MODEL AFL-D-4  HIGH PERFORMANCE ADJUSTABLE LOUVER 4"

STANDARD CONSTRUCTION:

FRAME:
.081 Extruded Aluminum 4.25" deep.

BLADES:
.081 Extruded Aluminum Positioned on a 37° angle
on approximately 2.68" centers.

LINKAGE:
In Air Stream

BIRDSCREEN:
.75" X .061 Flattened Aluminum in Removable Frame.
Screen is mounted on inside (rear) as looking from exterior of building.

OPERATOR:
Louvers without actuators will be supplied with Locking Quadrants

FINISH:
Mill Aluminum (Std.)

MINIMUM SIZE:
12"w x 12"h

MAXIMUM SIZE:
60"w X 96"h single section, Multiple louvers can be bolted together
up to 120"w x 54"h or 84"w x 120"h. Factory assembled multi-section
max: 108"w x 48"h. Larger sizes are field assembled.

OPTIONS:

☐ Flanged Frame (1.5" std.)
☐ Custom Flange (1", 2", or 3")
☐ Glazing Adapter (.50" or .75")
☐ Extended Sill
☐ Insect Screen (Other Screens Available, See Screen Page)
☐ Filter Racks (no screen)
☐ Security Bars
☐ Blade Seals (EPDM)
☐ Jamb Seals (Stainless Steel)
☐ Hinged Sub Frame
☐ Actuator: See Actuator Selection Chart

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-2604-05 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

☐ 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
col. 14 standard colors - custom colors available. Baked
on at 415° F, 1.4 to 1.8 mils dry, meets AAMA 2605-06.

☐ 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

Due to continuing research, United Enertech reserves
the right to change specifications without notice.

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SUGGESTED SPECIFICATION

Furnish and install louvers as hereinafter specified where shown on plans or as described in schedules. Louvers shall be adjustable drainable type with drain gutters in each blade and downspouts in jams and mullions. Adjustable drainable blades shall be contained within a 4.25" frame. Louver components (heads, jams, sills, blades, and mullions) shall be factory assembled by the louver manufacturer. Louver sizes too large for shipping will be built up by the contractor from factory assembled louver sections to provide overall sizes required. Louver design shall incorporate structural supports required to withstand a wind load of 25 lbs. per sq. ft. (equivalent of a 100 mph wind).

PERFORMANCE DATA

AMCA Standard 500-L provides a reasonable basis for testing and rating louvers. Testing to AMCA 500-L is performed under a certain set of laboratory conditions. This does not guarantee that other conditions will not occur in the actual environment where louvers must operate.

FREE AREA CHART (SQUARE FEET)

Louver Width In Inches

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FREE AREA VELOCITY (FT/MIN)

Based on STANDARDS AIR .075 lb. per cubic foot. Ratings do not include the effects of screen.
Test size 48" x 48".

WATER PENETRATION

Standard Air -.075 lb./ft.

Beginning point of WATER PENETRATION is 1217 fpm

the maximum recommended FREE AREA VELOCITY

United Enertech certifies that the AFL-D-4 shown herein is 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 rating seal applies to air performance ratings and water penetration ratings.