

Montgomery County Public Schools Facilities Guide

DIVISION 10 – SPECIALTIES

SECTION 10200

LOUVERS AND VENTS

PART 1 - GENERAL

1.01 GUIDE INCLUDES

- A. Unit Ventilators (see execution below)
- B. Exhaust and Fresh Air vents including brick vents.

ARCHITECT TO IDENTIFY EACH LOUVER AND VENT WITH A DESIGNATION REFERENCED TO THIS SPECIFICATION SECTION.

1.02 QUALITY ASSURANCE

- A. Comply with AMCA and SMACNA applicable standards.
- B. Coordinate with mechanical contractor and engineer to ensure that aesthetics and operation requirements are compatible.

PART 2 PRODUCTS

2.01 MANUFACTURERS, PROVIDING PRODUCTS MANUFACTURED WITHIN A 500-MILE RADIUS OF PROJECT SITE

- A. The Airlite Co./div. Greenheck
- B. Construction Specialties, Inc.
- C. Industrial Louvers, Inc.
- D. Airstream Products Div of Penn Ventilator Co.

2.02 MATERIAL

- A. Extruded aluminum for louvers, louver screens and vents.

2.03 ACCESSORIES

- A. Exterior louver with following screens:
 - 1. Exterior louver face: 1/2 inch mesh bird screen of 0.080 inch dia. (12ga) aluminum wire.
 - 2. Interior louver face: 18x14 mesh insect screen of 0.012 inch dia. aluminum wire.
- B. Each screen to be mounted in extruded aluminum frame with recessed fasteners finished to match louver.

PART 3 EXECUTION

UNIT VENTILATORS' DUCTED CONNECTIONS TO ARCHITECTURAL WALL LOUVERS MUST BE FULLY INSULATED. SHOW VERTICAL AND HORIZONTAL SECTION DETAIL FOR TYPICAL UNIT VENTILATOR INSTALLATION.

PROVIDE STRUCTURAL EXTENSIONS FOR BRICK VENT.

END OF SECTION