

# LV-1250, LV-1251, and LV-1800 Stationary Louvers

## Description

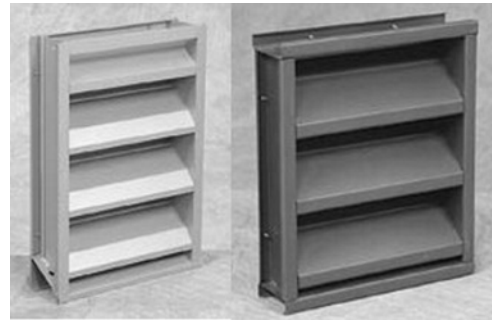
Since 1885, Johnson Controls has developed and refined air control products by providing the highest quality control dampers that fit your application and size requirements. Now we are including louvers in our product offering:

- LV-1250 louvers feature a stationary aluminum drainable blade with a 4 inch (10 cm) deep aluminum frame.
- LV-1251 louvers feature a stationary aluminum drainable blade with a 6 inch (15 cm) deep aluminum frame.
- LV-1800 louvers feature a stationary galvanized steel J-style blade with a 4 inch (10 cm) deep galvanized steel frame.

LV-1250 and LV-1251 stationary louvers are designed to meet heavy duty application and environmental requirements. Drainable heads channel water to the side frames, which channel through vertical downspouts and out the bottom of the louver at the sill. These models are efficient at minimizing water penetration with low resistance to airflow.

LV-1800 stationary louvers are designed to protect air intake and exhaust openings in exterior walls of buildings. Drainable heads channel water to the side frames, which channel through vertical downspouts and out the bottom of the louver at the sill. These models are efficient at minimizing water penetration.

Refer to the *LC-1250, LM-1250, LV-1250, and LV-1800 Louvers Product Bulletin (LIT-12011469)* for important product information.



LV-1250 and LV-1800 Stationary Louvers

## Features

- 3-Year Warranty on Materials and Workmanship
- 15 to 25 Working Day Standard Shipping after Order Entry
- 45% or Greater Free Area
- Hidden Vertical Support Blade
- Extruded 60635 T5 Aluminum Construction

## Repair Information

If the LV-1250, LV-1251, or LV-1800 Louvers fail to operate within their specifications, replace the units. For a replacement louver, contact the nearest Johnson Controls® representative.

## Selection Chart

### Stationary Louver (LV-1250, LV-1251, and LV-1800) Selector<sup>1</sup>

	Code Number	L	F		N	-	w	w	w	x	h	h	h			
Application	L = Louver															
Blade Operation	F = Fixed															
Blade	J = Fixed steel blade (LV-1800) L = Drainable aluminum blade (LV-1250) M = Drainable aluminum blade (LV-1251)															
Frame	D = 4-inch deep (LV-1250, LV-1800) F = 6-inch deep (LV-1251)															
Actuator	N = None															
Width <sup>2</sup>	LV-1250, LV-1251 – 012 to 120 inches, 1 in. increments LV-1800 – 012 to 090 inches, 1 in. increments															
Height <sup>2</sup>	012 to 096 inches, 1 in. increments															
Options (limit two)	See <i>Factory Options</i> for descriptions and combinations.															

1. Not all combinations are available, check the selector tool for valid combinations.
2. Actual louver size is 1/4 inch (0.55 mm) less than nominal.

## Factory Options

Ordering Code	Factory Option
B	Baked enamel
C	Color match
E	Exact size
F	Filter racks
H	Hinged frame
K	Kynar® <sup>1</sup> finish
R	Rear security bars
S	Security bars, front
L	Extended sill

1. KYNAR® is a type of Polyvinylidene Difluoride (PVDF), which is a highly non-reactive and pure thermoplastic fluoropolymer used in applications requiring the highest purity, strength, and resistance to solvents, acids, bases and heat and low smoke generation during a fire event. A fine powder grade PVDF is used as the principal ingredient of high-end paints for metals, which have extremely good gloss and color retention. These paints are on many prominent buildings around the world, as well as on commercial and residential metal roofing.

## LV-1250, LV-1251, and LV-1800 Stationary Louvers (Continued)

### Technical Specifications

#### Single-Panel Size Limits (All Models)

LV-1250 and LV-1800 Louvers	
Width	12 to 60 in. (305 x 1,530 mm)
Height	12 to 96 in. (305 x 2,438 mm)
Size Increment	1-inch (13 mm) increments

#### Materials and Dimensions - Stationary Louvers

Component	LV-1250 and LV-1251 Louvers	LV-1800 Louvers
Frame	LV-1250 - 4 in. (102 mm) deep, 6063T5 Aluminum; 0.081 in. (2.1 mm) or 0.125 in. (3.2 mm) nominal wall thickness LV-1251 - 6 in. (152 mm) deep, 6063T5 Aluminum; 0.081 in. (2.1 mm) or 0.125 in. (3.2 mm) nominal wall thickness	4 in. (102 mm) deep, 18 ga. (1.3 mm) galvanized steel
Blades	6063T5 Aluminum, 0.081 or 0.125 in. (2.1 or 3.2 mm) nominal wall thickness	20 ga. (1.0 mm) galvanized steel, J-style; positioned at 45 degree angle and spaced 5 in. (127 mm) center-to-center
Screen	0.75 x 0.051 in. (19 x 1.3 mm) expanded flattened aluminum bird screen in removable frame (adds 0.5 in [13 mm] to depth).	0.5 in x 19 ga. (13 x 1.1 mm) galvanized steel in removable frame; (adds 0.5 in. [13 mm] to depth)
Finish	mill	mill
Minimum Size	12 x 12 in. (305 x 305 mm)	12 x 12 in. (305 x 305 mm)
Maximum Factory Assembly Size	75 sq ft (75 sq m), not to exceed 120 x 90 in. (3,048 x 2,286 mm)	64 sq ft (6 sq m), not to exceed 120 x 90 in. (3,048 x 2,286 mm)
Shipping Weight	LV-1250 - 4 lb/sq. ft (19.5 kg/sq. m) LV-1251 - 6 lb/sq. ft (29.3 kg/sq. m)	5 lb/sq. ft (2.4 kg/sq. m)