



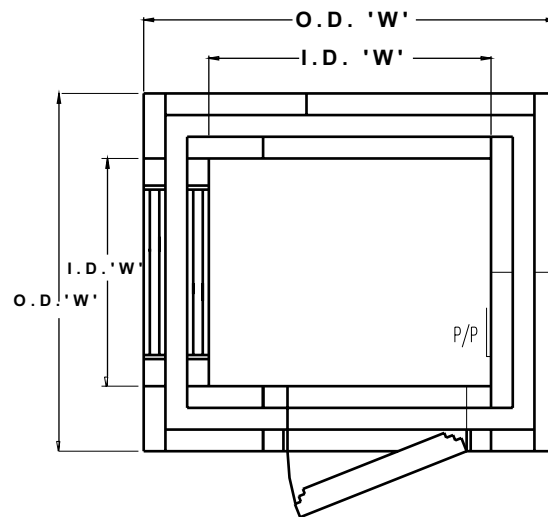
# AccuTone 2

## AUDIOMETRIC BOOTHS

The 120a Series **Double-Wall** (room-within-a-room) construction is two housings constructed of 4 inch thick modular panels, separated by a 4 inch air space, 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.



**120a Series**



**Typical Plan**

Model No.	Inside Dimension LxWxH						Outside Dimension LxWxH						Weight lbs										
	Ft	x	In	x	Ft	x	In	Ft	x	In	x	Ft		x	In								
120a-1	3	-	6	x	4	-	4	x	6	-	6	5	-	6	x	6	-	4	x	8	-	1	2921
120a-2	6	-	2	x	6	-	2	x	6	-	6	8	-	2	x	8	-	2	x	8	-	1	5338
120a-3	7	-	0	x	7	-	0	x	6	-	6	9	-	0	x	9	-	0	x	8	-	1	6795
120a-4	8	-	6	x	8	-	6	x	6	-	6	10	-	6	x	10	-	6	x	8	-	1	8394
120a-5	9	-	4	x	9	-	10	x	6	-	6	11	-	4	x	11	-	10	x	8	-	1	10135

**INDUSTRIAL ACOUSTICS COMPANY, INC.**

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**120a Series Audiometric Booths**

**120a GENERAL NOTES:**

1. **TOTAL ESTIMATED DESIGN WEIGHT:** ( ) LBS.
2. **PANEL CONSTRUCTION:** NOISELOCK V (INNER WALLS), NOISELOCK IV (OUTER WALLS & OUTER CEILING) AND NOISELOCK VI (INNER CEILING)  
**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:** (1) 2' X 9" WIDE X 6' - 11 1/2" HIGH CLEAR OPENING CAM-LIFT SPLIT-FRAME WITH PUSH PLATE AND PULL HANDLES.  
**NOTE:** A. DIMENSIONS LOCATING DOOR ARE SHOWN TO THE CLEAR OPENING.  
B. SINGLE OUTSWINGING STC 64 DOOR STANDARD. ALTERNATE FOR LARGER BOOTHS IS COMBINATION OF ONE OUTSWINGING AND ONE INSWINGING STC 51 DOORS.
6. **WINDOW:** (2) 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 BOOTH 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 COMPRISED OF INTEGRATED SPASAVER EXHAUST/INLET AIR CEILING SILENCER PANELS AND 120V, 60HZ, 14W FANS.
12. **ELECTRICAL:**
  - ( ) 120V RECESSED INCANDESCENT LIGHT FIXTURE
  - (2) 120V TOGGLE SWITCH FOR FANS AND LIGHTS
  - ( ) 120V DUPLEX RECEPTACLE
  - (1) 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) SWITCHCRAFT #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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