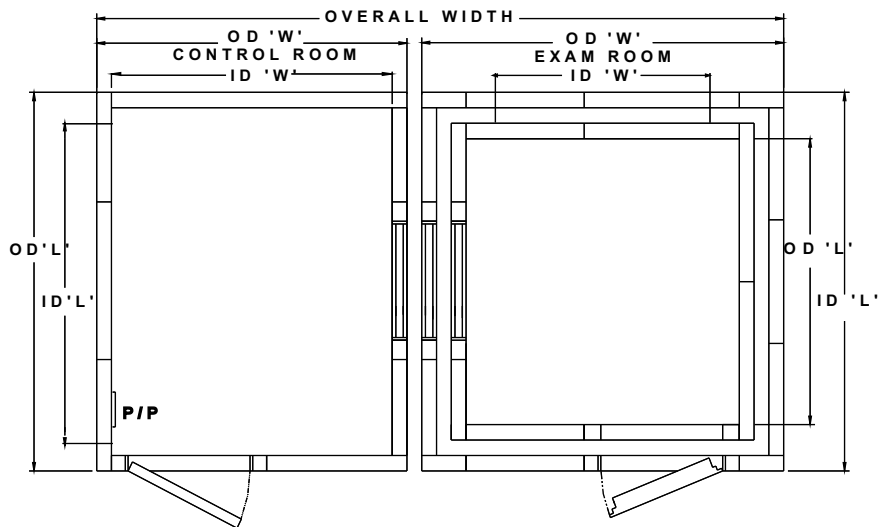




**AUDIOMETRIC BOOTHS**

The 160act Series **Double-Wall Exam Room** with an independent **Single-Wall Control Room** is constructed of 4 inch thick modular panels, complete with carpeted vibration isolated floor, space-saver roof mounted ventilation, recessed electrical, **Noise-Lock®** doors and double glazed windows, audiometric jack panels acoustically matched and shipped ready for field assembly.



**160act Series**

**Typical Plan**

Model No.	Control Room			Exam Room			Overall			Weight lbs
	Inside Dimension LxWxH Ft - In x Ft - In x Ft - In			Inside Dimension LxWxH Ft - In x Ft - In x Ft - In			Outside Dimension LxWxH Ft - In x Ft - In x Ft - In			
160act-1	6-4	x 7-6	x 7-9	6-2	x 6-2	x 6-6	8-8	x 15-6	x 8-1	12560
160act-2	6-4	x 8-4	x 7-9	7-0	x 7-0	x 6-6	9-0	x 16-4	x 8-1	13545
160act-3	7-0	x 9-10	x 7-9	8-6	x 8-6	x 6-6	10-6	x 18-6	x 8-1	16324
160act-4	8-8	x 11-2	x 7-9	9-4	x 9-10	x 6-6	11-10	x 21-0	x 8-1	20711

**INDUSTRIAL ACOUSTICS COMPANY, INC.**

*IAC...is Making the World a Quieter Place!*

**160act Series Audiometric Booths**

**160act GENERAL NOTES:**

1. **TOTAL ESTIMATED DESIGN WEIGHT:** ( ) LBS.
2. **PANEL CONSTRUCTION:** NOISELOCK V (INNER WALLS), NOISELOCK IV (OUTER WALLS AND EXAM OUTER CEILING) AND NOISELOCK VI (CONTROL OUTER AND EXAM INNER CEILINGS)  
**INTERIOR SURFACES:** 22GA. GALVANIZED STUCCO EMBOSSED PERFORATED STEEL  
**EXTERIOR SURFACES:** 14GA. COLD ROLLED STUCCO EMBOSSED SOLID STEEL  
**FLOOR INTERIOR SURFACE:** 11GA. HOT ROLLED STEEL
3. **FINISH:** BAKED ACRYLIC ENAMEL PAINT  
**COLOR:** CHOICE OF (10) STANDARDS
4. **FLOOR COVERING:** INDUSTRIAL NYLON CARPET  
**COLOR:** (TO MATCH PAINT COLOR SELECTION)  
3/8" THICK UNDERLAYMENT AND 2 1/2" H BLACK COVE BASE MOLDING INCLUDED.
5. **DOOR:** (3) 2' X 9" WIDE X 6' - 1 1/2" HIGH CLEAR OPENING CAM-LIFT SPLIT-FRAME WITH PUSH PLATE AND PULL HANDLES. NOTE: DIMENSIONS LOCATING DOOR ARE SHOWN TO THE CLEAR OPENING
6. **WINDOW:** (3) 2'6" WIDE X 2'10" HIGH ALUMINUM FRAME DOUBLE GLAZED WITH 1/4" THICK LAMINATED SAFETY GLASS (WIDTH REDUCED ON SMALLER MODELS).
7. VIBRATION ISOLATOR RAILS TO BE PROVIDED BELOW FLOOR PANELS.
8. 2" MINIMUM CLEARANCE IS REQUIRED BETWEEN THE EXTERIOR OF TESTING SUITE AND HOST FACILITY WALLS/CEILING.
9. DUST SEAL TO BE PROVIDED WITHIN AIR SPACE AROUND DOORS AND WINDOWS. SILL ANGLE TO BE PROVIDED BETWEEN DOORS.
10. **LARGEST PANEL SIZE:** ( ) WIDE X ( ) LONG X ( ) THICK. CUSTOMER TO ENSURE ADEQUATE SITE ACCESS.
11. **VENTILATION:** ( ) CFM SYSTEM (EXAM) AND ( ) CFM SYSTEM (CONTROL) COMPRISED OF INTEGRATED SPASAVER EXHAUST/INLET AIR CEILING SILENCER PANELS AND 120V, 60HZ, 14W FANS.
12. **ELECTRICAL:**
  - ( ) 120V RECESSED INCANDESCENT LIGHT FIXTURE
  - (4) 120V TOGGLE SWITCH FOR FANS AND LIGHTS
  - ( ) 120V DUPLEX RECEPTACLE
  - (2) 120V QUAD RECEPTACLE WITH POWER CORD (ROOF MOUNTED)
  - ( ) 120V J-BOX WITH POWER CORD (ROOF MOUNTED)
  - (1) JP-81 AUDIOMETRIC JACK PANEL COMPRISED OF:
  - (10) SWITHCRAFT #12B JACKS (INSIDE AND OUTSIDE)
  - (1) CINCH-JONES #S303-RP (INSIDE)/(1) CINCH JONES #P-303-RP (OUTSIDE)
  - (1) CINCH-JONES #S304-RP (INSIDE)/(1) CINCH JONES #P-304-RP (OUTSIDE)
  - (2) 1" I.D. GROMMETED OPENINGS (INSIDE AND OUTSIDE)
  - (LOT) BOXES, CONNECTORS, ETC. AS REQUIRED FOR COMPLETE INSTALLATION

**NOTE:**

- A. CUSTOMER TO PROVIDE 110V, 60 HZ, 20 AMP POWER TO ROOF MOUNTED QUAD RECEPTACLE POWER CORD.
  - B. ALL ELECTRICAL IS WIRED PER 2002 NATIONAL ELECTRIC CODE
  - C. BOOTH IS FACTORY UL CERTIFIED AND LABELED
13. CUSTOMER TO PROVIDE A FINISHED FLOOR WHICH IS WITHIN +/- 1/4" OF LEVEL IN 10 NON-CUMULATIVE FEET.



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