6375D and 6375D125 DRAINABLE STATIONARY LOUVER
EXTRUDED ALUMINUM

STANDARD CONSTRUCTION

FRAME
6" (152) deep, 6063T5 extruded aluminum. 6375D – .081" (2.1) nominal wall thickness. 6375D125 – .125" (3.2) nominal wall thickness. Downspouts and caulking surfaces provided.

BLADES
6063T5 extruded aluminum. 6375D – .081" (2.1) nominal wall thickness. 6375D125 – .125" (3.2) nominal wall thickness. Drainable blades are positioned at a 37 1/2° angle and spaced approximately 5 25/32" (150) center to center.

SCREEN
3/4" x .051" (19 x 1.3) expanded, flattened aluminum bird screen in removable frame. Screen adds approximately 1/2" (13) to louver depth.

FINISH
Mill.

MINIMUM SIZE
12"w x 12"h (305 x 305).

APPROXIMATE SHIPPING WEIGHT
6375D - 4 lbs./ft.² (19.5 kg/m²)
6375D125 - 6 lbs./ft.² (29.3 kg/m²)

MAXIMUM FACTORY ASSEMBLY SIZE
Shall be 75 sq. ft. (7m²) per section, not to exceed 120"w x 90"h (3048 x 2286) or 90"w x 120"h (2286 x 3048).

SUPPORTS
Louvers may be provided with rear mounted blade supports that increase overall louver depth depending on louver size, assembly configuration or windload.

Consult Reliable for additional information.

FEATURES

The 6375D and 6375D125 offer:
• 57% Free Area.
• Published performance ratings based on testing in accordance with AMCA Publication 511.
• High performance frame system with drainable head collects and removes water to provide excellent water penetration performance.
• Drain gutter in each blade minimizes water cascade between blades.
• Architecturally styled, hidden mullions allowing continuous line appearance up to 120" (3048).
• Aluminum construction for low maintenance and high resistance to corrosion.
• All welded construction.

VARIATIONS

Variations to the basic design of these louvers are available at additional cost. They include:
• Extended sill.
• Hinged frame.
• Front or rear security bars.
• Filter racks.
• A variety of bird and insect screens.
• Selection of finishes: prime coat, baked enamel (modified fluoropolymer), epoxy, Acrodize, Kynar, clear and color anodize. (Some variation in anodize color consistency
 Consult Reliable for other special requirements.

FRAME CONSTRUCTION

Dimensions in inches, parenthesis ( ) indicate millimeters.

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

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<td>B* - HIGH</td>
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PROJECT
ARCH./ENGR.
REPRESENTATIVE
LOCATION
CONTRACTOR
DATE

ALL STATED SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE OR OBLIGATION. © Reliable May 2014
TYPICAL INSTALLATION DETAILS

Masonry Wall

- CMU
- Louver
- Extended Sill

Wood Installation

- Louver
- Sheathing
- Siding

Metal Panel Wall

- Metal Panel
- Insulation
- Drip Cap
- Louver
- Extended Sill

Flange Mount

- CMU
- Integral Flange Frame
- Louver
- Fastener (by others)

Accessories at additional cost.
Air Velocity in feet and (meters) per minute through Free Area

Notes:
1. Data corrected to standard air density.
2. Tested to AMCA Figure 5.5.

WATER PENETRATION GRAPH
Test size 48" wide x 48" high (1219 x 1219)
Beginning point of water penetration at .01 oz./sq. ft. is 1023 fpm (312 m/min).

Ratings do not include the effect of a bird screen.

Reliable Products certifies that the 6375D and 6375D125 Louvers shown herein 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 AMCA Certified Ratings Seal applies to air performance ratings and water penetration ratings only.
Furnish and install louvers as hereinafter specified where shown on plans or as described in schedules. Louvers shall be stationary drainable type with drain gutters in each blade and downspouts in jambs and Mullions. Louvers shall have a minimum of 57% free area based on a 48" wide x 48" high (1219 x 1219) size. Stationary drainable blades shall be contained within a 6" (152) frame. Louver components (heads, jambs, sills, blades, & Mullions) shall be factory assembled by the louver manufacturer. Louvers 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 limit span between viable Mullions to 10 feet (3) and shall incorporate structural supports required to withstand a windload of 20 lbs. per sq. ft. (.96kPa) (equivalent of a 90 mph wind [145 KPH] wind – specifier may substitute any loading required).

AMCA Standard 500 provides a reasonable basis for testing and conditionswill not occur in the actual environment where louvers must operate.

Ratings Seal for Air Performance & Water Penetration must be published louver performance data bearing the AMCA Certified Ruskin model specified.

Louvers shall be Reliable Model 6375D or 6375D125 extruded 6063T5 aluminum construction as follows:

**Frame:** 6" (152) deep, 6063T5 extruded aluminum. 6375D – .081" (2.1) nominal wall thickness. 6375D125 – .125" (3.2) nominal wall thickness.

**Blades:** 6375D – .081" (2.1) nominal wall thickness. 6375DS – .125" (3.2) nominal wall thickness. 6375D125 – .125" (3.2) nominal wall thickness. Blades positioned at 37\(\frac{1}{2}\)^o angle and spaced approximately 5\(\frac{2}{3}\)" (150) center to center.

**Screen:** 3/4" x .051" (19x1.3) expanded, flattened aluminum in removable frame.

**Finish:** Select finish specification from Reliable Finishes Brochure.

Published louver performance data bearing the AMCA Certified Ratings Seal for Air Performance & Water Penetration must be submitted for approval prior to fabrication and must demonstrate pressure drop and water penetration equal to or less than the Ruskin model specified.

## PERFORMANCE DATA

AMCA Standard 500 provides a reasonable basis for testing and rating louvers. Testing to AMCA 500 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.

The louver system should be designed with a reasonable safety factor for louver performance. To ensure protection from water carryover, design with a performance level somewhat below maximum desired pressure drop and .01 oz./sq. ft. of water penetration.

### FREE AREA GUIDE

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**Free Area Guide shows free area in ft² and m² for various sizes of 6375D and 6375D125.**

**Width – Inches and Meters**