The warranty is for normal use and service. It does not apply to equipment that has been tampered with, repaired, or altered so as to adversely affect conditions of operation.
- The warranty does not obligate NABCO Entrances for damages resulting from such alterations, misuse, or acts of God or terrorism.

CHAPTER 4: GETTING STARTED

The purpose of this manual is to familiarize the Owner with the proper operation of the 2400 Automatic ICU Slide Door. This door system is designed to comply with the latest Low Energy Power Operated Sliding Door safety standard (ANSI/BHMA A156.38). It is essential that the Owner recognizes the importance of maintaining a properly functioning door and keeping it in compliance with industry standards for safety.

The 2400 Automatic ICU Slide Door includes:

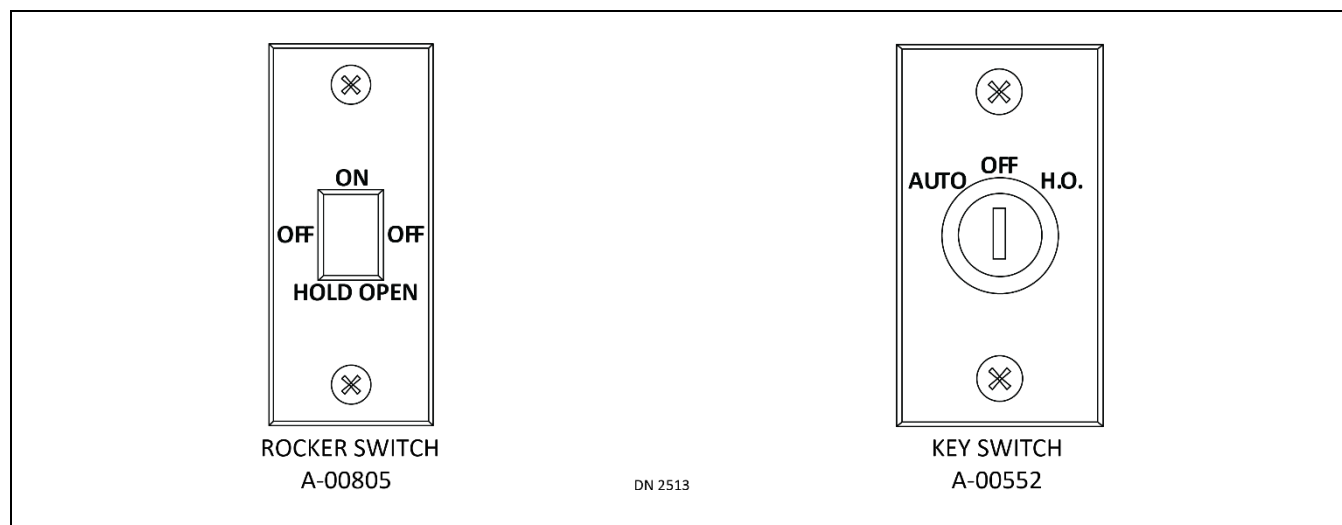
- Header
- Operator & Controls
- Header Mounted Sensors for Safety
- Activation Switch
- Jamb Tubes
- Lead Door Panel
- Trail Door Panel
- Swing Panel

CHAPTER 5: OPERATION

Section 5.1 Activation

1. Place the Rocker/Key Switch in the **"ON/AUTO"** position.
2. Initiate the Activation Signal to open the Door.
3. Walk through the opening.

Note: The Door will close on its own after the Open Timer expires and the Header Sensors are clear. If someone walks into the Detection Zone of the Sensors while the Door is closing, it will reopen.



Position	Description
ON/AUTO	When the switch is in the ON/AUTO position, the Door is operational.
OFF	When the switch is in the OFF position, the Door is not operational. The OFF position does not shut off the main power to the Door unit.
HOLD OPEN	• When the switch is in the HOLD OPEN position, the Door will remain open. • Doors should be held Open in this manner. Do Not prop open the doors with any object.

Section 5.2 Breakout

CAUTION During breakout, keep fingers clear of pinch points between the Door Panels.

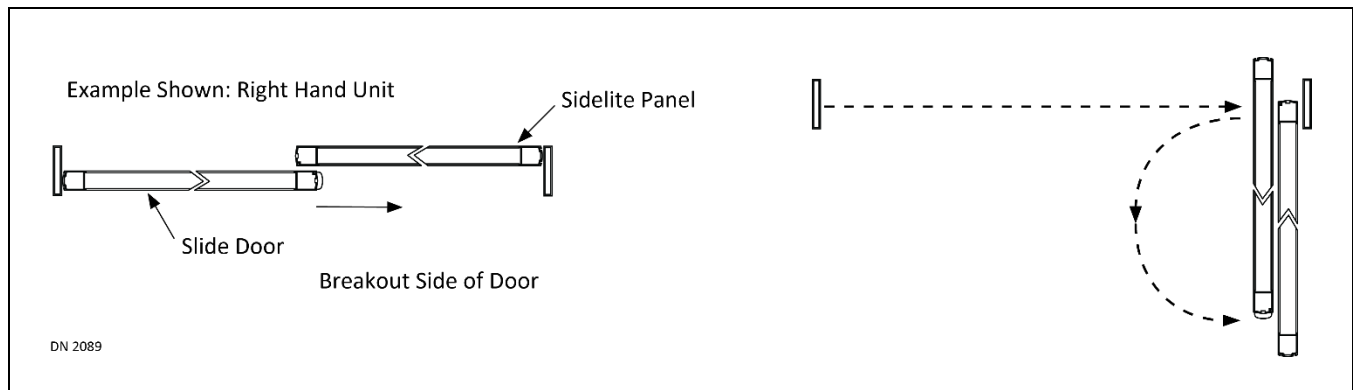
Notice: Damage can be caused if the Door Panels are not fully open before breakout.

