

Olympus Side-cabled Sunshade

Definition:

An exterior grade shade system consisting of a PVC mesh fabric shade panel, a roller tube and an aluminum frame to house and guide the shade. The mesh fabric will generally have sufficient openness to allow for outward visibility and yet provide excellent control over both heat and solar glare. The system is designed for use in standard vertical applications. A weighted bottom rail slides up and down on a stainless steel cable at either side of the panel and provides sway control in breezy conditions. The shade is controlled by exterior or interior hand crank, interior tape pull, hard-wired or radio-remote motor.

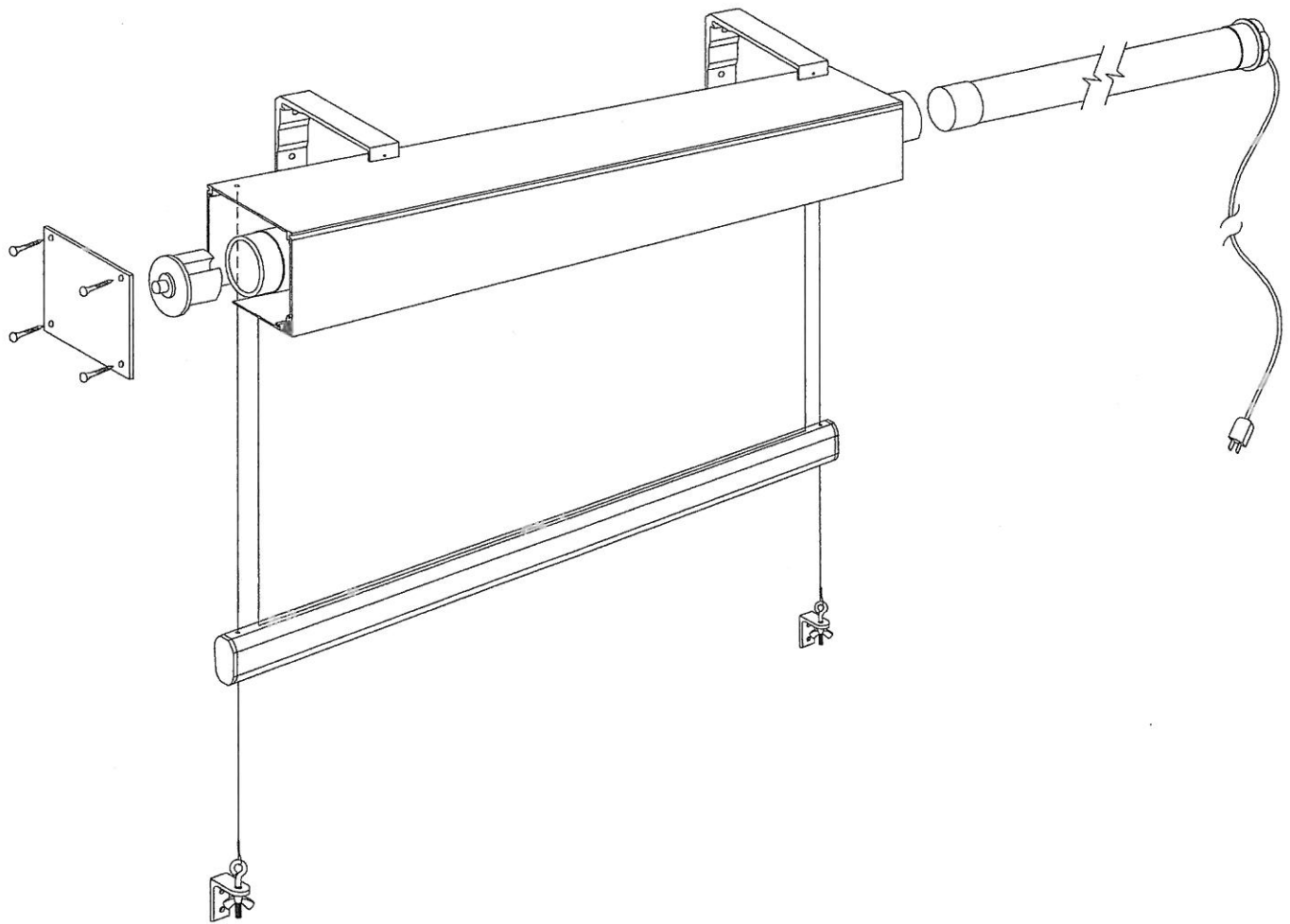
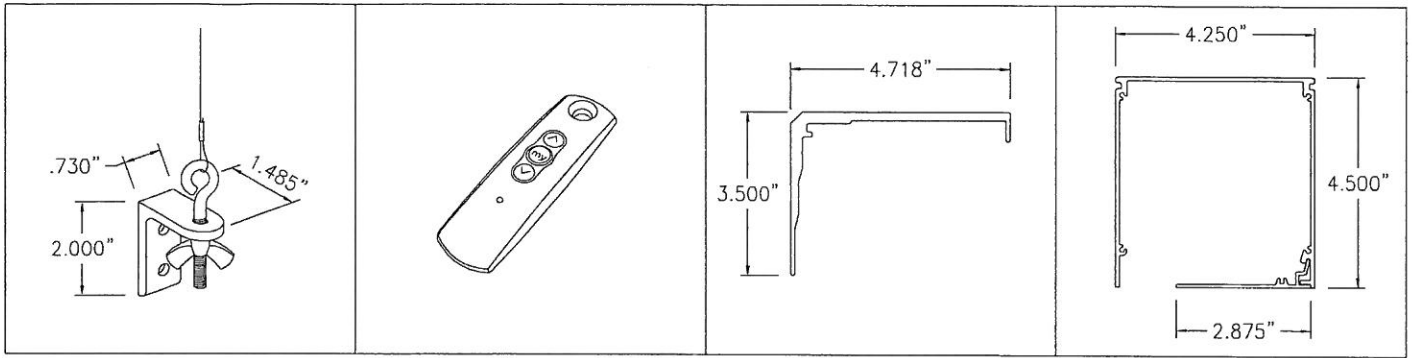
Specifications:

