

# NABCO Automatic Door for hygiene control



# NABCO provides optimum automatic door systems suitable for various locations where hygiene control is required.

Due to the internationalization and increase of infections, healthcare facilities, factories and many buildings which are constantly subject to the risk of intramural infection, also need to adopt effective hygiene control systems.

To meet such needs, NABCO provides optimum hygiene control to various sites such as operation room, ICU in hospitals, internal entrance room in factories.

## Features

- NABCO Automatic Door

- contributes to reduce the risk of contact infection via door knob or handle.
- NATRUS touchless sensing system does not need to touch a push button on a door leaf where a door is located in the cross traffic.

- NABCO Hermetic Door

- provides high air tightness
- Dust and dirt are not easily accumulated thanks to flat floor design

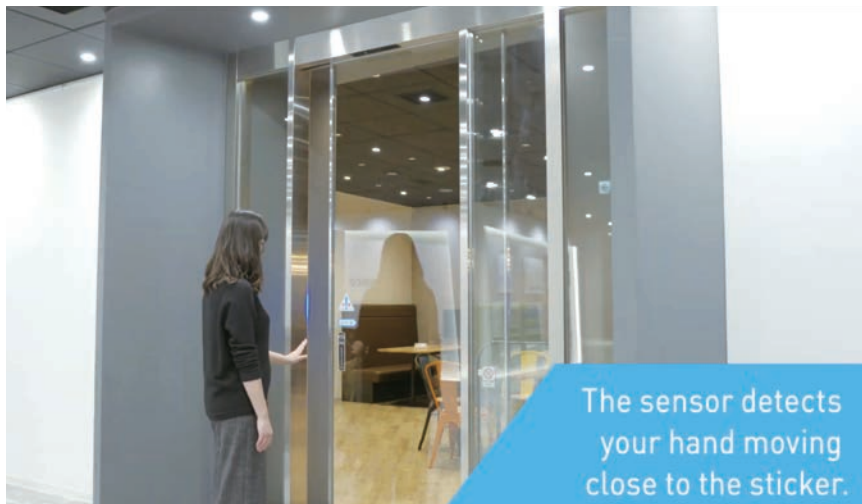
- NABCO Hygiene control system

- is connectable with hygiene devices.  
⇒Please refer to back of this leaflet.

## Touchless

“NATRUS touchless sensing system” is unnecessary to touch the push button.

It contributes to energy efficiency, reducing unnecessary door opening caused by cross traffic.



# NABCO Hermetic Door NAX

## Features

NABCO's hermetic door provides high air tightness, aesthetic and safety.

### ● Air Tightness :

High class of air tightness 【JAPAN】 JIS A 4702 : Class A-4

\*Equivalent of 【EU】 UNE-EN 12207 : Class 4

### ● Aesthetic :

- Small header size in the industry
- Wide range of door leaves and handle

### ● Safety :

- Possible to be fully opened without any clearance left
- Easy to open manually in case of a power failure



## ● Specification

Use applications		Air tightness + Sound insulation		Air tightness + Sound insulation + X-ray shield	
Door leaf		Aluminum / Stainless steel / Glass		Aluminum	Stainless steel
Door type		Single	Bi parting	Single	Single
Clear opening (mm)	Width (W)	700 - 2000	1200 - 2800	700 - 1600	700 - 1100
	Height (H)	1900 - 2500	1900 - 2500	1900 - 2500	1900 - 2500
Max weight		150kg			
Opening speed		up to 0.7m/s			
Hold open time		adjustable			
Ambient temperature		-10°C to 50°C			
Power supply		230VAC +6/-10% 50/60Hz Note: with transformer specified by NABCO			
Power consumption		45Wh			
Relative humidity		20% to 85% RH			
Air permeability		A-4 (JIS A 4702)			
Sound insulation		T-1 (JIS A 4702)*1		T-1 (JIS A 4702)	
X-ray shield		—		○ (Lead plate 2mm)	
Electric lock				○	

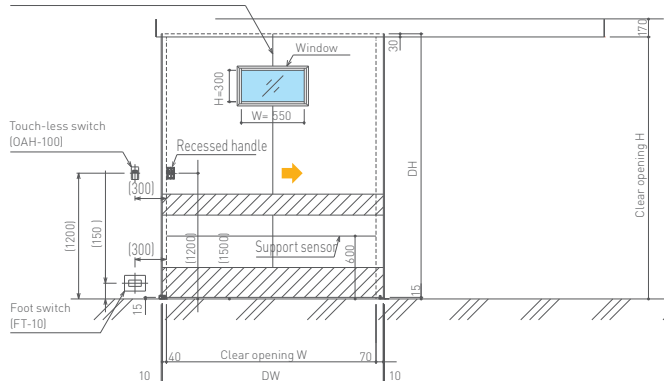
\*1 The type of glass door leaf has T-2 class of sound insulation.  
If T-2 class is required for aluminum/stainless door leaf, please contact our sales distributor.

## Dimension

### Elevation

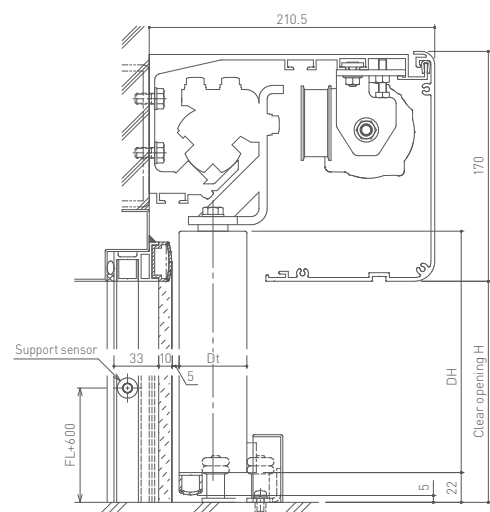
【Stainless steel】 There is a joint line when the door width is over 1100.

【Aluminum】 There is a joint line when the door width is over 1400.



Unit: mm

### Section



\*The section shows when the door is fully opened

\*Handle, window, waist plate, kick plate and lock are optional

# Hygiene Control System

Germs must not be brought into the places where hygiene control is required.

**NABCO developed a system that allows the automatic doors to open only after workers complete 3 actions: washing their hands, drying their hands with a hand dryer, and then disinfecting their hands with alcohol.**

Each worker must complete these 3 actions whenever he/she returns to the work place from the toilet or other areas.



## ● 3 Actions to Open the Door



Washing hands



Drying their hands with a hand dryer



Disinfecting hands with alcohol



Automatic door to open

## Hygiene Control System is the best use for the following places



### Hospitals

- Before and after performing medical examinations, attending patients, providing nursing care, and all other medical-related tasks.
- At nurses' stations, wards, newborn nurseries, toilets, operating rooms, consulting rooms, linen closets, ICUs, etc.



### Care centers

- Before and after providing nursing care and all other medical-related tasks.
- In kitchens, medical offices, matron's offices, toilets, dirty utility rooms, living rooms, dining rooms, bathrooms, etc.



### Food processing plants

- Before entering food processing rooms.
- At toilets, dirty utility rooms, etc.

## Nabtesco Corporation

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For further details, please contact:

All specifications herein are subject to change without notice

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