

SECTION 15869LOUVERSPART 1 - GENERAL1.1 DESCRIPTION

- A. Work Included: Provide and install louvers and accessories where shown on the Drawings.
- B. Related Work Specified Elsewhere (When Applicable):
 - 1. Caulking and flashing are specified in Division 7.
 - 2. Sheet metal ductwork, air devices, automatic temperature control, etc., are specified in the appropriate Sections in this Division.
 - 3. Electrical is specified in Division 16.

1.2 QUALITY ASSURANCE

- A. All louvers shall be certified by AMCA for air pressure drop, free area, and water penetration.
- B. Acceptable Manufacturers:
 - 1. Ruskin Mfr. Co.
 - 2. Air Balance, Inc.
 - 3. Louvers & Dampers, Inc.
 - 4. American Warming and Ventilating, Inc.
 - 5. Airstream Inc.
 - 6. Or equivalent.

1.3 SUBMITTALS TO THE ENGINEER

- A. Submit shop drawings, manufacturer's literature, maintenance data and operating instructions as stated in the General Conditions of the Construction Contract.
- B. Submit free area, pressure drop, and water penetration data for each louver for approval.
- C. Submit AMCA certification for louver style.
- D. Submit sample louver section with proposed finish for review and no exceptions taken by the Engineer.
- E. Submit scale drawings of each louver showing sizes, construction details, and mullion locations.

1.4 DELIVERY, STORAGE AND HANDLING

- A. Deliver in manufacturer's unopened containers as job progress requires.
- B. Store in unopened containers in weathertight building.
- C. Exercise care in handling to avoid bending blades or frames, damaging finish and other damage of any nature.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Exterior Stationary Louvers:
 - 1. Equal to Ruskin Mfr. Co. Model ELF-375D.
 - 2. Storm proof, .081 extruded aluminum 6063-T5 blades.
 - 3. Architectural style.
 - 4. 6063-T5 extruded structural aluminum frame, .100" wall thickness, mitered corners and caulking slots.
 - 5. Rigid hidden architectural style mullions as required for span, but not greater than 48" on center. Provide mullions at each section of louver requiring duct or fan connection.
 - 6. Blade stiffeners.
 - 7. 1/2 inch mesh replaceable aluminum bird screen on interior, insect screen where shown on the Drawings.
 - 8. Kynar 500 finish - manufacturer's standard color selected by Engineer.
 - 9. 4 inch width.
 - 10. Provide extended sill.
 - 11. Caulk slots and flange when installed in masonry construction. Provide nailing flange when installed in wood frame construction.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install as required using manufacturer's instructions and recommendations and as shown on the Drawings.
- B. Caulk all openings as required in Division 7 and as shown on the Drawings.
- C. Isolate metal to metal contact between aluminum louver frames and steel damper frames or ductwork with suitable paint.

3.2 CLEANING AND ADJUSTING

- A. Clean all louvers and dampers of grease, tar and dirt to the satisfaction of the Engineer.
- B. Adjust all louvers to the satisfaction of the Engineer.

END OF SECTION