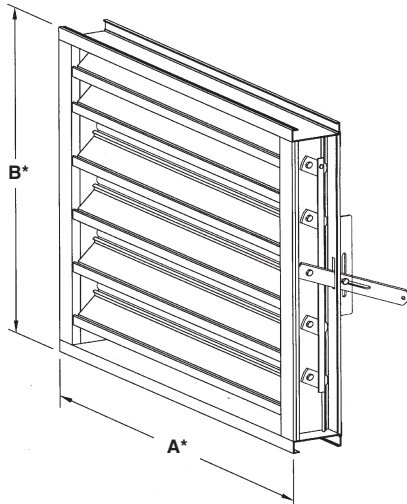




445RDHBD DRAINABLE COMBINATION LOUVER

EXTRUDED ALUMINUM



STANDARD CONSTRUCTION

FRAME
4" (102) deep, 6063T5 extruded aluminum with .081" (2.1) nominal wall thickness. Downspouts and caulking surfaces provided.

BLADES
Front stationary drainable blades – 6063T5 extruded aluminum with .060" (1.5) nominal wall thickness, positioned at 45° angle and spaced approximately 47/16" (113) center to center.
Rear adjustable blades – 6063T5 extruded aluminum, .125" (3.2) nominal wall thickness for operating section widths through 48" (1219) .

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.

SEALS
Extruded vinyl blade edge seals on rear adjustable blades and flexible, compressible aluminum jamb seals.

LINKAGE
Concealed.

BEARINGS
Stainless steel sleeve pressed into frame.

AXLES
1/2" (13) plated steel hex.

ACTUATOR
Locking louver quadrant.

FINISH
Mill.

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

APPROXIMATE SHIPPING WEIGHT
6 lbs./ft.² (29.3 kg per m²).

MAXIMUM FACTORY ASSEMBLY SIZE
Shall be 48"w x 96"h (1219 x 2438).

Louvers larger than the maximum factory assembly size will require field assembly of smaller sections.

FEATURES

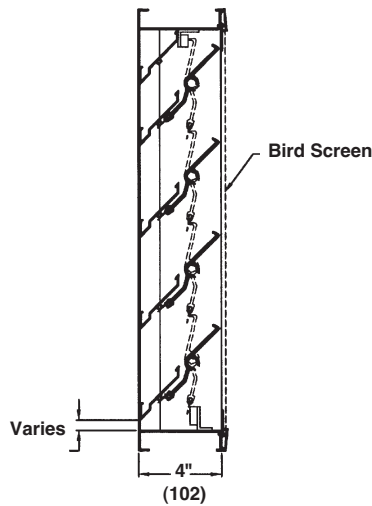
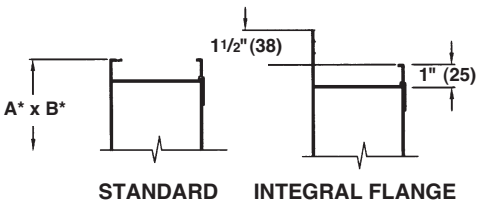
- The 445RDHBD offers:
- Published performance ratings based on testing in accordance with AMCA Publication 511.
 - High free area, low water penetration, and low pressure drop.
 - Concealed blade linkage is protected from weather exposure and reduces required installation depth.
 - Adjustable rear blades provide desired shut off in the same 4" (102) deep frame normally required by a louver alone.
 - Blade and jamb seals provide tight closure.
 - A drain gutter in each front stationary blade and downspouts in jambs and mullions drain water from the louver with minimum water cascade from blade to blade.

VARIATIONS

- Variations to the basic design of the louver are available at additional cost. They include:
- Extended sill.
 - Electric or pneumatic actuators.
 - 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 is possible).

Consult Reliable for other special requirements.

