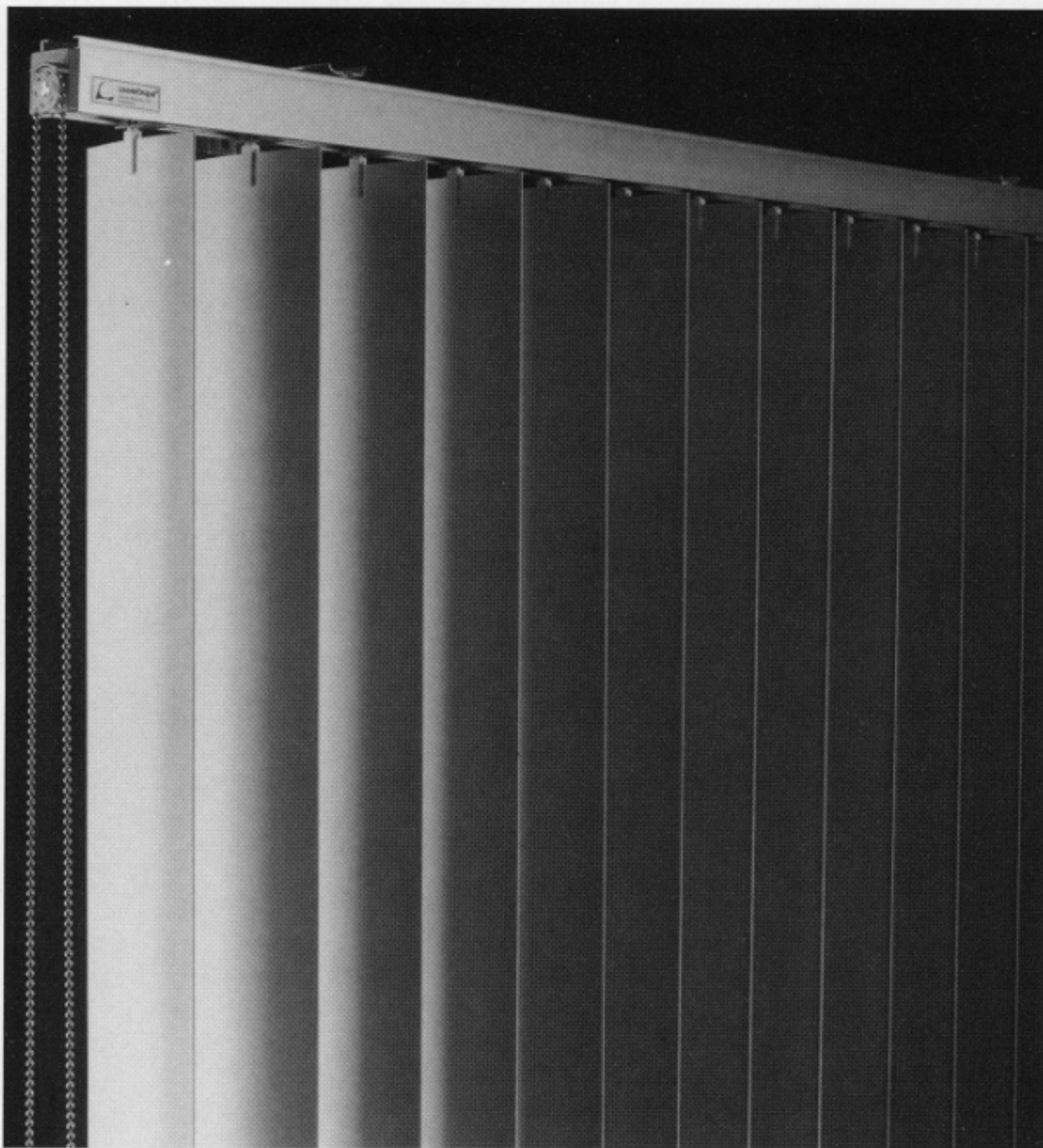




MRNT VERTICAL BLIND

An economical non-traversing vertical blind headrail system for window and skylights in commercial applications.



Key Features:

- Rotation only control
- Available with top and bottom rail
- 180° rotation
- One Year Warranty
- Curved and Arched options available