1. Hood: .086" extruded aluminum with baked-on enamel finish. 4.25" drop and 4.5" in height. Screw-on end caps and bottom cover.
2. Hood Brackets: Universal wall/ceiling mount design with lock-in screw at front. Extruded aluminum at 0.16" thickness.
3. Side Cable: 3/32" stainless steel cable. Aluminum "L" bracket tensioner with stainless screw eye and wing nut hardware.
4. Bottom rail: .086 extruded aluminum in baked-on enamel finish. 0.68" x 1.4" with radiused top and bottom. Void in center for iron weight bars. Screw-on end caps.
5. Roller Tube: extruded aluminum in diameters of 2", 2.3" and 3". Fabric is attached with PVC tolerant transfer tape and a minimum of 14" of safety wrap.
6. Controls:
 - a. Exterior crank: worm gear type in zamac casing – 5:1 ratio. Hook and eye drive to hand crank.
 - b. Interior crank: 5:1 worm gear as above. Through-the-wall square shaft to interior universal joint/socket mechanism.

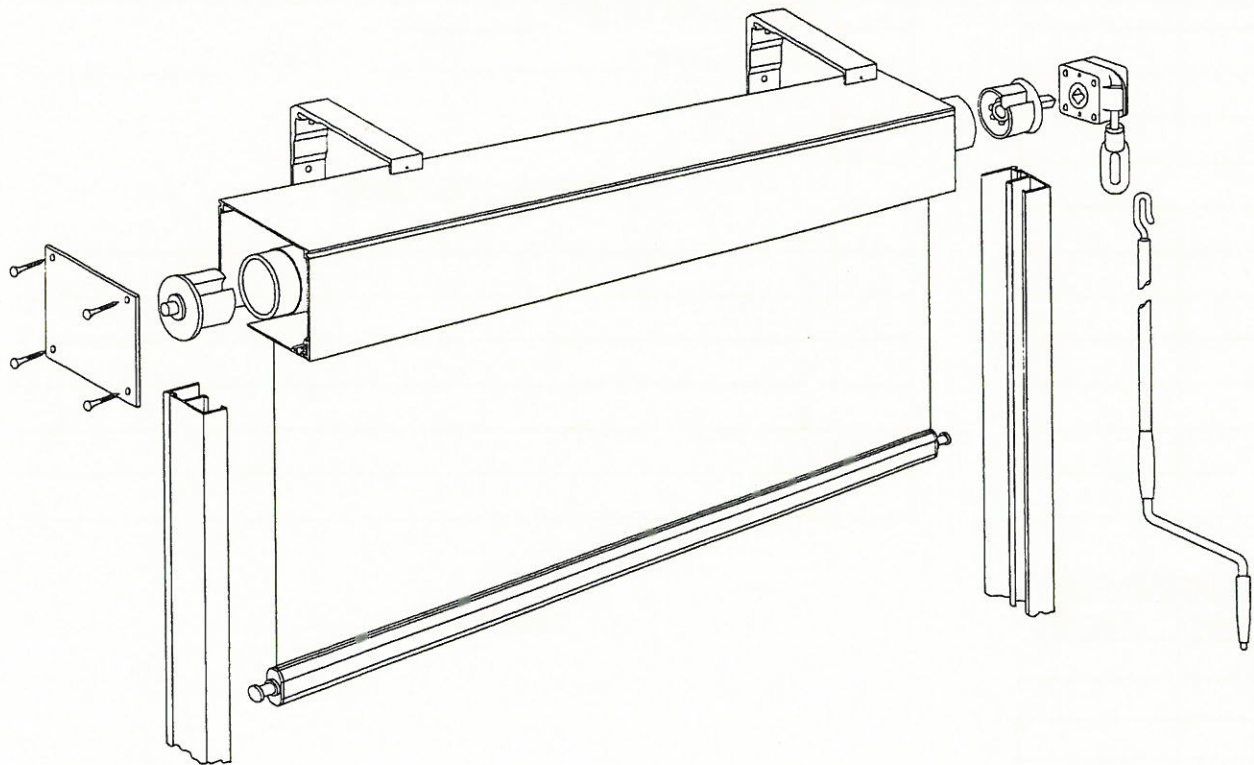
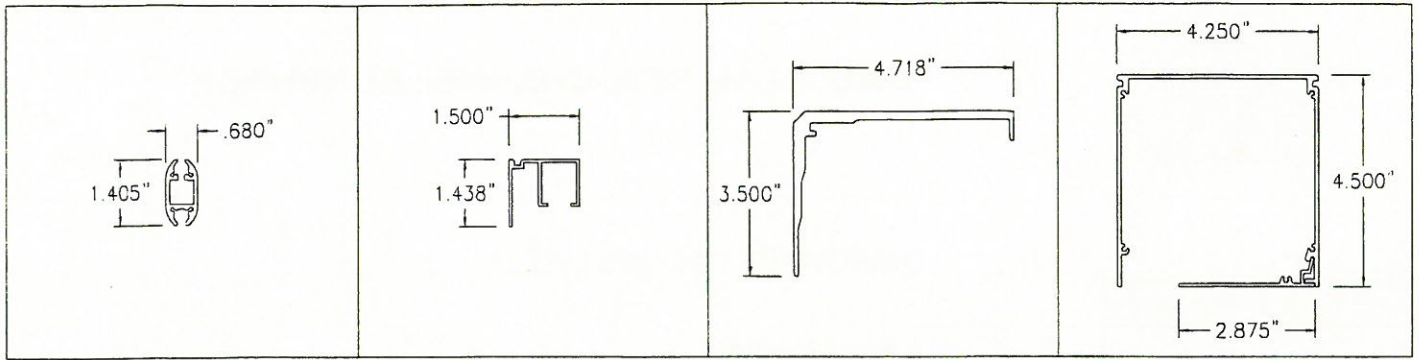
- c. Interior tape: Through-the-wall tape pull with a 1:1 pull ratio. Interior tape lock mechanism. 7/16" woven polyester tape with tassel.
- d. Motor, hard-wired: 1) motor shall be asynchronous capacitor start and run, single phase type 120V-60HZ, thermally protected, totally enclosed, brushless motor, equipped with permanently lubricated bearings requiring no maintenance. Motors may be 12V, 24V, 120V or 220V. 2) brake shall be a solenoid activated disc brake which shall automatically stop and hold load in any position without any slippage, whenever current to the motor is interrupted. 3) gearbox shall have planetary type gears, lubricated for lifetime service. 4) limit switches shall incorporate two external thumb screws to allow for exact setting of length of travel. Limit switch setting shall not be affected by roller tube travel.