FRAME CONSTRUCTION



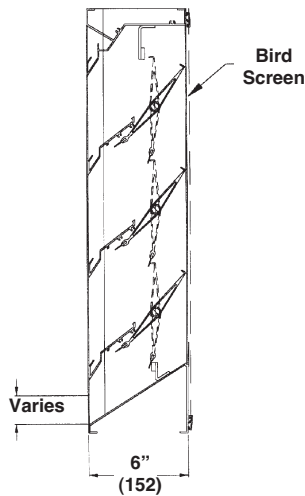
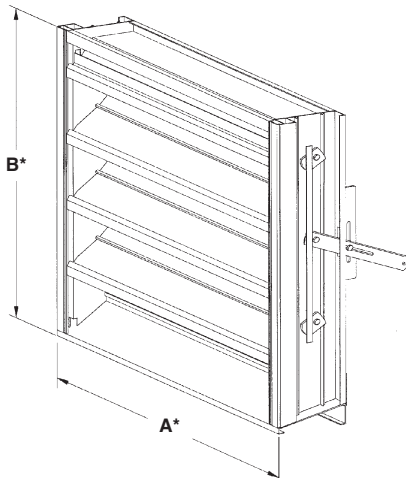
Dimensions in inches, parenthesis () indicate millimeters. *Units furnished 1/4" (6) smaller than given opening dimensions.

TAG	QTY.	SIZE		FRAME	VARIATIONS
		A*-WIDE	B*-HIGH		
PROJECT ARCH./ENGR. REPRESENTATIVE		 WebREPS 1-800-810-3280		LOCATION CONTRACTOR DATE	



6375RDHAX DRAINABLE COMBINATION LOUVER

EXTRUDED ALUMINUM



STANDARD CONSTRUCTION

FRAME

6" (152) deep, 6063T5 extruded aluminum with .125" (3.2) nominal wall thickness. Downspouts and caulking surfaces provided.

BLADES

Front stationary drainable blades – 6063T5 extruded aluminum with .081" (2.1) nominal wall thickness, positioned at 37 1/2° angle and spaced approximately 6 1/8" (156) on center. Rear adjustable airfoil blades – 6063T5 extruded aluminum, .140" (3.6) nominal wall thickness.

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.

SEALS

Extruded vinyl blade edge seals on rear adjustable blades and flexible, compressible aluminum jamb seals.

LINKAGE

Concealed in frame.

BEARINGS

Stainless steel sleeve pressed into frame.

AXLES

1/2" (13) plated steel hex.

ACTUATOR

Locking louver quadrant.

FINISH

Mill.

MINIMUM SIZE

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

APPROXIMATE SHIPPING WEIGHT

8 lbs. per sq. ft. (39.1 kg per m²).

MAXIMUM FACTORY ASSEMBLY SIZE

Shall be 120"w x 96"h (3048 x 2438) with standard frame, 120"w x 93"h (3048 x 2362) with integral flange frame. Maximum operating section width is 60" (1524).

Louvers larger than the maximum factory assembly size will require field assembly of smaller sections.

FEATURES

The 6375RDHAX offers:

- 47% Free Area.
- Published performance ratings based on testing in accordance with AMCA Publication 511.
- Concealed blade linkage is protected from weather exposure and reduces required installation depth.
- Adjustable rear blades provide desired shut off in the same 6" (152) deep frame normally required by a louver alone.
- Blade and jamb seals provide tight closure.
- High performance frame system with drainable head collects and removes water to provide excellent water penetration performance.
- A drain gutter in each front stationary blade minimizes water cascade between blades.
- Architecturally styled hidden mullions allowing continuous line appearance up to 120" (3048).

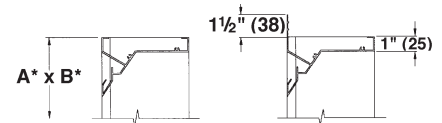
VARIATIONS

Variations to the basic design of the louver are available at additional cost. They include:

- Extended sill.
- Hinged frame.
- Front or rear security bars.
- Filter racks.
- Installation angles.
- A variety of bird and insect screens.
- A selection of manual, electric, and pneumatic actuators.
- Selection of finishes: prime coat, baked enamel (modified fluoropolymer), epoxy, Acrodize, 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.