1. Place the Rocker/Key Switch in the **"HOLD OPEN"** position.
2. Push the Slide Door all the way towards the Pivot Jamb.
3. While continuing to apply pressure towards the Pivot Jamb, force the Door Panels to swing open.

Note: The panels should swing easily after the initial force.

4. To reset the Doors, swing them back towards the Header and snap them back into place.
5. Place the Rocker/Key Switch in the **"ON/AUTO"** position.

Note: If the Header Sensors are clear, the Door should close after the Open Timer expires.



CHAPTER 6: DAILY SAFETY CHECKS

WARNING Should the door fail to operate per any of the following Daily Safety Checks, **DO NOT** attempt to repair or adjust the door. Call an AAADM Certified Technician for repairs.

To keep the Door operating safely, perform the items listed on the Safety Information Label attached to the unit and the additional checks listed below.

Header Sensors - For added safety, the 2400 Automatic ICU Slide Door utilizes Header Sensors to keep the door from closing on someone or something.

- Check both sides of the door to ensure the panels do not close if something is in either of the Detection Zones.
- Open the door and stand in the middle of the Door path. Be sure it does not close on you.

CAUTION If you stand motionless in the Detection Zones of the Header Sensors for more than their learn time, the Panels will start closing and one may get hit. Learn times can range from approximately 30 seconds to a minute.

Break Out - When the Door Panels are broken out, check that the Door does not try to automatically slide close.

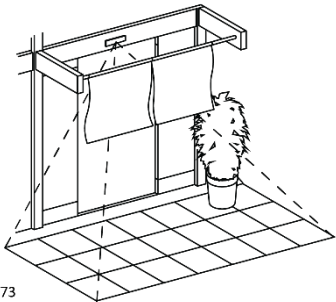
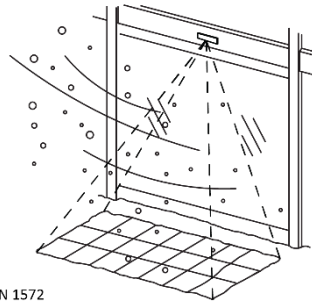
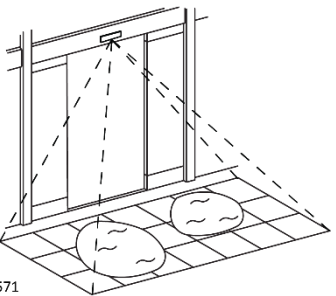
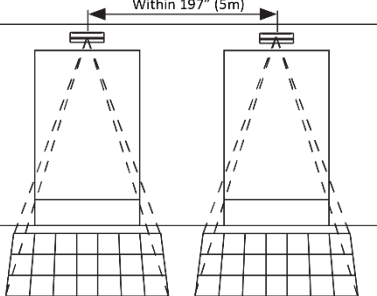
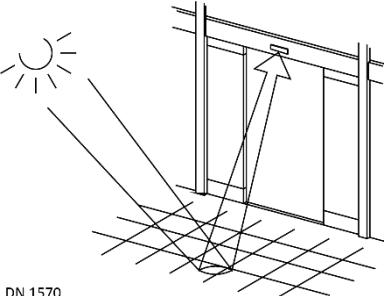
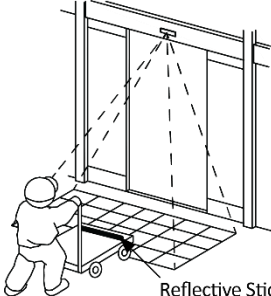
Forces - Call for service if any of the following are changing with time.

- Force to open door when the Rocker/Key Switch is in the **"OFF"** position.
- Force to breakout and/or reset the Door Panels.

CHAPTER 7: HEADER SENSOR TROUBLESHOOTING

If the door will not close and the Header Sensors are suspected, check the following suggestions to see if they might be the cause. If not, contact an AAADM Certified Technician for service.

Note: Some of these conditions may be improved by making a Sensor adjustment. Do not attempt to yourself. Contact your AAADM Certified Technician.

 DN 1573 An object placed within the Detection Zone that is moving. (Likely due to wind).	 DN 1572 Sensor is exposed to Heavy Rain or Snow, Insects, Smoke, Heat Sources
 DN 1571 Pool of water within the Detection Zone.	 DN 1569 Multiple Sensors located too close together or facing each other.
 DN 1570 • Strong, direct Sunlight or Artificial Light • Sunlight or Artificial Light reflecting off Floor. Such as Marble, Aluminum, etc. • Lighting Fixtures placed too close to Sensor.	 DN 1568 Reflective Sticker The bed of a trolley or cart: • Is too low to the floor. • Surface is not reflective enough to be detected. Reflective tape can help)

CHAPTER 8: SAFETY LABELS

The following Labels are required per ANSI/BHMA A156.38 for Low Energy Sliding Doors. Do not remove them.

Purpose	
Warn users not to stand in front of the Swing Panel where one could get hit by the Sliding Door Panels.	
Warn users about the Automatic Door and instructs them to Activate a Switch to Operate it.	
Identify the required Daily Safety Checks Per AAADM.	

Thank you for choosing Nabco Entrances, Inc. for your Automatic Door needs. We're dedicated to giving you the best products in the industry. If you have any questions, feel free to contact us at <https://www.nabcoentrances.com/contact>.