

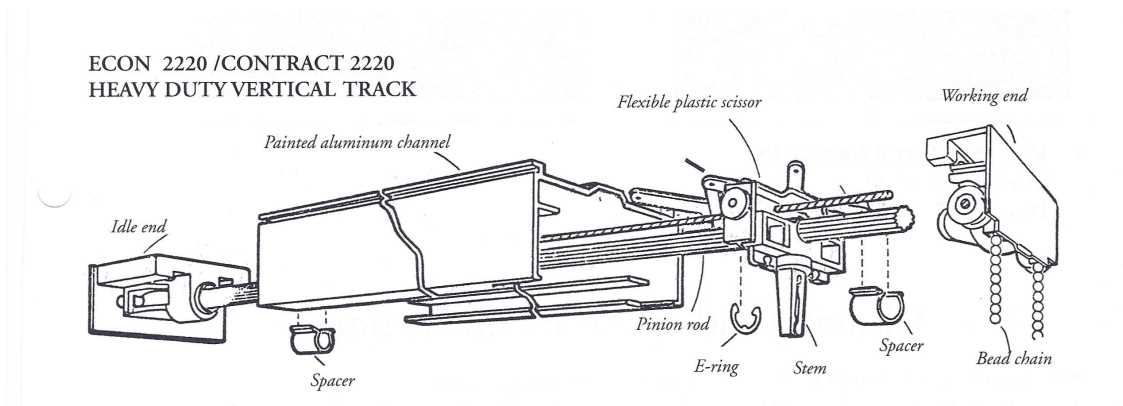
## PRODUCT FEATURES



When considering a vertical track for those budget-influenced projects, Contract 2220 just might be the answer to help keep the budget manageable. Even though Contract 2220 is economical, quality and dependability are not sacrificed. Every component that goes into Contract 2220 says heavy duty from the standard wheeled carrier with replaceable stems to the recessed planetary-geared controls that provide smooth operation. Options aren't a problem; you can add the new "all in one control" at no additional charge. Contract 2220's extruded aluminum channel is available with a white painted finish eliminating the need for valances when the head channel is in view. Installation is a snap with the steel spring-loaded brackets. To keep things safe, Contract 2220 is backed by a limited lifetime warranty.

- Anodized heavy walled extruded aluminum channel
- Flexible acetyl plastic scissor system
- FR Certified - NFPA 701 small scale capabilities
- Wheeled carriers with removable stems and equal spacing
- All in one controls standard
- Limited Lifetime Warranty
- Recessed operating controls
- Lead free

## PRODUCT DRAWING



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## SPECIFICATIONS

### HEADRAIL

Head channel shall be a one-piece 6063-T5 primary extrusion with a clear anodized finish applied to the surface. Wall thickness shall be .040 (+/- .006). Channel dimensions shall be 1 15/16" wide by 1 5/16" high.

### TRAVERSING MECHANISM

Vertical louver traversing shall be available in either one-way or two-way draw. Louvers shall be traversed by means of a lead carrier activated by a cord and freewheeling pulley system. Cord design consists of a reinforced fiberglass core coated in plastic with a polyester jacket.

a. Optional All-In-One wand control is available for operation of both the traversing and rotation of louvers. This system is activated when the aluminum control wand is drawn the length of the channel to traverse louvers or wand is twisted circularly to rotate louvers.

### ROTATION MECHANISM

A #10 nickel-plated bead chain activates a planetary gear system. An extruded aluminum pinion rod spanning from the drive-end to the idle-end turns upon the chain being drawn, transferring the rotation force from the gear assembly to each carrier. A Celon acetyl plastic rack and spur gear moves each carrier simultaneously, synchronizing and actuating all louvers to turn a full 180 degree rotation. The gears provide an 8 to 1 mechanical advantage and keep louvers fixed.

### CARRIERS

Each carrier will be 1" wide and traverse on Duracon acetyl plastic wheels to reduce draw force. Each carrier has a detachable replaceable acetyl plastic stem centered in the head channel to secure the louver. Carriers shall incorporate Auto-Rotate system, unless otherwise requested. Auto-Rotate is a preventative mechanism that automatically rotates vanes to the open position, when vanes are traversed in the closed position. This system averts potential carrier damage from jamming.

### LOUVER SPACING

Available in 3" and 2" width (2" is available in PVC only). A flexible acetyl scissor system shall space and stabilize each carrier by passing smoothly between special stabilized guides. In the closed position, louvers will overlap approximately 3/8". The scissor system is designed to equally space louvers and minimize the draw force required to traverse the louvers. Louver spacing begins across all louvers once the traverse mechanism is activated.

### LOUVERS

Louvers will rotate 180 degree and when traversed will stack into approximately 7/16-inch per louver. Overlap for both 3 1/2-inch and 2-inch widths is approximately 3/8-inch. Louvers shall be nominally 3-inch in width (2-inch is available in PVC only). Materials available will include fabric (both fire resistant and non fire-resistant), aluminum, vinyl (PVC, poly-vinyl chloride) and channel panel (PVC) with a clear edged groove (which allows for a fabric vane to be inserted).

a. Fabric Louvers; when f.r., shall have a certificate of flame resistance from the manufacturer. Fabric louvers shall be sewn on three sides at the bottom with clear monofilament nylon thread for inserting a louver weight. An optional chain and clip shall be available for connecting to each adjacent louver weight.

b. Aluminum louvers are composed of virgin aluminum alloy for maximum strength, flexibility and resistance to corrosive elements. Before painting, aluminum louvers shall have a pre-coated treatment to adhere and bond baked polyester enamel.

c. Standard 3-inch width curved vinyl (PVC) louvers shall be composed of virgin Geon pellets, extruded to a gauge of .030 (+/- .0003), beaded on each side to no less than .050-inch.

d. Channel panel (PVC), 3 1/2-inch in width louvers shall be formed of virgin Geon pellets extruded to a gauge of .030 (+/- .0003), with a 1/4-inch clear edge groove on each side which permits a fabric vane to be inserted.



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e. Valance with integral dust cover shall be made of a composite polyvinyl chloride (PVC), extruded to a gauge of .032 (+/- .0002), with a 1/4-inch clear plastic groove on each side, which permits a fabric, aluminum or PVC vane to be inserted. Returns are provided for outside installations and are available upon request for inside installations. For outside installations plastic mounting clips are provided.

#### **BRACKETS**

Heat treated, zinc plated steel brackets are designed to facilitate installation and removal of the head channel. All necessary hardware shall be included to secure attachment of brackets to adjoining construction and head channels. The brackets are designed to support the weight of the vertical blind plus the forces necessary to operate them.

#### **PACKAGING**

Corrugated 44 ECT cardboard packaging consists of 100% recycled material that is also 100% recyclable (a letter of compliance is on file for LEED qualifying projects).

#### **GUARANTEE**

Signature Series/ Excel C-2200 shall be manufactured exempt of any sharp edges, burrs or other defects. Joseph Allen will extend a limited lifetime warranty on head channel and a 3 year limited warranty on vertical vanes for every vertical blind that is properly installed is guaranteed to be free from defective components for the warranty duration, as long as the blind remain in the same window as originally installed. This obligation is limited to repair and replacement of components found defective. This guarantee does not include any conditions resulting from damages caused by accidents, alterations, misuse, abuse, or failure to follow instructions with respect to cleaning or maintenance.



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