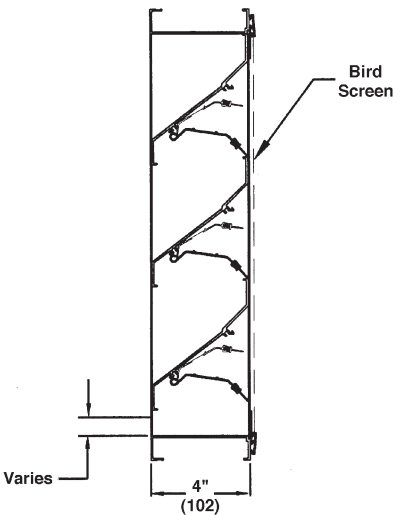
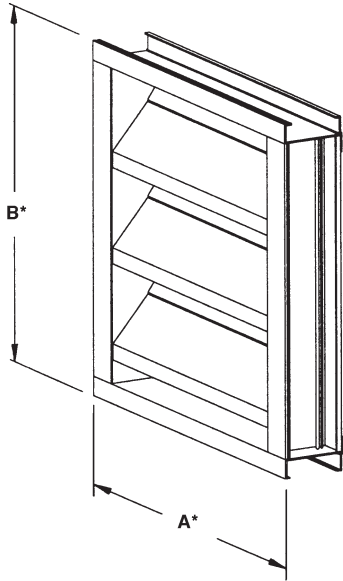
*Units furnished 1/4" (6) smaller than given opening dimensions.

TAG	QTY.	SIZE		FRAME	VARIATIONS
		A*-WIDE	B*-HIGH		
PROJECT ARCH./ENGR. REPRESENTATIVE		 WebREPS 1-800-810-3280		LOCATION CONTRACTOR DATE	



1300 ENTERPRISE ROAD GENEVA, ALABAMA 36340-0580 800-239-4621 FAX 1-800-508-1469 www.reliablelouvers.com

445RBID AUTOMATIC INTAKE DUAL COMBINATION LOUVER DAMPER EXTRUDED ALUMINUM



STANDARD CONSTRUCTION

FRAME
445RBID - 4" (102) deep, 6063T5 extruded aluminum with .081" (2.1) nominal wall thickness. Caulking surfaces provided.

BLADES
Louver blades: 6063T5 extruded aluminum, .081" (2.1) nominal wall thickness. J-style blades (formerly "weatherproof") are positioned at 45° angle. Blade spacing is approximately 5" (127) center to center.
Backdraft damper blades: .050" (1.3) extruded aluminum.

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.

SEALS
Extruded vinyl blade edge seals on rear adjustable blades to provide quiet operation.

FINISH
Mill.

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

APPROXIMATE SHIPPING WEIGHT
6 lbs. per sq. ft. (29.3 kg/m²).

MAXIMUM FACTORY ASSEMBLY SIZE
Shall be 48"w x 96"h, 32 sq. ft. (1219 x 2438, 3m²). Louvers larger than the maximum factory assembly size will require field assembly of smaller sections.

FEATURES

- The 445RBID offers:
- All aluminum construction for low maintenance and high resistance to corrosion.
 - Approximately 40% free area with backdraft damper blades full open, based on a 48" x 48" (1219 x 1219) size.
 - Operable blades start to open at .16" w.g. static pressure and are fully open at .25" w.g. static pressure.

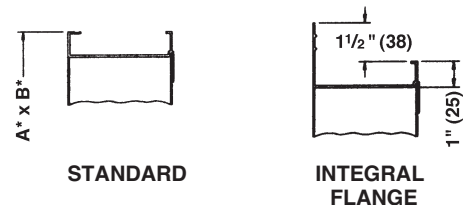
VARIATIONS

Variations to the basic design of this louver are available at additional cost. They include:

- Extended sill.
- Front or rear security bars.
- Filter racks
- Installation angles.
- 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 is possible.)

Consult Reliable for other special requirements.

FRAME CONSTRUCTION



Dimensions in inches, parenthesis () indicate millimeters.

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

TAG	QTY.	SIZE		FRAME	VARIATIONS
		A*-WIDE	B*-HIGH		
PROJECT ARCH./ENGR. REPRESENTATIVE		 WebREPS 1-800-810-3280		LOCATION CONTRACTOR DATE	



445RBED AUTOMATIC EXHAUST DUAL COMBINATION LOUVER DAMPER

EXTRUDED ALUMINUM

STANDARD CONSTRUCTION

FRAME
445RBED - 4" (102) deep, 6063T5 extruded aluminum with .081" (2.1) nominal wall thickness. Caulking surfaces provided.

