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# NAX Hermetic Slide Door

## OWNER'S MANUAL

A Founding Member of: AAADM

(American Association of Automatic Door Manufacturers)

### WARNING

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

### *Table of Contents*

**CHAPTER 1: SAFETY . . . . . 2**

**CHAPTER 2: GENERAL SAFETY RECOMMENDATIONS . . . . . 2**

**CHAPTER 3: SCOPE . . . . . 2**

SECTION 3.1: To the Customer . . . . . 2

SECTION 3.2: Objective . . . . . 2

**CHAPTER 4: GETTING STARTED . . . . . 3**

SECTION 4.1: Service Availability . . . . . 3

SECTION 4.2: Limited Warranty . . . . . 3

SECTION 4.3: Information Provided by Door Supplier . . . . . 3

**CHAPTER 5: OPERATION . . . . . 3**

**CHAPTER 6: OPTIONAL ACTIVATING DEVICES . . . . . 3**

SECTION 6.1: Touchless Activation Plate . . . . . 3

SECTION 6.2: Sensor . . . . . 3

**CHAPTER 7: DAILY SAFETY CHECK . . . . . 4**

**CHAPTER 8: PERIODIC SAFETY CHECK . . . . . 4**

## CHAPTER 1: SAFETY

Please refer to this page in the event that a warning label is displayed within this manual and further definition needs to be explained.

**WARNING**

Indicates a hazardous situation which has some probability of *severe injury*. It should not be considered for property damage unless personal injury risk is present.

**CAUTION**

Indicates a hazardous situation which may result in a *minor injury*. Caution should not be used when there is a possibility of serious injury. Caution should not be considered for property damage accidents unless a personal injury risk is present.

**Notice:** Indicates a statement of company policy as the message relates to the personal safety or protection of property. Notice should not be used when there is a hazardous situation or personal risk.

**Attention:** A situation where material could be damaged or the function impaired.

*Note:* Indicates important information that provides further instruction.

## CHAPTER 2: GENERAL SAFETY RECOMMENDATIONS

**WARNING**

An improperly adjusted door can cause injury and/or equipment damage.

**WARNING**

Safety devices must be installed correctly and operational.

**WARNING**

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

**Notice:** This manual must be given to and retained by the purchasing facility or end user.

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

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

## CHAPTER 3: SCOPE

### SECTION 3.1: To the Customer

The purpose of this manual is to familiarize the Owner with proper operation of the door. It is essential that the Owner recognizes the importance of maintaining a door system in compliance with industry standards for safety.

It is the responsibility of the Owner/Caretaker to inspect operation of the door on a daily basis. Daily inspection must be done to ensure safe door operation for use by pedestrians, including (but not limited to) invitees, customers, or employees.

### SECTION 3.2: Objective

This manual provides maintenance instruction, and a daily safety checklist, plus a semi-annual maintenance checklist.

## CHAPTER 4: GETTING STARTED

### SECTION 4.1: Service Availability

Door products are distributed through a nationwide network of authorized suppliers for sales, installation, and service. Immediately contact the Door Manufacturer or the Authorized Door Manufacturer Representative, if service must be performed on an automatic door system.

## SECTION 4.2: Limited Warranty

NABCO Entrances Inc., for its Gyro-Tech product line, provides to its customer a limited warranty, on products The warranty is:

NABCO ENTRANCES INC. will exchange or repair, F.O.B. the plant, any component found defective in workmanship and/or material, subject to NABCO's inspection, for a period of one (1) year after installation or 18 months after manufacture, whichever comes first. Warranty does not include field service labor. The installing contractor/customer will be responsible for installation and field service. This is NABCO ENTRANCES Inc.'s sole warranty.

This warranty does not cover loss or damages resulting from causes beyond the manufacturer's control, misuse, neglect, accidents, windstorms, or other acts of God, or acts of terrorism. Warranty is for normal use and service. The warranty does not apply to equipment that has been repaired or altered so as to adversely affect conditions of operation. Warranty will not obligate NABCO for damages resulting from such alterations, misuse, or acts of God, or acts of terrorism.

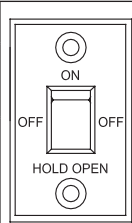
## SECTION 4.3: Information Provided by Door Supplier

*Note: To obtain an AAADM Daily Safety Check video, please go to <http://www.aaadm.com/doorowners.asp>*

The Door Supplier must provide the Owner/Caretaker:

- ▶ Instruction on how to conduct the Daily Safety Check.
- ▶ Contact number to call for Service.
- ▶ Contact number to call for inquiries about the door system, and/or to report concerns.
- ▶ Warranty information for each door.

