



LouverDrape® Zirlon® Wheeled System

Versatile top quality vertical headrail system for commercial office applications.

PART I – GENERAL

1.01 SCOPE

A. Furnish and install LouverDrape blinds, provided by Levolor, 4110 Premier Drive, High Point, NC 27265, in accordance with specifications, drawings, and contract documents.

B. Related work specified elsewhere.

1.02 QUALITY ASSURANCE

A. Installer's qualifications:

1. The installer shall be a firm approved by Levolor's Contract Division.

2. The installer shall be qualified to install the product specified, as demonstrated by prior experience.

B. Job mock-up: (Describe)

1.03 SUBMITTALS

A. Product information: Submit Levolor's product literature and installation instructions.

B. Shop drawings: Indicate field-measured dimensions of opening which are to receive blinds, details on mounting surface and sill conditions, and details of corners and conditions between adjacent blinds.

C. Color samples: Submit a sample of each type and color of material specified.

1.04 DELIVERY, STORAGE, AND HANDLING

A. Packing and Shipping

1. Materials shall be delivered to the project in Levolor's original unopened packaging with labels intact.

B. Storage:

1. Materials shall be stored in a clean area which is free of corrosive fumes, dust, and away from construction activities.

2. Materials shall be stacked horizontally using plastic or wood shims such that drainage and ventilation are provided for, and such that water cannot accumulate in, about or upon the containers.

3. Stacks shall be covered with tarpaulins or plastic such that ventilation is provided for, and such that contaminants are prevented from contacting surfaces.

1.05 PROJECT/SITE CONDITIONS (BEFORE PRODUCT INSTALLATION BEGINS)

A. Roof must be tight, windows and frames installed and glazed, and interior doors hung.

B. Wet work including concrete, masonry, plaster, stucco, terrazzo, sheetrock, spackling, and taping (including sanding) shall be complete and dry.

C. Ceilings, window pockets, electrical, and mechanical work above the product shall be complete.

D. Electrical power (110 volt AC) shall be available for installer's tools within 500 ft. of product installation areas.

1.06 WARRANTY

A. One Year Limited Warranty: Levolor Contract shall repair or replace for one year from the date of purchase of the blind, at its option, without charge, any part found defective in workmanship or material as long as the blind remains in the same window for which it was purchased.

reduce draw force. No glides or sliders shall be allowed. The vane stem shall be of snap-out design to yield when subjected to interference without damage to the blade or any part of the carriage assembly.

3. Spacer links of flexible stainless steel 1/4" wide shall space and stabilize carriers by passing smoothly between stabilizer guides on each carrier.

4. Vanes shall rotate 360 degrees and pack, when traversed, into no more than 5/16" per vane. When rotated, 3-1/2" vanes shall overlap not less than 3/8".

5. Rotation mechanism shall consist of a #6 nickel-plated bead chain to synchronize and actuate 360° rotation by turning a keyed aluminum rod actuating Delrin® worm and spur gear in each carrier. Gears shall provide no less than 8-to-1 mechanical advantage and keep vanes fixed until reset by control. No cord or 1-to-1 ratio mechanisms will be allowed. Spur and worm gear shall slip under extreme loading and be able to be realigned with no damage.

6. Traversing mechanism shall allow vertical blinds to traverse left to right, right to left or split. Blinds shall traverse by means of a non-stretch traverse cord. With the AutoWand™ option, vertical blinds shall traverse left to right or right to left by means of a composite plastic wand.

7. End Caps: Control and return end cap assemblies shall be molded to match aluminum extrusion profile and provide contemporary aesthetic appearance.

8. Installation Brackets shall be provided for overhead or surface installation using thumb clamps and angle brackets. Brackets shall be designed to facilitate installation and removal of track.

