RUSKIN®

3900 Dr. Greaves Rd. • Kansas City, MO 64030 • (816) 761-7476 • FAX (816) 765-8955

L5361 SAND LOUVER
FORMED STEEL

STANDARD CONSTRUCTION

FRAME
4" (102) deep, 18 gage (1.3) formed galvanized steel channel.

BLADES
18 gage (1.3) formed galvanized steel.

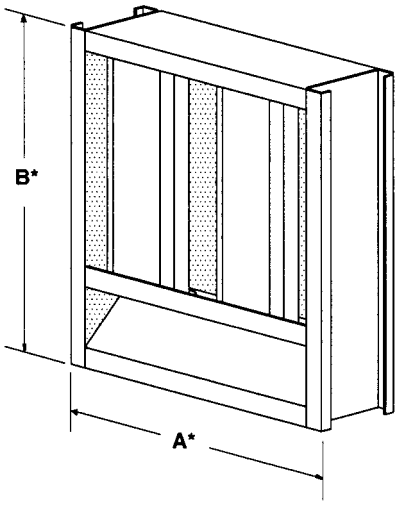
SCREEN
1/2" (13) mesh x 19 gage (1.1) galvanized screen in removable frame. Screen adds approximately 1/2" (13) to louver depth.

FINISH
Mill.

MINIMUM SIZE
24"w x 24"h (610 x 610).

APPROXIMATE SHIPPING WEIGHT
7 lbs. per sq. ft. (34 kg/m²).

MAXIMUM FACTORY ASSEMBLY SIZE
Shall not exceed 90" x 60" (2286 x 1524) or 60" x 90" (1524 x 2286) per section. Louvers larger than the maximum factory assembly size will require field assembly of smaller sections.



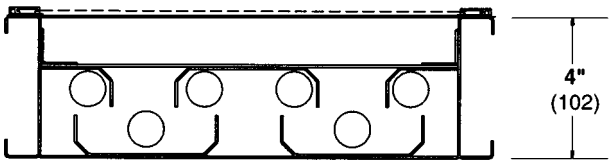
FEATURES

The L5361 offers the following features:
- 25% Free Area, 48" x 48" (1219 x 1219) size.
- Low pressure drop, tested in accordance with AMCA Standard 500-L.
- Sand efficiency removal of approximately 90% measured during tests described in ASHRAE Standard 52-76 test method.
- Sightproof design.

VARIATIONS

Variations to the basic design of the louver are available at additional cost. They include:
- Filter racks.
- A variety of bird and insect screens.
- Selection of finishes: baked enamel (modified fluoropolymer), epoxy, Kynar, Pearledize 50 & 70, prime coat, integral color and clear anodize. (Some variation in anodize color consistency is possible.) (Anodize finishes are available only on aluminum construction.)
- Formed aluminum construction with .080" (2) nominal wall thickness frame and blades.
- Formed stainless steel construction with 18 gage (1.3) frame and blades.

Consult Ruskin for other special requirements.



Dimensions in parenthesis ( ) indicate millimeters.

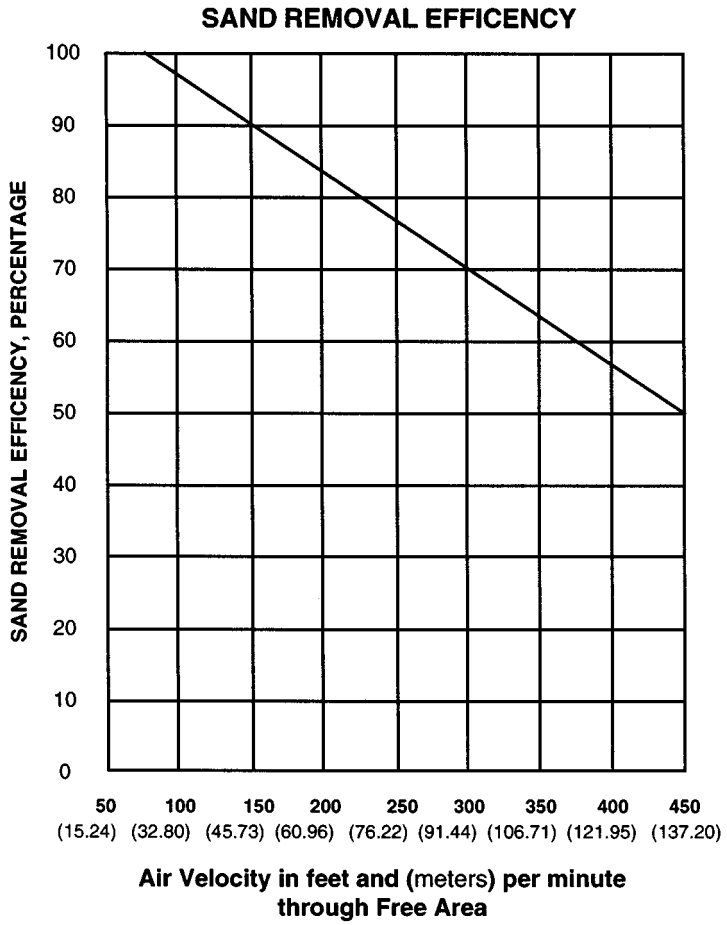
Units furnished 1/4" (6) smaller than given opening dimensions.

