SECTION 23 3714
LOUVERS AND VENTS

PART 1 - GENERAL

1.1 SUMMARY

A. Includes But Not Limited To:
   1. Furnish and install louvers connected to ductwork as described in Contract Documents.

B. Products Supplied But Not Installed Under This Section:
   1. Architectural louvers not connected to ductwork.

C. Related Sections:
   1. Section 06 2001: Installation of architectural louvers not connected to ductwork.
   2. Section 23 3001: General Duct Requirements.

PART 2 - PRODUCTS

2.1 MANUFACTURED UNITS

A. Louvers:
   1. General:
      a. Extruded aluminum, with blades welded or screwed into frames.
      b. Frames shall have mitered corners.
      c. Louvers shall be recessed, flanged, stationary, or removable as noted on Drawings.
      d. Finish:
         1) Polyvinyledene Fluoride (PVF₂) Resin-base finish (Kynar 500 or Hylar 5000) containing
            70 percent minimum PVF₂ in resin portion of formula. Thermo-cured two coat system
            consisting of corrosion inhibiting epoxy primer and top coat factory applied over
            properly pre-treated metal.
         2) Color as selected by Architect from Manufacturer's standard colors.
   2. Louvers Connected To Ductwork:
      a. 1/2 inch 13 mm mesh 16 ga 1.59 mm aluminum bird screen.
      b. Category Four Approved Products. See Section 01 6000 for definitions of Categories.
         1) L-10SLXKB45 by Air Control Products.
         2) K638 by Airolite.
         3) LE48 by American Warming & Ventilating.
         4) EA-405 by Arrow United Industries.
         5) FKDA by Carnes.
         6) X4K4 by Cesco.
         7) 455-XP-S by Industrial Louvers.
         8) ELF81S30 by Ruskin.
         9) 2740-31 by Vent Products.
         10) EX-WPL by Wonder Metals. Architectural Louvers:
            a. Aluminum bug screen.
            b. Category Four Approved Products. See Section 01 6000 for definitions of Categories.
               1) T608 by Airolite.
               2) LE57 by American Warming & Ventilating.
               3) Equals by Air Control Products, Arrow United Industries, Carnes, or Industrial Louvers
                  as approved by Architect before installation. See Section 01600.
2.2 MANUFACTURERS

A. Contact Information:
   1. Air Control Products, Salt Lake City, UT (800) 245-2252 or (801) 262-9933.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Anchor securely into openings.

B. Where louvers touch masonry or dissimilar metals, protect with heavy coat of asphaltum paint.

END OF SECTION