

SECTION 15832ROOF VENTILATORSPART 1 - GENERAL1.1 DESCRIPTION

- A. Work Included: Furnish and install roof ventilators as shown on the Drawings and as herein specified.
- B. Related Work Specified Elsewhere: "HVAC - General" is specified in this Division.

1.2 QUALITY ASSURANCE

- A. Acceptable Manufacturers:
 - 1. Penn-Ventilator, Inc. "Airette"
 - 2. Louvers & Dampers, Inc.
 - 3. American Warming and Ventilating.

PART 2 - PRODUCTS2.1 MATERIALS

- A. Low Profile Rectangular:
 - 1. Hood and base:
 - a. Formed aluminum cross broken for adequate element run-off, Hood shall be hinged. Screwed hoods are unacceptable.
 - b. Properly braced to withstand wind and snow loads.
 - c. Undercoated with insulating mastic.
 - d. All joints shall be fastened by means of extruded aluminum splice members heliarch welded.
 - e. Finish: Standard mill.
 - f. Throat size shall be as indicated on the Drawings.
 - 2. Furnish aluminum weather and insect screen.
 - 3. Roof Curb:
 - a. Furnish unless concrete curb is constructed integral with roof.
 - b. 12 inch high galvanized steel or aluminum construction.
 - c. Inside shall have 1 inch minimum of semi-rigid insulation with aluminum liner.
 - d. 2 inch x 2 inch treated wood nailer when required and 3 inch x 3 inch integral cant or selfflashing style.
 - e. Sealed and welded corner support angles.
 - 4. Back Draft Damper:
 - a. Furnish where indicated on the Drawings.
 - b. 14 Ga. aluminum frame and blades.
 - c. All welded construction.
 - d. 1/2 inch aluminum shaft.
 - e. Adjustable counterweights or springs.

- f. Polyurethane or other suitable material blade edge and end seals.
- g. Size to fit throat of ventilator curb.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install as shown on the Drawings and using manufacturer's recommendations.
- B. Adjust damper counterweights for proper operation.
- C. Install as job progress requires to insure proper flashing and counter flashing.

3.2 CLEANING

- A. Clean roof ventilators of grease, tar and dirt to the satisfaction of the Engineer.

END OF SECTION