Product Overview

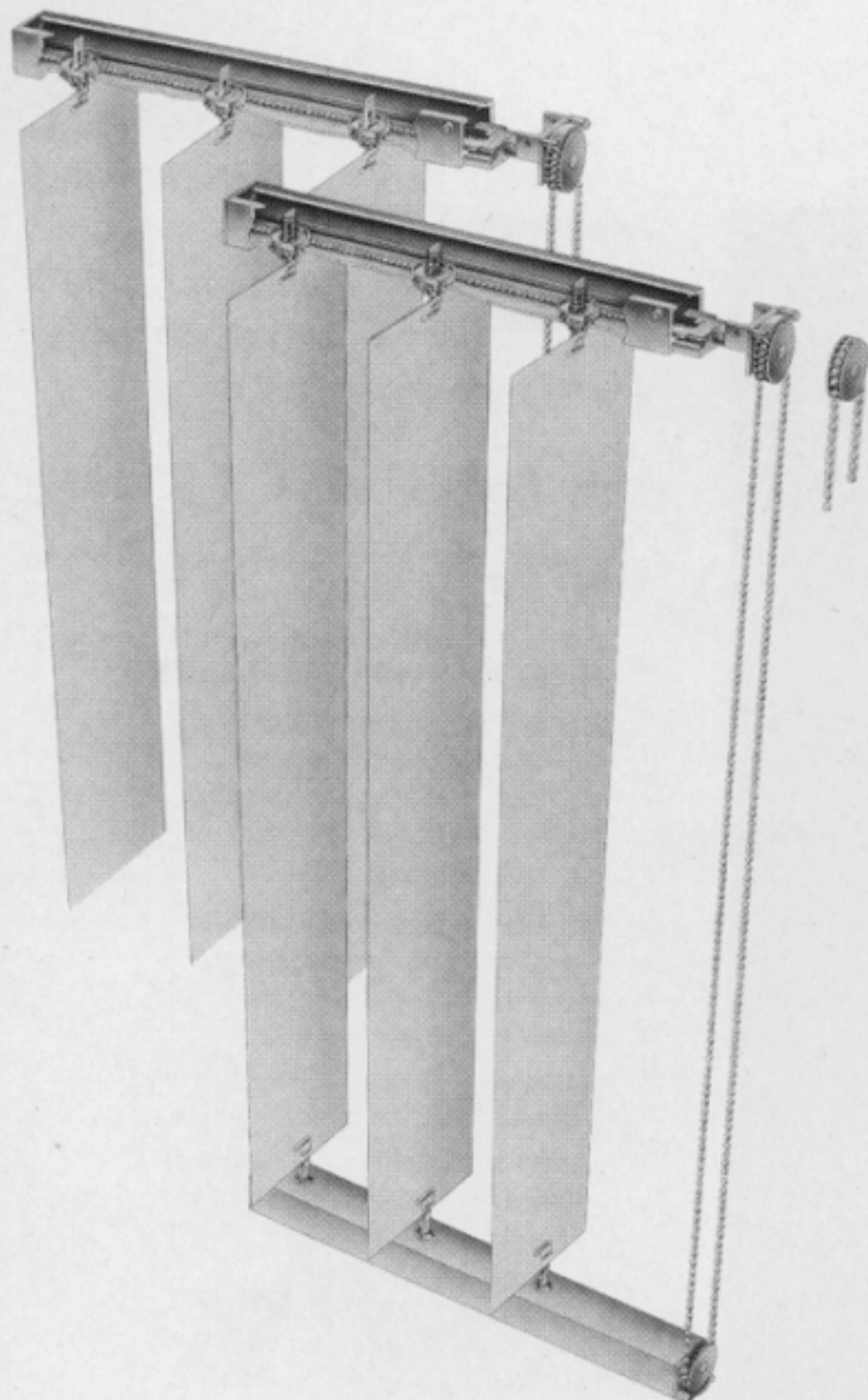
The vanes on the LouverDrape MRNT headrail rotate 180°, but do not traverse. The MRNT vertical blind system is ideal for applications requiring light and privacy control without the necessity of traversing vanes from side to side. Rotation is achieved using a rack and pinion mechanism instead of a carrier and worm gear.

Available standard for headrail only installations, the MRNT is also available with a dual rail option for top and bottom rail installation. To reduce maintenance costs in dual rail applications, both top and bottom rail come with thumb clamp installation brackets and flexible bead chain controls for easy window cleaning.

The non-traversing design of the MRNT allows for maximum design flexibility with specialty options for today's popular curved windows and arched top windows.

The MRNT Headrail System is compatible with LouverDrape's entire line of vinyl, vinyl with fabric insert, perforated vinyl and fabric vanes. In addition to the standard 3 1/2" wide vanes, the MRRS system can also accommodate 2 1/8" mini-verticals in three styles of pearl and matte colors. This narrower vane is especially effective for smaller windows and interior relites.

MRNT VERTICAL BLIND



Product Specifications

For more detailed specifications please reference MRNT product Guide Specifications.