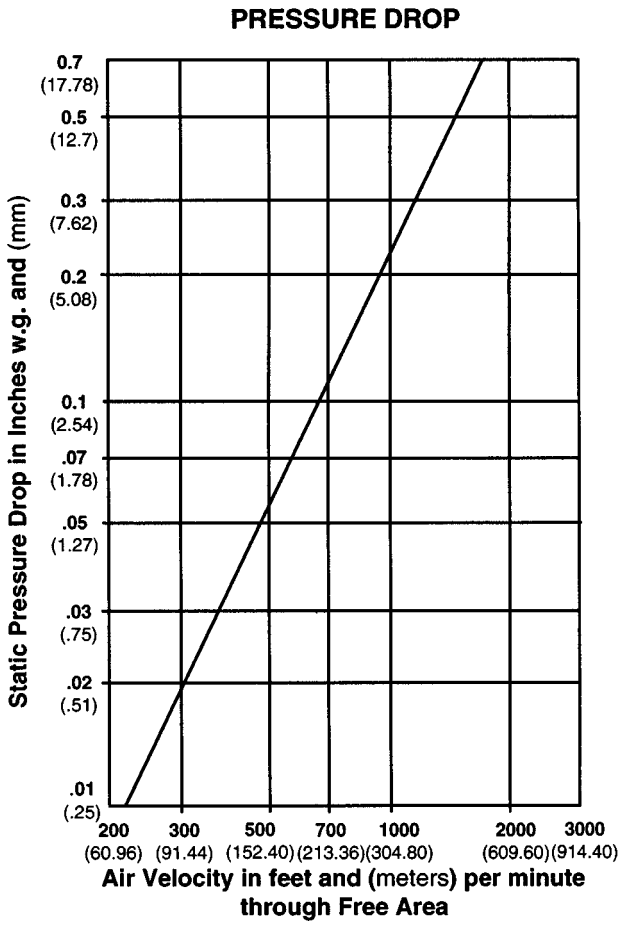
TAG	QTY.	SIZE		VARIATIONS
		A"-WIDE	B"-HIGH	

PROJECT **LOCATION**
ARCH./ENGR. **CONTRACTOR**
REPRESENTATIVE **DATE**

ALL STATED SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE OR OBLIGATION.

© Ruskin 2004





PERFORMANCE DATA

AMCA Standard 500-L provides a reasonable basis for testing and rating louvers. Testing to AMCA 500-L is performed under a certain set of laboratory conditions. This does not guarantee that other conditions will not occur in the actual environment where louvers must operate.

Designs should provide a reasonable safety factor for louver performance by selecting at some point below pressure drop or sand removal requirements.

SUGGESTED SPECIFICATION

Furnish and install louvers as hereinafter specified where shown on plans or as described in schedules. Louvers shall be Ruskin Model L5361 Vertical Blade Sand Louver, 4" (102) deep. Louver components (heads, jambs, sills, blades & mullions) shall be 18 gage (1.3) galvanized steel welded construction. Louver sizes too large for shipping shall be built up by the contractor from factory assembled louver sections to provide overall sizes required. Louver design shall incorporate structural supports required to withstand a wind load of 20 lbs. per sq. ft. (.96kPa) (equivalent of a 90 mph [145 KPH] wind - specifier may substitute any loading required).

Published louver performance data for pressure drop shall be tested in accordance with AMCA 500-L and achieve a maximum pressure drop of .125" (3.2) w.g. at a free area velocity of 750 FPM (228.6 m/min.).

Published louver performance data for measuring quantities of test dust mst be provided using a dust feeder built to specification described in ASHRAE Standard 52-76. Test dust used shall be 140-200 micron size obtained by sieving AC test dust coarse.

Published information for pressure drop and dust infiltration performance must be submitted for approval prior to fabrication and must demonstrate performance equal to or better than Ruskin model specified.

RUSKIN®

3900 Dr. Greaves Rd.
Kansas City, MO 64030
(816) 761-7476
FAX (816) 765-8955
www.ruskin.com