

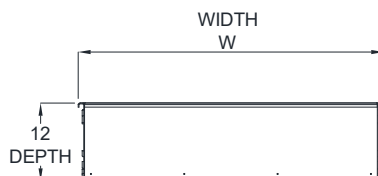


ACL1230D / ACL1235D

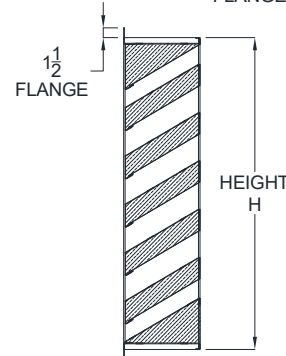
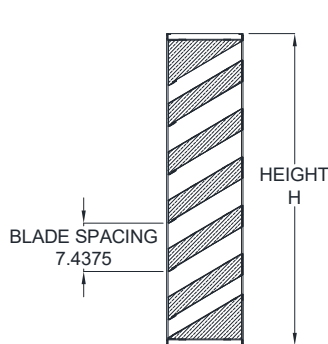
12" DEEP ACOUSTIC LOUVER – FORMED BLADES



MODEL: ACL 1230D
FRAME: CHANNEL FRAME
DUCT MOUNT (DM)



MODEL: ACL 1235D
FRAME: CHANNEL FRAME
FLANGE MOUNT (FM)



PERFORMANCE			
LOUVER UNIT SIZE	TOTAL AREA	FREE AREA	FREE AREA
48" x 48"	16 ft ²	5.75 ft ²	35.9%
(1219 x 1219 mm)	(1.49 m ²)	(0.5 m ²)	
BEGINNING POINT OF WATER PENETRATION AT 0.01 oz./ft ² FREE AREA:			882.7 FPM

STANDARD CONSTRUCTION

DEPTH:	12" (305mm)
MATERIAL:	ALUMINUM
FRAME:	0.125" (3.18 mm) FORMED ALUMINUM
BLADE EXTERIOR:	0.063" (1.60 mm) FORMED ALUMINUM
BLADE INTERIOR:	0.032" (0.81 mm) PERFORATED ALUMINUM, 3/32" Ø HOLES
INSULATION:	MINERAL WOOL
BLADE ANGLE:	30°
BLADE CENTRES:	7.4375" (254 mm)
BIRDSCREEN:	19 GA. GALVANIZED BIRDSCREEN, 1/2" x 1/2" OPENINGS
FINISH:	MILL

SIZE LIMITATIONS: SINGLE SECTION LOUVER

	MINIMUM	MAXIMUM
WIDTH	12" (305 mm)	60" (1524 mm)
HEIGHT	24" (610 mm)	72" (1829 mm)
AREA	2 ft ² (0.19 m ²)	30 ft ² (2.79 m ²)

*LOUVER WILL BE MANUFACTURED 1/4" (6 mm) SMALLER (SINGLE SECTION) AND 1/2" (13 mm) SMALLER (MULTIPLE SECTION) THAN GIVEN OPENING DIMENSIONS UNLESS OTHERWISE SPECIFIED

OPTIONS / ACCESSORIES

FINISH: - POWDER COAT FINISH - DURANAR FINISH - ANODIZED FINISH - CLEAR ANODIZED - LIGHT BRONZE - MEDIUM BRONZE - DARK BRONZE - BLACK ANODIZED	SCREENS: - BIRDSCREEN 1/2" x 1/2" INTERCRIMPED ALUMINUM - ALUMINUM BIRDSCREEN WITH FRAME - INSECT SCREEN - ALUMINUM, 18 x 14 MESH
OTHER: - EXTENDED SILLS - SECURITY BARS - FILTER RACKS - STAINLESS STEEL FASTENERS - HINGED ACCESS DOORS	AVAILABLE MATERIAL CONSTRUCTION - GALVANIZED STEEL - STAINLESS STEEL BLANK-OFF PANELS (ALUMINUM): VARIOUS GAUGES - NON-INSULATED BLANK-OFF PANELS - INSULATED BLANK-OFF PANELS 1" (25 mm) INSULATION 2" (51 mm) INSULATION

SOUND PERFORMANCE

OCTAVE BAND / FREQUENCY	TRANSMISSION LOSS (dB)	FREE FIELD NOISE REDUCTION (dB)
1 / 63	5	11
2 / 125	6	12
3 / 250	6	12
4 / 500	11	17
5 / 1000	17	23
6 / 2000	14	20
7 / 4000	10	16
8 / 8000	9	15

THIS TEST WAS CONDUCTED IN ACCORDANCE WITH ASTM STANDARD E90-04, "STANDARD TEST METHOD FOR LABORATORY MEASUREMENT OF AIRBORNE SOUND TRANSMISSION LOSS OF BUILDING PARTITIONS AND ELEMENTS".

