

# Acuzone

Combination  
Slide Door Sensor

Where PERFORMANCE meets SAFETY



## Product Features and Benefits

- Unique “Blue Zone” technology for **crossover threshold safety**
- Activation and safety in one housing for **an aesthetically pleasing door package**
- Ignores traffic moving away from the entrance, allowing the door to close sooner, which **reduces energy costs**
- Innovative I.N.C. (Intelligent Noise Cancelling) **reduces false activations from vibrations, weather and ambient light**
- Inner cover protects sensitive PC boards and optical systems, and dramatically **increases the longevity of the sensor**

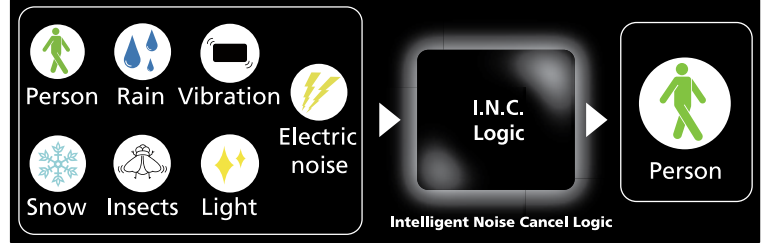
# Acuzone Combination Slide Door Sensor



The NABCO Acuzone Sensor is an infrared and microwave combination sensor designed for sliding doors. Its "Blue Zone" feature offers presence detection through the threshold when the door is in the "open" position. Having the ability to detect in the threshold dramatically increases the level of safety that can be achieved. This sensor is perfect for slide door applications where the balance between safety and performance is paramount. Keep them safe with the Acuzone from NABCO.



The Acuzone sensor is designed with an inner cover that completely protects all sensitive PC boards and optical systems. This reduces the chance of damage during installation and dramatically increases the longevity of the sensor.



The Acuzone sensor remains stable in all environments thanks to our innovative I.N.C. logic (Intelligent Noise Cancelling). This feature allows the Acuzone to reliably detect people near the door while ignoring interference from rain, snow, vibration, insects and ambient light sources.

The Acuzone can be adjusted to ignore traffic moving away from the sensor and reset more quickly. This will allow the door to close more quickly which reduces airflow between environmentally controlled areas and the outdoors. This feature will save your customer money over the life of the sensor. Reduce power consumption and protect the environment with the Acuzone from NABCO.

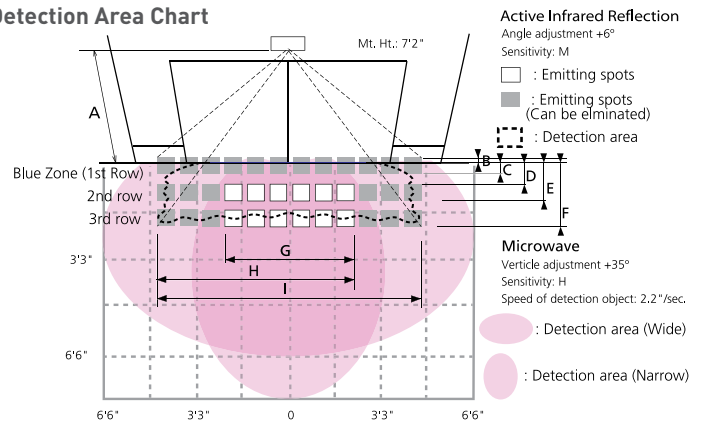
## PRODUCT INFORMATION

Cover color	Black
Mounting height	6'6" to 11'6"

## TECHNICAL INFORMATION

Detection method	Active infrared reflection Microwave doppler effect
Detection angle adjustments	Active infrared area -6° / +6° Microwave area +25° / +45°
Power supply	12-24V AC±10% [50/60Hz] 12-30V DC±10%
Power consumption	<2.5 W / 4VA at AC
Activation output	Form C Relay 50V 0.3A max. (resistance load)
Safety output	Form C Relay 50V 0.3A max. (resistance load)
Output hold time	<0.5s
Response time	<0.3s
Operating humidity	<80%
Operating temperature	-31°F through +131°F
IP rate	IP54
Weight	11.2 oz. (320g)
Accessories	1 operation manual 9' 10" connection cable 2 mounting screws 1 mounting template; 1 area adjustment tool Narrow lens

## Detection Area Chart



## Air Emitting Area

MOUNTING HEIGHT A	6'6"	7'2"	8'2"	8'10"	9'10"	11'6"
Area Depth B	2"	2"	3"	3"	3"	4"
Area Depth C	3"	3"	4"	4"	4"	5"
Area Depth D	9"	10"	11"	1' 0"	1' 1"	1' 4"
Area Depth E	1' 2"	1' 3"	1' 5"	1' 7"	1' 9"	2' 0"
Area Depth F	1' 11"	2' 2"	2' 5"	2' 8"	2' 11"	3' 5"
Area Width G	4' 0"	4' 4"	4' 11"	5' 4"	5' 11"	6' 11"
Area Width H	6' 1"	6' 9"	7' 7"	8' 3"	9' 2"	10' 8"
Area Width I	8' 3"	9' 1"	10' 4"	11' 2"	12' 5"	14' 6"

The actual detection may differ according to the size/material/entry speed of the object and the installation environment. This chart shows the values at a depth angle of +6°.

## NABCO Service and Specifications

Along with the NABCO factory branches, NABCO has the largest independently owned network of automatic door distributors 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 provide AAADM-certified technicians to ensure your doors meet all ANSI A156.10 standards.

Complete three-part specifications and CAD drawings are available on the NABCO website.



Member of the Nabtesco Group

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