4375D and 4375D125 DRAINABLE STATIONARY LOUVERS
EXTRUDED ALUMINUM

STANDARD CONSTRUCTION

FRAME
4" (102) deep, 6063T5 extruded aluminum. 4375D – .081" (2.1) nominal wall thickness. 4375D125 – .125" (3.2) nominal wall thickness. Downspouts and caulking surfaces provided.

BLADES
6063T5 extruded aluminum. 4375D – .081" (2.1) nominal wall thickness. 4375D125 – .125" (3.2) nominal wall thickness. Blades are positioned at 37 1/2 ° angle and spaced approximately 5 3/32 " (129) center to center.

SCREEN
5/8 " x .040" (16 x 1) expanded, flattened aluminum birdscreen 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
4375D - 4 lbs./ft.² (19.5 kg/m²).
4375D125 - 6 lbs./ft.² (29.3 kg/m²).

MAXIMUM FACTORY ASSEMBLY SIZE
Single sections shall not exceed 120"w x 90"h (3048 x 2286) or 90"w x 120"h (2286 x 3048). Louvers larger than the maximum single section size will require field assembly of smaller sections.

BLADE SUPPORTS
Louvres 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 4375D and 4375D125 offer:
• 54% 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.
• Hunged 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, Pearledize, Kynar, clear and color anodize. (Some variation in anodize color consistency is possible.)

Consult Reliable for other special requirements.

FRAME CONSTRUCTION

STANDARD

INTEGRAL FLANGE

Dimensions in inches, parenthesis ( ) indicate millimeters.
*Units furnished 1/4" (6) smaller than given opening dimensions.

<table>
<thead>
<tr>
<th>TAG</th>
<th>QTY.</th>
<th>SIZE</th>
<th>FRAME</th>
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<tr>
<td></td>
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<td>A*-WIDE</td>
<td>B*-HIGH</td>
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PROJECT
ARCH./ENGR.
REPRESENTATIVE
LOCATION
CONTRACTOR
DATE

Spec 4375D-4375D125-414/Replaces 4375D-4375D125-411
ALL STATED SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE OR OBLIGATION. © Reliable April 2014
TYPICAL INSTALLATION DETAILS

Masonry Wall

- CMU
- Sealant (by others)
- Louver
- Extended Sill (optional)
- Installation Angle (optional)

Metal Panel Wall

- Corrugated Metal
- Insulation
- Drip Cap (optional)
- Installation Angle (optional)
- Louver
- Sealant (by others)
- Extended Sill (optional)

Wood Installation

- Sealant (by others)
- Installation Angle (optional)
- Louver
- Sheathing
- Siding

Flange Mount

- CMU
- Louver Frame
- Louver

Options are available at additional cost. Fasteners into substrate are not provided by Reliable.
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 873 fpm (266 m/min).

Ratings do not include the effect of a bird screen.

Reliable Products certifies that the 4375D and 4375D125 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.
GENERAL
Furnish and install at locations shown on the plans or as described in schedules drainable louvers. Stationary louvers shall be manufactured in an ISO 9001 certified factory.

Stationary louvers shall be furnished with bird and/or insect screens, supports and finishes as specified and as required for a complete installation. Stationary louvers shall incorporate drainable stationary blade. All blades and frames shall be constructed of 6063-T5 aluminum alloy.

PERFORMANCE
The louver shall be AMCA certified for Water Penetration and Air Performance frames. Performance conforming to the following minimum requirements:

- 6063-T5 aluminum alloy.
- Stationary blade. All blades and frames shall be constructed of 6063-T5 aluminum alloy.
- Free Area: 8.58 Square Feet (0.80 m²).

MATERIAL
Stationary louvers shall be 4" (102) deep. Louver blade and frame nominal wall thickness shall be .125" (3.2) for 4375D125. Integral gutters shall be incorporated into louvers, head and jambs.

FREE AREA GUIDE
Free Area Guide shows free area in ft² and m² for various sizes of 4375D and 4375D125.

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STRUCTURAL DESIGN
Integral structural supports shall be designed and furnished by the louver manufacturer to carry a wind load of not less than 20 psf (.96 kPa).

FINISH
Stationary louvers shall be finished as specified by the architect. Painted finishes shall include the following minimum requirements.

- All Kynar finishes shall be applied at 1.2 milt total dry film thickness and meet the following AAMA standards. 70% Kynar finishes shall meet AAMA 2605-05 for organic coatings and exterior aluminum finishes requiring 10 years of South Florida exposure. 50% Kynar finishes shall meet AAMA 2604-05 for organic coatings and exterior aluminum finishes requiring 5 years of South Florida exposure.

- Louver manufacturer shall provide 20 year limited warranty for fluoro-polymer-based finishes. 10-year warranties shall not be acceptable. Finish coating shall not peel, blister, chip, crack or check. Chalking and fading of finish shall not exceed the maximum limits identified in the manufacturer’s finish warranty.

- This warranty shall begin on the date of material shipment. Stationary Louver shall be Reliable model 4375D or 4375D125.