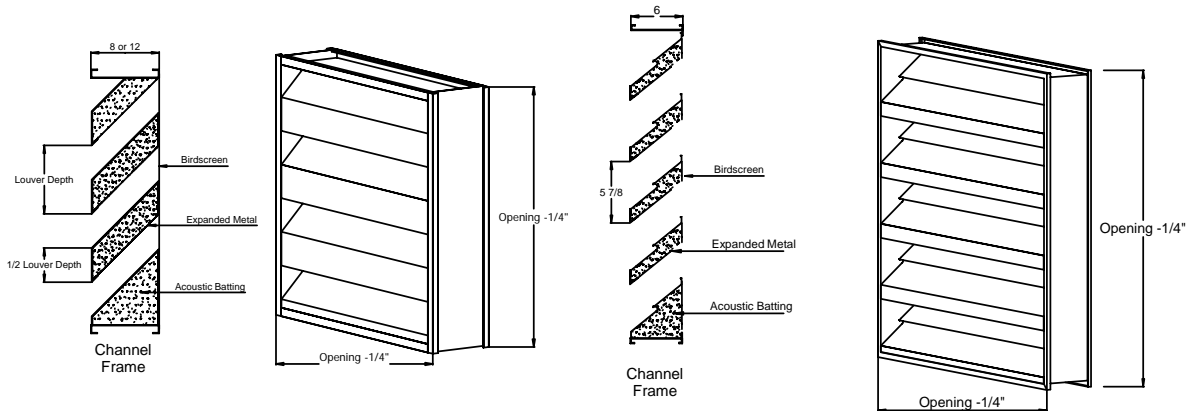




## ACL Acoustic Louvers

Ventex has three acoustic louvers. The ACL800 and ACL1200 are formed acoustic louvers. The standard construction is aluminium. The ACL600 acoustic louver is extruded aluminium six inches deep. These louvers are designed for applications that require noise reduction, as well as, ventilation for equipment or machinery. They are commonly used in pumping stations and portable generators.



### Acoustic Louver Standard Construction

Model	ACL800	ACL1200	ACL600
Depth	8" (203 mm)	12" (305 mm)	6" (152 mm)
Material	.081" Aluminium Sheet Formed	.081" Aluminium Sheet Formed	0.081 6063-T5 Extruded Aluminium
Frame Thickness	1" (25.4 mm)	1" (25.4 mm)	3/4" (19 mm)
Frame Style	Model ACL800 Channel Frame Model ACL805 Flange Frame	Model ACL1200 Channel Frame Model ACL1205 Flange Frame	Model ACL600 Channel Frame Model ACL605 Flange Frame
Blade Thickness	4" (100 mm)	6" (150 mm)	1" (25.4 mm)
Blade Angle	45 Degrees	45 Degrees	39 Degrees
Blade Centres	8" (203 mm)	12" (305 mm)	5 7/8" (149 mm)
Standard Birdscreen	1/2" x 1/2", re-galvanized, 19 gauge	1/2" x 1/2", re-galvanized, 19 gauge	1/2" x 1/2", re-galvanized, 19 gauge
Min. Height	16 inches (406 mm)	24 inches (610 mm)	16 inches (300 mm)
Max. Panel Height	72 inches (1829 mm)	72 inches (1829 mm)	72 inches (1829 mm)
Max. Panel Width	60 inches (1524 mm)	60 inches (1524 mm)	72 inches (1829 mm)
Available Finishes	Mill & Baked Enamel Finish	Mill & Baked Enamel Finish	Mill & Baked Enamel Finish
Free Area (48 x 48 Unit)	4.52 sq. ft. 0.41 sq. m.	4.07 sq. ft. 0.37 sq. m.	4.80 sq. ft. 0.43 sq. m.
Beginning Point of Water Penetration	730 FPM	1027 FPM	703 FPM

### Accessories

- Galvanized steel construction.
- 1/2" x 1/2" or 1/4" x 1/4" inter crimped aluminium bird screen.
- Insect Screen
- Aluminium blank-off panels

Octave Band/Frequency	ACL800 Noise Reduction (dB)	ACL1200 Noise Reduction (dB)	ACL600 Noise Reduction (dB)
2 / 125	8	8	7
3 / 250	12	15	9
4 / 500	15	17	11
5 / 1000	20	23	14
6 / 2000	24	25	22
7 / 4000	24	21	23
8 / 8000	23	20	26

### Recommended Specification

Furnish and Install stationary louvers specify (Model ACL1200/ACL1205 or Model ACL800/ACL805 or ACL600/ACL605) as Manufactured by Ventex Inc, Bolton, Ontario and Kissimmee Florida. Louvers shall be (12 inches deep or 8 inches deep or 6 inches deep. Blades shall be 0.081" and Frame shall be 0.081" formed aluminium or 6063-T5 extruded aluminium ACL600/ACL605 only). Louvers shall have 19 gauge Galvanized. bird screen.