BLADES
Louver blades: 6063T5 extruded aluminum, .081" (2.1) nominal wall thickness. J-style blades (formerly "weatherproof") are positioned at 45° angle. Blade spacing is approximately 5" (127) center to center.
Backdraft damper blades: .050" (1.3) extruded aluminum.

SCREEN
5/8" x .040" (16 x 1) expanded, flattened aluminum bird screen in removable frame. Screen adds approximately 1/2" (13) to louver depth.

SEALS
Extruded vinyl blade edge seals on rear adjustable blades to provide quiet operation.

FINISH
Mill.

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

APPROXIMATE SHIPPING WEIGHT
6 lbs. per sq. ft. (29.3 kg/m²).

MAXIMUM FACTORY ASSEMBLY SIZE
Shall be 48"w x 96"h, 32 sq. ft. (1219 x 2438, 3m²). Louvers larger than the maximum factory assembly size will require field assembly of smaller sections.

FEATURES

- The 445RBED offers:
- All aluminum construction for low maintenance and high resistance to corrosion.
 - Approximately 40% free area with backdraft damper blades full open, based on a 48" x 48" (1219 x 1219) size.
 - Operable blades start to open at .01" w.g. static pressure and are fully open at .25" w.g. static pressure.

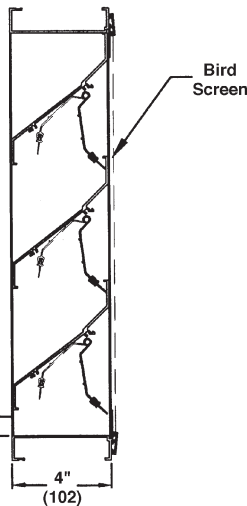
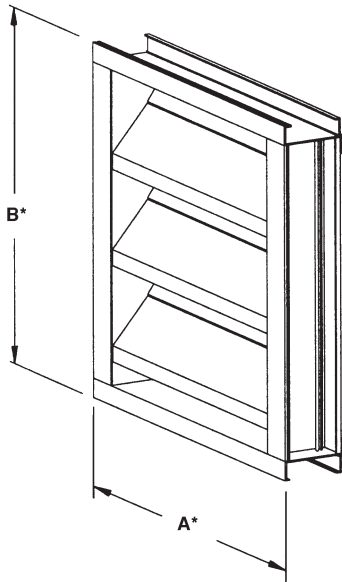
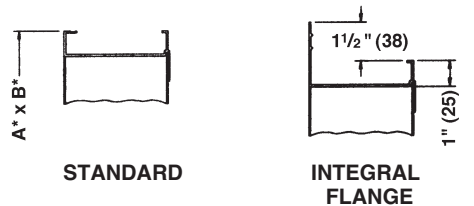
VARIATIONS

Variations to the basic design of this louver are available at additional cost. They include:

- Extended sill.
- Front or rear security bars.
- Filter racks
- Installation angles.
- A variety of bird and insect screens.
- Selection of finishes: prime coat, baked enamel (modified fluoropolymer), epoxy, Pearledize 50 & 70, Kynar, clear and color anodize. (Some variation in anodize color consistency is possible.)

Consult Reliable for other special requirements.

FRAME CONSTRUCTION



Dimensions in inches, parenthesis () indicate millimeters.

