



MODEL STL 4.2 ULTRA LOW PRESSURE VERTICAL BLADE SAND TRAP LOUVER

STL 4.2 is designed to protect air intakes from wind-driven sand with best in class air performance. Vertical sight proof blades separate sand from the airstream and offer high clearance from sand tray to prevent ingress of sand. STL4.2 is designed for the most demanding applications such as Fresh Air intakes for buildings, Air Handling Units, Generator Rooms with a focus on high air flow performance to minimize fan loading.

STANDARD CONSTRUCTION:

Frame: 0.08" (2.00mm) Extruded 6063 Extruded / Aluminum or Formed.

Blade: 0.06" (1.50mm) Extruded 6063 Extruded / Aluminum or Formed.

Birdscreen: 0.75" x .051" Flattened Aluminum in removable frame.
Screen is mounted as standard on inside (rear) as looking from exterior of building. Steel screens are also available in various sizes.

Finish: Mill Aluminum (Std.)

Minimum Size: 12" x 12" (300mm x 300mm)

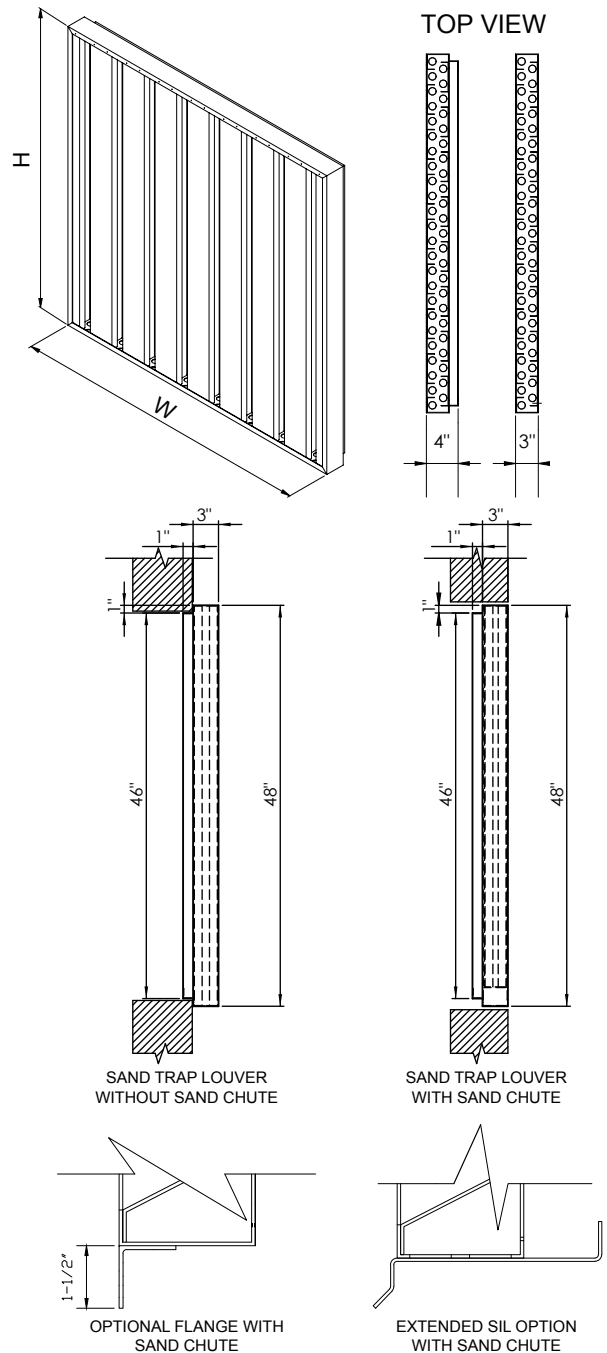
Maximum Section Size: 120" x 120" (3000mm x 3000mm)


OPTIONS:

- Galvanized Steel Construction
- Stainless Steel Construction
- Welded Construction (Wind Load +/- 50 psf)
- Heavy Gauge (Please consult for availability)
- Security Bars
- Filter Racks
- Bird Screen
- Washable Filter (1/2", 3/5", 1")
- Extended Sil (with Chute)
- Optional Flange (with Chute)

AVAILABLE FINISHES:

- Powder Polyester TGIC** (2 coats) baked on at 410°F, 2.5 to 3.5 mils Meets AAMA-2603 Standards
- Powder Super durable polyester** (2 coats) baked on at 410°F, 2.5 to 3.5 mils Meets AAMA-2604-05 Standards
- Acrylic baked enamel** (ACRA-BOND® ULTRA) by AkzoNobel baked on at 350°F, 0.8 to 1.2 mils dry Meets AAMA-2603 Standards
- Kynar®** (ALUM*A*STAR®) 2 coats by AkzoNobel baked on at 450°F, 1.2 to 1.6 mils dry Meets AAMA-2604-04 Standards
- Kynar 500®** or **HYLAR® 5000 70% TRINAR®** (2 coats) by AkzoNobel baked on at 450°F, 1.2 to 1.6 mils dry, Meets AAMA-2605-05 Standards
- OPTIONAL OPTIONAL**
- Kynar 500®** or **HYLAR® 5000 (70% Tri-Escnt 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, 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)
- Integrat 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



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