## CHAPTER 5: OPERATION

ON	When the switch is in ON position, the window is operational.	
OFF	When the switch is in the OFF position, the window is not operational. The OFF position does not shut off the main power to the window unit.	
HOLD OPEN	When the switch is in HOLD OPEN position, doors are held open as long as the switch remains in this position. The doors should be held open in this manner. Do not prop open the doors with any object.	

## CHAPTER 6: OPTIONAL ACTIVATING DEVICES

### SECTION 6.1: Touchless Activation Plate

- ▶ Touchless Activation Plate shall have a detection range no greater than (12) inches to ensure the door can be activated.
- ▶ Door shall hold open (in the fully open position) for a minimum of (5) seconds before closing.

### SECTION 6.2: Sensor

Sensors are typically installed with (1) Sensor on each side of the Header. In the event a Slide door is still in the process of closing, and a pedestrian is detected within a minimum of (24) inches from the door, the Inactive Sensor will still provide safety by fully re-opening the door.

### SECTION 6.3: Holding Beams

Holding Beams should be (21 inches) from the bottom of each Channel and facing each other. A second set of Holding Beams have should be (54 inches) from the bottom of each Channel and facing each other.

## CHAPTER 7: DAILY SAFETY CHECK

The best time to perform a Daily Safety Check is early in the morning before pedestrian traffic gets heavy. The purpose of a Daily Safety Check is to maintain proper Slide Door operation and/or detect any abnormal or unusual activity.

**CAUTION**

In the event the NAX Slide Door is not used for at least (1) month, turn OFF the Power.

**CAUTION**

Any components showing signs of wear must be replaced as a preventive measure.

**Attention:** In the event any type of object needs to be removed from the Sensor Detection Zone (vicinity), the Sensor must “relearn” the zone before resuming normal operation.

1. Ensure the Rocker switch is set to “ON”.
2. Ensure the Power Breaker is switched ON.
  - a. Do not switch Power Breaker ON and OFF too quickly.
3. Visually inspect the Slide Door Unit for proper operation.
4. Check for abnormal sound during door operation.
5. Remove tripping or slipping hazards.
6. Remove anything that does not belong in the path of the Slide door.
7. Ensure the Header Cover, and all other hardware is properly secured.
8. Check for damaged/deteriorated, or missing Rubber Bumpers and Vinyl Seals.
9. Check glass window for cracks or damage.
10. Check the motion of the Slide door:
  - a. Slide door should slide freely.
11. If Holding Beams are installed:
  1. Open the window.
  2. Block the Beam with your Hand.
    - a. The Window should not be able to close.

## CHAPTER 8: PERIODIC SAFETY CHECK

1. Replace Jamb Tubes if damaged or deteriorated.
2. Clean or replace Header Cover if it can not be removed or reattached to the Header, with a soft cloth soaked in neutral detergent. If dirt is difficult to remove, or if grease exists, use alcohol, or benzene, etc. Wipe with a dry cloth.
3. Remove dirt or foreign matter from the Rail Track.
4. Clean Slide Door with a soft cloth soaked in neutral detergent. If dirt is difficult to remove, or if grease exists, use alcohol, or benzene, etc. Wipe with a dry cloth.
5. Clean weathering or rubber bumpers by removing dirt with an eraser, etc. Follow up up with alcohol, or benzene, etc. Wipe with a dry cloth.
6. Replace the Timing Belt if it is worn out. Adjust the Timing Belt if it is too tight or loose.
7. If any Header Component is loose, tighten the bolts or replace if damaged.
8. Clean or replace the Spring Mechanism if the spring expansion/contraction is not smooth or emits abnormal sound.
9. Replace the Spring Mechanism Receiver if peeling exists on the seat, or no longer suitable.
10. Replace the Door Stopper if it is damaged, or deteriorated, or if the rubber has come off the stopper.
11. Replace the Idler Pulley if it does not rotate smoothly or emits abnormal sound.
12. Clean the Sensor with a dry, clean cloth if dirt or damage exists.
13. Check to ensure Bottom Guide Rollers rotate smoothly. Replace any parts that are damaged, or deteriorated.
14. When cleaning the floor ensure that no hydrochloric acid or any other chemical used for cleaning the flooring material becomes attached to the door or sash.