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

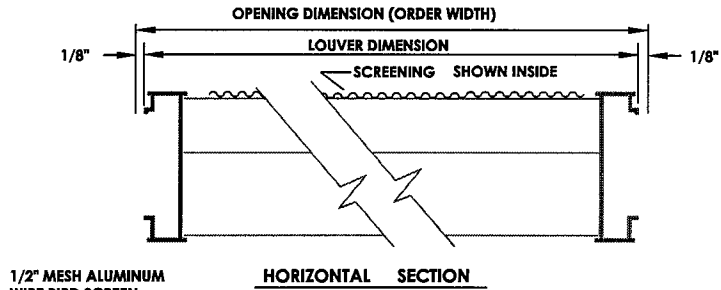
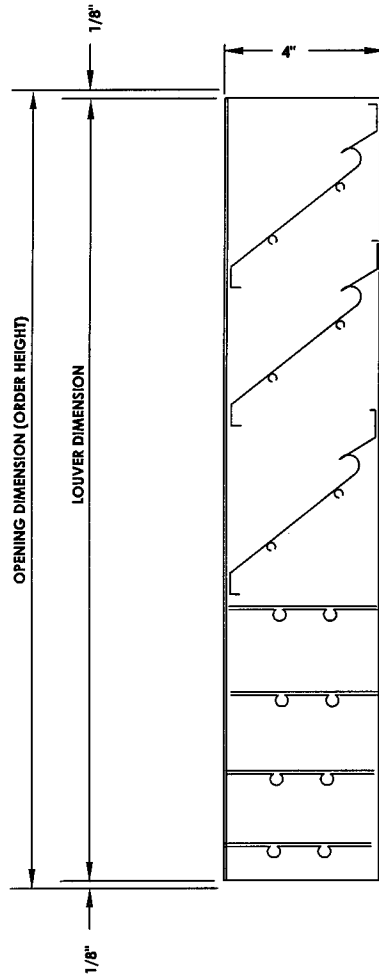
TAG	QTY.	SIZE		FRAME	VARIATIONS
		A*-WIDE	B*-HIGH		
PROJECT ARCH./ENGR. REPRESENTATIVE		 WebREPS 1-800-810-3280		LOCATION CONTRACTOR DATE	

EXTRUDED ALUMINUM LOUVER

Model 4-SRCF - COMBO

Storm Resistant
Channel Frame Louver

COMBINATION INTAKE/EXHAUST
45 DEGREE & 90 DEGREE BLADE



SPECIFICATIONS

FRAME
.081 THICK EXTRUDED ALUMINUM
6063-T5 MILL FINISH

BLADE
.081 THICK EXTRUDED ALUMINUM
6063-T5 MILL FINISH

BLADE SPACING
3-1/4" CENTERS EXCEPT AT HEAD
AND SILLS
CORROSION RESISTANT STEEL FASTENERS
USED AT ASSEMBLY

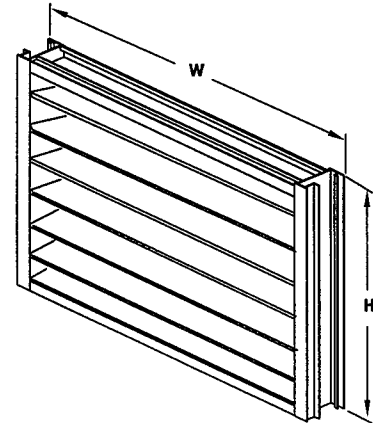
MINIMUM HEIGHT
8"

MAXIMUM SINGLE SECTION
240"W X 240"H

SCREEN
BIRD SCREEN 1/2" X 1/2" ALUMINUM

OPTIONAL SCREEN:
INSECT SCREEN 18 X 16 MESH
ALUMINUM

OPTIONAL FINISHES:
CLEAR ANODIZE
ANODIZE COLORS
PAINT
"KYNAR"



PLEASE SPECIFY
SCREEN INSIDE OUTSIDE
FINISH _____
MISC. _____

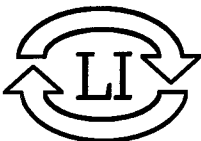
LOUVERS WILL BE SUPPLIED AS ORDER WIDTH - 1/4" X ORDER HEIGHT - 1/4" UNLESS SPECIFIED "ACTUAL SIZE"

MARK	QUAN.	WIDTH	HEIGHT	JOB NAME:

LOCATION: _____
ARCHITECT: _____
ENGINEER: _____
CONTRACTOR: _____



10543-REV-C

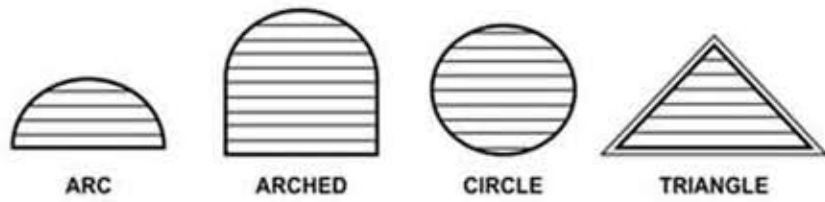


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LOUVERS

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