

**MODEL RD-8 8" [203mm] VERTICAL BLADE SAND/RAIN FIXED LOUVER****STANDARD CONSTRUCTION:**

FRAME: 0.081 [2.06mm] extruded aluminum sides 8.50" [216mm] deep
0.090 [2.29mm] formed aluminum top and bottom
(bottom incorporates 45° angle for maximum drainage)

BLADES: 0.081 [2.06mm] extruded aluminum placed on 2" [51mm] centers

BIRDSCREEN: 0.75" x 0.051 [19.05mm x 1.30mm] Flattened Aluminum in removeable frame. Screen is mounted as standard on inside (rear) as looking from exterior of building.

FINISH: Mill Aluminum (Std)

MINIMUM SIZE: 12"w x 18"h [305mm x 457mm]

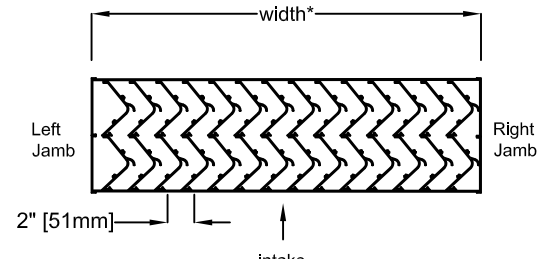
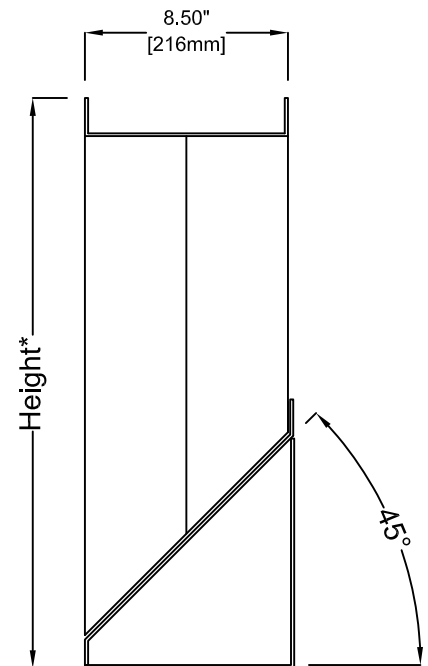
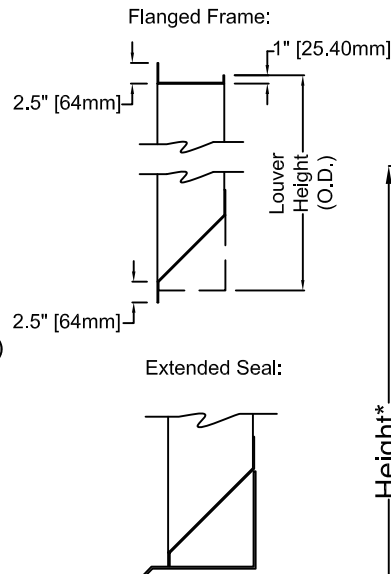
MAXIMUM SIZE: 48"w x 96"h or 120"w x 48"h [1219mm x 2438mm or 3048mm x 1219mm]

OPTIONS:

- ☐ Flanged Frame (1.5" std.) [38mm]
- ☐ Custom Flange (1", 2", or 3") [25mm, 51mm, or 76mm]
- ☐ Extended Sill
- ☐ Insect Screen (Other Screens Available, See Screen Page)
- ☐ Filter Racks (no screen)
- ☐ Security Bars
- ☐ Hinged Sub Frame
- ☐ Welded Construction (Wind Load +/- 50 psf)
- ☐ Blank-off, Alum., non-insulated, no screen, non-removeable
- ☐ Blank-off, Alum., non-insulated, with bird screen or insect screen
- ☐ Blank-off, Alum., insulated double wall, with bird screen, removable
- ☐ Blank-off, Alum., insulated double wall, no screen, non-removeable

AVAILABLE FINISHES:

- ☐ **Powder Polyester TGIC** (2 coats) baked on at 410°F [210° C], 2.5 to 3.5 mils
- ☐ **Powder Super durable polyester** (2 coats) baked on at 410°F [210° C], 2.5 to 3.5 mils
- ☐ **Acrylic baked enamel** (ACRA-BOND® ULTRA) by AkzoNobel baked on at 350°F [177° C], 0.8 to 1.2 mils dry
- ☐ **Kynar®** (ALUM*A*STAR®) 2 coats by AkzoNobel baked on at 450°F [222° C], 1.2 to 1.6 mils dry
- ☐ **Kynar 500®** or **HYLAR® 5000 70% TRINAR®** (2 coats) by AkzoNobel baked on at 450°F [222° C], 1.2 to 1.6 mils dry
- ☐ **Kynar 500®** or **HYLAR® 5000 (70% Tri-Escent II)** (2 coats) by AkzoNobel, a superior finish to other metallic or anodized finishes. A blend of mica, ceramic, and inorganic pigments creates subtle yet dazzling design that goes beyond metallic color without the requirement of a clear coat. 14 standard colors - custom colors available. Baked on at 415°F [213° C], 1.4 to 1.8 mils dry,
- ☐ **Clear Anodize** 204 R-1 Class II (AA-C22A31)(0.4 to 0.7 mil)
- ☐ **Clear Anodize** 215 R-1 Class I (AA-C22A41)(>0.7 mil)
- ☐ **Integral Color Anodize** (AA-C22A42)(>0.7 mil)
 - Clear coat available for all above finishes.
 - Hylar® 5000 is a registered trademark of Solvay Solexis, Inc.
 - Kynar® 500 is a registered trademark of Arkema.
 - ALUM*A*STAR® 50 and TRINAR® are registered trademarks of AkzoNobel
 - ACRA-BOND® ULTRA is a registered trademark of AkzoNobel

**PLAN VIEW****SIDE VIEW**

PERFORMANCE DATA (in accordance with AMCA 500L):
Beginning point of water penetration lies above 1250 FPM
Pressure Drop: .14" w.g. @1000 fpm (Intake) .12" w.g. @1000 fpm (exhaust)
For Sand Removal Efficiency and Free Area, see next page.

*Width and Height dimensions are approximately 1/4" [6.35mm] under listed size.

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