9. Vane spacing: A stainless steel spacer arm integral with the carriage body shall be used to provide visually uniform vane spacing when the blind is fully drawn. Normal vane spacing on center is a fraction

PART II – PRODUCTS

2.01 MANUFACTURER AND PRODUCT DESCRIPTION:

A. Levolor Zirlon Wheeled System Vertical Blind Headrail System manufactured by Levolor.

B. Materials:

1. Headrail shall be of extruded anodized aluminum alloy 1-5/16" wide x 1-7/16" high with capped ends, provided with Delrin®, or equal, sprocket wheels. End caps shall be equipped with covers to enclose sprockets and rotation rod ends and rollers for traverse cords.

2. Carriers shall be made of Delrin®, 5/16" wide and traverse on Zirlon wheels to

of an inch less than the vane size. For example:

Vane width: 3-1/2" Spacing on center 3-1/8"

10. Vanes shall be selected from the following (select one): Control location and Stack Draw should be specified.

a. Vanes shall be extruded of 100% GEON solid vinyl or equal. The vinyl shall also contain ultra violet inhibitors. Calcium carbonate content will not exceed 15% on standard colors. Vanes shall withstand 140° heat chamber for thirty minutes without distortion, and with no more shrink and stretch than 1/2 of 1%. A ten-foot vane suspended from the center of one end shall hang straight with no twist, warp or bow. Vanes shall be permanently flame resistant, if unaltered. Certificate of flame resistancy must be provided.

Vanes shall be selected from the following styles:

- Solid flat
- Solid curved
- Narrow ridged flat
- Narrow ridged curved
- Wide ridged curved
- Perforated (various openness factors available)

An optional key hole punch with a corrosion-free chain may be specified to control swaying and keep unit functioning as a whole.

b. Fabric vanes shall be available in two styles:

I. Free hanging: Vanes shall be free hanging woven or slit to 3/2" wide and color fast. Vanes shall have a steel weight inserted into a sewn pocket at bottom of vane. An optional clip-on corrosion-free, nickel plated steel chain shall be attached to weights to control swaying and keep unit functioning as a whole (if specified). Certificate of flame resistancy must be provided.

II. Groover: Vanes shall be of color-fast fabric slit to appropriate width, slid into groover channel. Groover shall be extruded of 100% GEON vinyl or equal and shall be guaranteed not to crack or yellow for six years. Groovers should have clear edges that hold fabric in place. Certificate of flame resistancy must be provided.

11. Options shall include:

a. Zirlon® with AutoWand™: additional specifications include:

I. AutoWand™ Rotation consists of a fiberglass wand with Lexan handle to synchronize and actuate 360 degree rotation through a keyed aluminum rod actuating Delrin® worm and spur gear in each carrier. Gears shall provide not less than 8-to-1 mechanical advantage and keep vanes fixed until reset by control. No cord or 1-to-1 ratio mechanism will be allowed. Spur and worm gear shall slip under extreme loading and be able to be realigned with no damage.

II. Traversing of vertical blinds shall be left to right or right to left. A fiberglass wand with Lexan handle shall traverse the lead carrier and gear assembly.

3.03 CLEANING

A. Vacuum fabric vanes lightly with brush attachment on a regular basis. Stains may be spot cleaned by sponging gently with mild detergent or fabric cleaner. Ensure proper drying following cleaning by providing adequate ventilation.

B. Clean soiled aluminum and PVC vanes by wiping clean with only a mild liquid detergent soap solution and water. Window cleaner or cloths with paper content should not be used on aluminum vanes. Do not use abrasive cleansers. Ensure proper drying following cleaning by providing adequate ventilation.

PART III – EXECUTION

3.01 INSPECTION

A. Window treatment subcontractor shall be responsible for inspection of site, field measurements, and approval of mounting surfaces and installation conditions.

B. Subcontractor shall verify that site is free of conditions that interfere with blind installation and operation, and shall begin installation only when any unsatisfactory conditions have been rectified.

3.02 INSTALLATION

A. Installation shall comply with Levolor specifications, standards, and procedures.

B. Provide support brackets as per Levolor's installation instructions.

C. See installation instructions packaged with blinds for more installation details.

D. Provide adequate clearance to permit unencumbered operation of blind and hardware.

E. Demonstrate blinds to be in uniform and smooth working order.



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Contract Customer Service
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