

SECTION 12 21 16

VERTICAL LOUVER BLINDS

PART 1 - GENERAL

1.01 DESCRIPTION

- A. Furnish and install vertical louver blinds, mounting hardware, and accessories for a complete installation.

1.02 SUBMITTALS

- A. Product Data: Furnish product data and installation instructions. Include methods of installation for each kind of opening and supporting structure.
- B. Shop Drawings: Shop location and extend of blinds. Show installation details and relationships to adjoining work. Indicate location of blind controls.
- C. Furnish schedule of all units to be furnished, including field measurements at each location.
- D. Samples: For verification purposes, furnish 12-inch long louver for each color, texture, and pattern required.

1.03 QUALITY ASSURANCE

- A. Installer Qualifications: Engage an experienced installer who has specialized in installing vertical louver blinds similar to those required for this Project.
- B. Single-Source Responsibility: Obtain vertical louver blinds from one source of a single manufacturer.

1.04 PROJECT CONDITIONS

- A. Field Measurements: Check openings by field measurements before fabrication. Show recorded measurements on shop drawings. Coordinate fabrication schedule with construction progress to avoid delay.

PART 2 - PRODUCTS

2.01 APPROVED MANUFACTURERS

- A. Levolor Corp. or approved equal.

2.02 MATERIALS AND FABRICATION

- A. Vanes: Perforated.
 - 1. Nominal Vane Width: 3-1/2-inches.
 - 2. Vane Material: Vinyl.
 - 3. Vane Profile: Flat.
- B. Vane Directional Control: Cord or chain.
- C. Traversing Control: Manual with cord or chain.
- D. Bottom: Connecting or spacing chains.
- E. Valance: To match color of vanes.

- F. Color: Off-white as approved by the County's Representative.
- G. Unit Sizes: Obtain units fabricated in sizes to fill window and other openings as follows:
 - 1. Blind Units Installed Between Jambs: Width and length equal to 1/2-inch less than opening dimensions formed by jamb, head, and sill members of opening in which each blind is installed.
 - 2. Blind Units Installed Outside Jambs: Width and length as required, with terminations between blinds of end-to-end installations at centerlines of mullion or other defined vertical separations between openings.
- H. Vane Spacing: Overlapped for light exclusion when in fully closed position.
- I. Installation Fasteners: Not less than two fasteners per bracket, fabricated from metal non-corrosive to blind hardware and adjoining construction and to support blind units under conditions of normal use.

PART 3 - EXECUTION

3.01 EXAMINATION

- A. Examine openings where vertical louver blinds will be installed. Verify that critical dimensions are correct and surface conditions acceptable.
- B. Do not proceed with installation until unsatisfactory conditions have been corrected.

3.02 INSTALLATION

- A. Install blinds level, plumb, and located so that exterior vane edges in any position are not closer than 1-inch to interior face of glass lites.

3.03 CLEANING

- A. After completing the installation, clean blind surfaces according to the manufacturer's instructions.
- B. Remove surplus materials, packaging, rubbish and debris resulting from the installation. Leave areas where installation occurred neat, clean, and ready for use.

END OF SECTION