

# IAC AudioMetric Booth 252 Mini Sound Shelter



## Description

The 252 Series Mini Sound Shelter design is engineered to allow flexibility in any environment. The 252 Series can be quickly transformed to achieve a right or left hand configuration, without any disassembly of components, by any staff member without any tools.

### Ideally Suited for:

- Industrial — Monitoring Audiometry
- Public School — Identification Audiometry
- Speech Audiometry (through earphones)
- Psychological Data Recording
- Hearing Health Professionals
- Mobile Test Vans

### Equipped with:

- Noise-Lock® magnetic-seal doors for safety
- Tranquil-Aire® silent forced ventilation system
- Outside mounted shelf (16" x 32")
- Casters for ready positioning or repositioning of booth

## Technical Characteristics

### Assembly:

Ships fully equipped and assembled; passes through any normal 30" (762 mm) wide door

### Inside Dimensions:

24" wide x 34" deep x 66" high  
(610 mm x 864 mm x 1676 mm)

### Outside Dimensions:

29" wide x 39" deep x 75½" high  
(737 mm x 991 mm x 1905 mm)

### Floor Area:

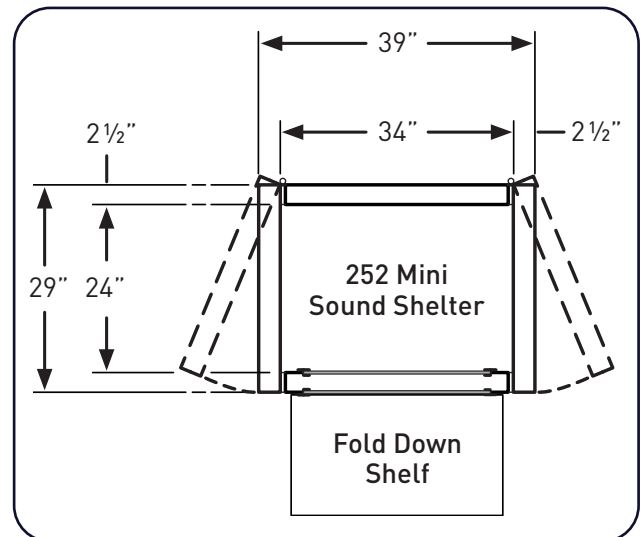
Less than 8 sq. ft. (0.74 sq. m)

### Net Weight:

650 lbs. (295 kg)

### Shipping Weight:

710 lbs. (322 kg)



## Noise Reduction (dB)

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	STC
18	32	38	44	51	52	50	39

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## Panel Construction:

2½" thick Noishield® panels

## Largest Panel Size:

2'10" wide x 5'6" long x 2½" thick

Customer to ensure adequate site access

## Interior Surfaces:

22 ga. perforated steel

## Exterior Surfaces:

14 ga. solid steel

## Floor Interior Surface:

11 ga. steel

## Finish:

Textured powder coated

## Door:

(2) 2' wide x 5'6" high (clear opening) doors supported on

(2) architectural heavy duty butt hinges integrally mounted within the door leaf and panel frame

## Notes:

- Self-aligning magnetic compression seals are mounted on the top and sides of the door leaf
- A self-adjusting drag seal is supplied for the bottom of the door

## Window:

(1) 2' wide x 2'6" high aluminum frame with double glazed ¼" thick laminated safety glass

## Shelf:

(1) 1'4" wide x 2'8" deep externally mounted shelf for audiometer

## Electrical:

- Switch mounted on lighting fixture inside the room operates the fan and light
- (1) 10' long drop cord provided for connection to power

## Note:

- Booth is factory UL certified and labeled

## Audiometric Jack Panel:

Completely pre-wired, flush-mounted jack panel consisting of (6) switchcraft 3-wire phone type jacks

## Booth Options:

### Ventilation:

Ceiling panel contains an all-in-one forced ventilation system and intake and exhaust silencers

### Color:

"Khaki" standard or choice of (9) standard colors

### Floor Covering:

Industrial nylon carpet, to match paint color selection with ¾" thick underlayment and 2½" H black cove base molding included

## Optional Equipment:

- Vibration isolators are available where structure-borne noise is a problem
- Intercom systems

## Site Requirements:

- Customer to provide a finished floor which is within +/- ¼" of level in 10 non-cumulative feet
- 4" minimum clearance is required between the exterior of testing booth and host facility walls /ceiling

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