

**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]

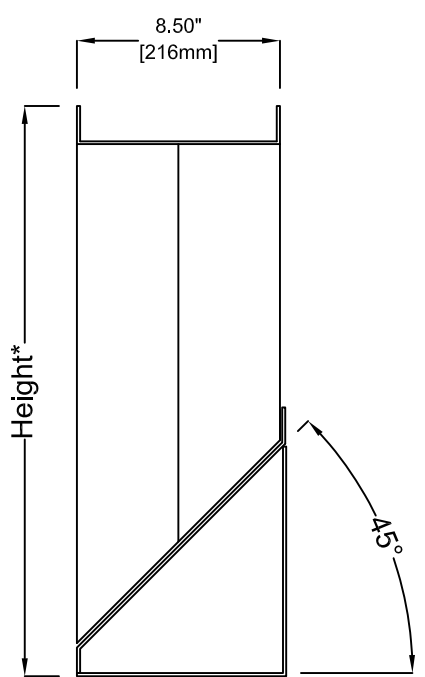
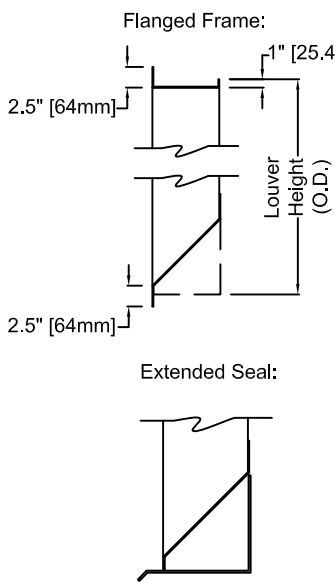
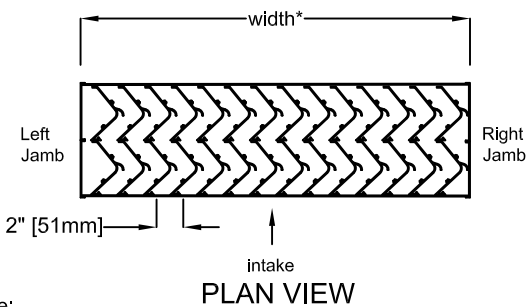
**MAXIMUM SIZE:** 48"w x 96"h or 120"w x 48"h [1219mm x 2438mm or 3048mm x 1219mm]

**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 Meets AAMA-2603 Standards
- Powder Super durable polyester** (2 coats) baked on at 410°F [210° C], 2.5 to 3.5 mils Meets AAMA-2604-05 Standards
- Acrylic baked enamel (ACRA-BOND® ULTRA)** by AkzoNobel baked on at 350°F [177° C], 0.8 to 1.2 mils dry Meets AAMA-2603 Standards
- Kynar® (ALUM\*A\*STAR®)** 2 coats by AkzoNobel baked on at 450°F [222° C], 1.2 to 1.6 mils dry Meets AAMA-2604-05 Standards
- 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, Meets AAMA-2605-05 Standards
- 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, meets AAMA 2605-05.
- 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



<b>PERFORMANCE DATA</b> (in accordance with AMCA 500L):
Beginning point of water penetration lies <b>above 1250 FPM</b>
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. Due to continuing research, United Enertech reserves the right to change specifications without notice.

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DRAWN BY:	DATE:	REV. DATE:	REV. NO.	APPROVED BY:	DWG. NO.:
CLJ	4-6-10	4-12-13	4	BGT	<b>A-17</b>