Hard wired motors require a dedicated 4-conductor feed and cannot be parallel wired. Motors are switched by a single or double pole, double throw, center-off wall switch.

- e. Motor, radio-remote: mechanical specifications as above. Radio receiver embedded in motor. Control of motor and setting of top and bottom limits by hand-held or in-the-wall remote transmitter. Radio-remote motors require standard 120VAC power and can be parallel wired.
7. System Maintenance: There are no routine maintenance procedures associated with these shades other than keeping the fabric clean and free of detritus. Vegetation should not be allowed to contact the shades and insects, birds and rodents must not be allowed to nest in the hoods.



"OLYMPUS" CABLE GUIDED SUNSHADE



"CASCADIA" SIDE CHANNELED SUNSHADE

Cascadia Side-channeled Sunshade

Definition:

An exterior grade shade system consisting of a PVC mesh fabric shade panel, a roller tube and an aluminum frame to house and guide the shade. The mesh fabric will generally have sufficient openness to allow for outward visibility and yet provide excellent control over both heat and solar glare. The system is designed for use in standard vertical applications. A weighted bottom rail slides up and down in the side channel at either side of the panel and provides sway control in breezy conditions. The shade is controlled by exterior or interior hand crank, interior tape pull, hard-wired or radio-remote motor.

Specifications:

1. Hood: .086" extruded aluminum with baked-on enamel finish. 4.25" drop and 4.5" in height. Screw-on end caps and bottom cover.
2. Hood Brackets: Universal wall/ceiling mount design with lock-in screw at front. Extruded aluminum at 0.16" thickness.
3. Side Channel: .065" extruded aluminum in baked-on enamel finish. Dimensions: 1.5" x 1.44" with an integral mounting flange for face mounts. Glide-stops insert at bottom to prevent bottom rail from coming free.
4. Bottom rail: .086 extruded aluminum in baked-on enamel finish. 0.68" x 1.4" with radiused top and bottom. Void in center for iron weight bars. Screw-on end caps and ABS channel glides.
5. Roller Tube: extruded aluminum in diameters of 2", 2.3" and 3". Fabric is attached with PVC tolerant transfer tape and a minimum of 14" of safety wrap.
6. Controls:
 - a. Exterior crank: worm gear type in zamac casing – 5:1 ratio. Hook and eye drive to hand crank.
 - b. Interior crank: 5:1 worm gear as above. Through-the-wall square shaft to interior universal joint/socket mechanism.
 - c. Interior tape: Through-the-wall tape pull with a 1:1 pull ratio. Interior tape lock mechanism. 7/16" woven polyester tape with tassel.
 - d. Motor, hard-wired: 1) motor shall be asynchronous capacitor start and run, single phase type 120V-60HZ, thermally protected, totally enclosed, brushless motor, equipped with permanently lubricated bearings requiring no maintenance. Motors may be 12V, 24V, 120V or 220V. 2) brake shall be a solenoid activated disc brake which shall automatically stop and hold load in any position without any slippage, whenever current to the motor is interrupted. 3) gearbox shall have planetary type gears, lubricated for lifetime service. 4) limit switches shall incorporate two external thumb screws to allow for exact setting of length of travel. Limit switch setting shall not be affected by roller tube travel.

Hard wired motors require a dedicated 4-conductor feed and cannot be parallel wired. Motors are switched by a single or double pole, double throw, center-off wall switch.
 - e. Motor, radio-remote: mechanical specifications as above. Radio receiver embedded in motor. Control of motor and setting of top and bottom limits by hand-held or in-the-wall remote transmitter. Radio-remote motors require standard 120VAC power and can be parallel wired.
7. System Maintenance: There are no routine maintenance procedures associated with these shades other than keeping the fabric clean and free of detritus. Vegetation should not be allowed to contact the shades and insects, birds and rodents must not be allowed to nest in the hoods.