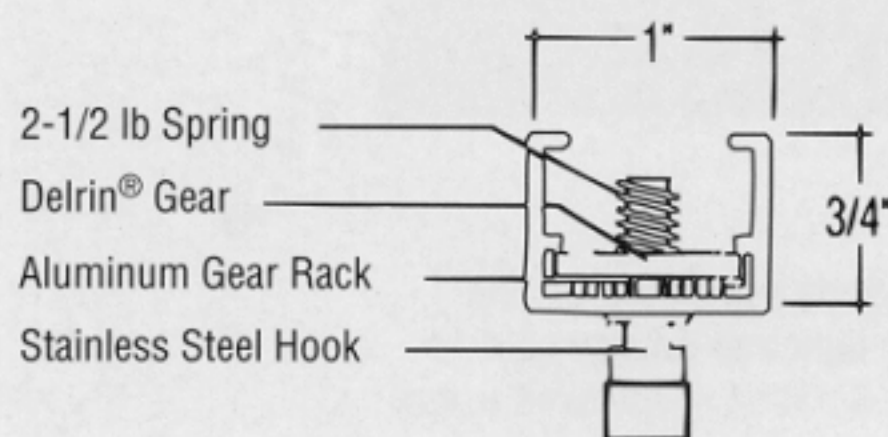
Part II — Products

A. MRNT Vertical Blind manufactured by Levolor Home Fashions

B. One Year Warranty

C. Materials:

- ☐ **Headrail** and bottom rail shall be of anodized extruded aluminum alloy 1" wide by 3/4" high. Headrail finish shall be (select one):
 - a. Clear anodized aluminum.
 - b. Custom color (quoted upcharge).
- ☐ **Gear Assembly** shall be non-traversing. Optional top and bottom channel model shall hold vanes at 2 1/2 lb. spring tension.
- ☐ **Gear Rack** shall be extruded aluminum alloy with evenly spaced teeth that actuate precision made gears of Delrin.
- ☐ **Rotation Control** shall allow vanes to rotate 180°, remain parallel to each other and rotate in unison.
- ☐ **Installation Brackets** shall be provided for recessed overhead, wall or ceiling installation using the following. A special recessed lift-out clamp is also available.
 - a. Thumb clamps.
 - b. Angle brackets.
 - c. Screws.
- ☐ **Vanes** shall be (select one):
 - a. Extruded PVC nominally 2 1/8" wide. Perforated option available.
 - b. Extruded PVC nominally 3 1/2" wide. Perforated option available.
 - c. Fabric nominally 2 1/8" wide.
 - d. Fabric nominally 3 1/2" wide.



LouverDrape®

Levolor Home Fashions
Contract Division
4110 Premier Dr.
High Point, NC 27265
1-800-221-6803

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Contract Customer Service
1-800-826-8021

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MRNT VERTICAL BLIND

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PART I – GENERAL

1.01 SCOPE

- A. Furnish and install LouverDrape blinds, provided by Levolor Home Fashions, 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 Home Fashions 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 LouverDrape 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 LouverDrape'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 Home Fashions Contract Division 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.

PART II – PRODUCTS

2.01 MANUFACTURER AND PRODUCT DESCRIPTION:

- A. Acceptable product: LouverDrape MRNT Vertical Blind Headrail System manufactured by Levolor Home Fashions.

B. Materials:

1. Headrail and bottom rail shall be of satin anodized extruded aluminum alloy 1" wide by 3/4" high. Capped ends shall be of heavy duty, zinc die castings which shall contain metal or Delrin sprocket wheels for rotation. A special recessed lift-out clamp is also available.

2. Gear assembly shall be non-traversing, rotation only, and on blinds with dual rail option shall hold vanes at 2 1/2 lb. spring tension.

3. Gear rack shall be extruded aluminum alloy with evenly spaced teeth that actuate precision made gears of Delrin.

4. Vanes shall rotate 180 degrees, remain parallel to each other and rotate in unison. When rotated, 2 1/8" vanes shall overlap not less than 3/8", 3 1/2" vanes shall overlap not less than 3/8".

5. Rotation mechanism shall allow vanes to rotate a full 180°. With top and bottom rail option, mechanism in each rail shall be synchronized by a #6 or #10 nickel-plated bead chain, actuating sprocket wheels which are attached to a lead screw drive and gear rack providing an 18-1 mechanical advantage.

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

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

8. Vane spacing: Normal vane spacing on center is a fraction of an inch less than the vane size. For example:

Vane width: 2 1/8" Spacing on center 1 3/4"
Vane width: 3 1/2" Spacing on center 3 1/8"

9. 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 and 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 retardancy must be provided.

Vanes shall be selected from the following widths and styles:

- i. Widths:
 - nominally 2 1/8" wide
 - nominally 3 1/2" wide
- ii. 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 2 1/8" or 3 1/2" (select one) 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. EverClear Louver 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 edged that hold fabric in place. Certificate of flame resistancy must be provided.

10. Options shall include:

- a. Top and bottom rails.
- b. Curved head and bottom rails. Headrail and bottom rail are notched by the manufacturer to allow rails to be curved

on site during installation to conform to exact curvature of window.

c. Gothic arched headrail. Available with dual rail option only.

d. Headrail color: Anodized aluminum is the standard headrail color. Custom painted colors are available at an additional charge.

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.

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.

LevolorDrape

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