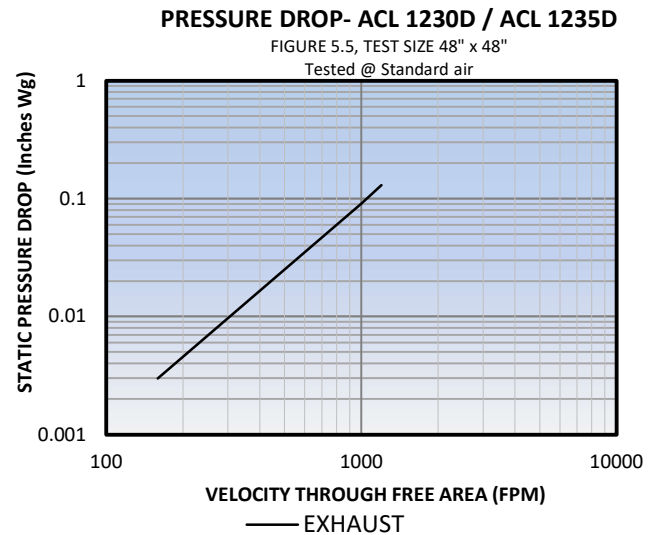
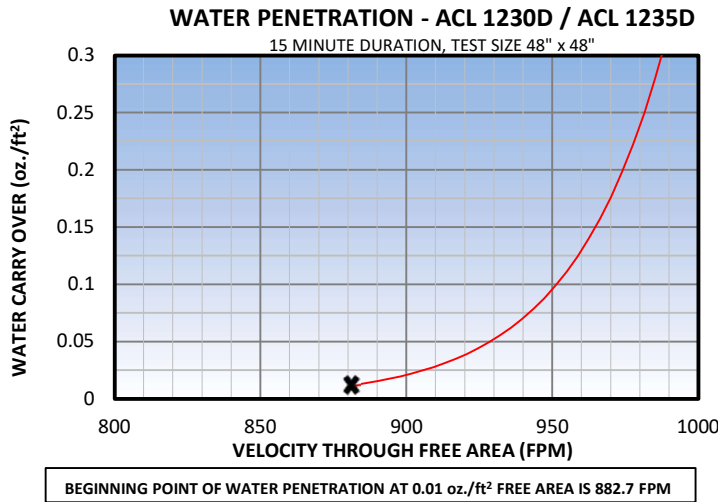


ACL1230D / ACL1235D

12" DEEP ACOUSTIC LOUVER – FORMED BLADES

FREE AREA (Sq. Ft.)

		WIDTH (INCHES)												
HEIGHT (INCHES)		12	16	20	24	28	32	36	40	44	48	52	56	60
	24	0.48	0.66	0.85	1.03	1.21	1.40	1.58	1.76	1.95	2.13	2.31	2.50	2.68
	28	0.72	1.00	1.27	1.55	1.82	2.10	2.37	2.65	2.92	3.20	3.47	3.75	4.02
	32	0.78	1.07	1.37	1.67	1.96	2.26	2.55	2.85	3.15	3.44	3.74	4.03	4.33
	36	0.96	1.33	1.70	2.06	2.43	2.80	3.16	3.53	3.90	4.26	4.63	5.00	5.36
	40	1.05	1.46	1.86	2.26	2.66	3.06	3.46	3.87	4.27	4.67	5.07	5.47	5.87
	44	1.20	1.66	2.12	2.58	3.04	3.49	3.95	4.41	4.87	5.33	5.79	6.24	6.70
	48	1.30	1.79	2.29	2.78	3.28	3.77	4.26	4.76	5.25	5.75	6.24	6.74	7.23
	52	1.44	1.99	2.54	3.09	3.64	4.19	4.74	5.29	5.84	6.39	6.94	7.49	8.04
	56	1.61	2.22	2.83	3.44	4.05	4.66	5.28	5.89	6.50	7.11	7.72	8.33	8.95
	60	1.68	2.33	2.97	3.61	4.25	4.89	5.53	6.18	6.82	7.46	8.10	8.74	9.38
	64	1.88	2.60	3.31	4.03	4.75	5.46	6.18	6.90	7.61	8.33	9.05	9.76	10.48
	68	1.93	2.66	3.39	4.13	4.86	5.59	6.33	7.06	7.79	8.53	9.26	9.99	10.73
72	2.16	2.98	3.80	4.63	5.45	6.27	7.09	7.91	8.74	9.56	10.38	11.20	12.03	



*TEST RESULTS DO NOT INCLUDE THE EFFECTS OF BIRDSCREEN

RECOMMENDED SPECIFICATION

Furnish and install stationary louver models ACL1230D / ACL1235D as manufactured by Ventex Inc., Alliston, Ontario. Louvers shall be 12" (305 mm) deep. Blades shall be 0.063" (1.60 mm) formed aluminum and frame shall be 0.125" (3.18 mm) formed aluminum. Louvers shall have 19 gauge galvanized ½" x ½" bird screen. All materials shall be factory finished after assembly with Polyester Powder Coat in a color selected from the Ventex Color Chart.

CERTIFIED RATINGS

Ventex Inc. certifies that the models ACL1230D / ACL1235D shown here are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The Certified Ratings Seal applies to air performance and water penetration and sound performance ratings.

