MODEL CFL-D-6

HIGH PERFORMANCE COMBINATION LOUVER/DAMPER 6"

STANDARD CONSTRUCTION:
FRAME: .125" Extruded Aluminum 6.20" deep.
ADJUSTABLE BLADE: .125" Extruded Aluminum
FIXED BLADE: .081 Extruded Aluminum Positioned on a 37° angle on approximately 3.58" centers.
LINKAGE: Exposed

BIRDSCREEN:
3/4" X .051 Flattened Aluminum in Removable Frame. Screen is mounted on inside (rear) as looking from exterior of building.

FINISH: Mill aluminum (std.)

MINIMUM SIZE: 12"w x 12"h
MAXIMUM SIZE:
Factory assembled multi-section max: 108"w x 120"h 60"w x 120"h single section
Larger sizes are field assembled.

OPTIONS:
- Flanged Frame (1.5" std.)
- Custom Flange (1", 2", or 3")
- Glazing Adapter (.50" or .75")
- Extended Sill
- Hinged Sub Frame
- Filter Racks (no screen)
- Welded construction (Wind Load +/- 50 psf)
- .125" Construction
- Blank-off, Alum., non-insulated, no screen, non-removable
- 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-removable
- 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-Excel® 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 1.6 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

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

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MODEL CFL-D-6 (High Performance Combination Louver/Damper 6"

DRAWN BY:  DATE:  REV. DATE:  REV. NO.  APPROVED BY:  DWG. NO.: 

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**SUGGESTED SPECIFICATION**

Funish and install louvers as hereinafter specified where shown on plans or as described in schedules. Louvers shall be combination louver/dampers drainable type with drain gutters in each blade and downspouts in jambs and Mullions. Stationary drainable blades shall be contained within a 6.20” frame. Louver components (heads, jambs, sills, blades, and Mullions) shall be factory assembled by the louver manufacturer. Louver sizes too large for shipping shall 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 30 lbs. per sq. ft. (equivalent of a 110 mph wind).

**PERFORMANCE DATA**

AMCA Standard 500 provides a reasonable basis for testing and rating louvers. Testing to AMCA 500 is performed under certain test conditions developed by the AMCA in conjunction with the AMCA publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings Seal applies to Air Performance and Water Penetration ratings.

United Enertech Corporation certifies that the louver model shown hereon is licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with the AMCA publication 511 and comply with the requirement of the AMCA Certified Ratings Program. The AMCA Certified Ratings Seal applies to Air Performance and Water Penetration ratings.

Beginning point of WATER PENETRATION for MODEL CFL-D-6 lies above 1250 fpm free area velocity at .01 oz. of water (penetration)

**FREE AREA CHART (SQUARE FEET)**

<table>
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<th>Louver Height Inches</th>
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**TEST SIZE: 48” X 48” - 15 MINUTE TEST DURATION**

Air Flow Resistance

FREE AREA VELOCITY (FT/Min)

Based on STANDARD 48", 70 lbs. per cubic foot. Ratings do not include the effects of screen. Test size 48” x 48”