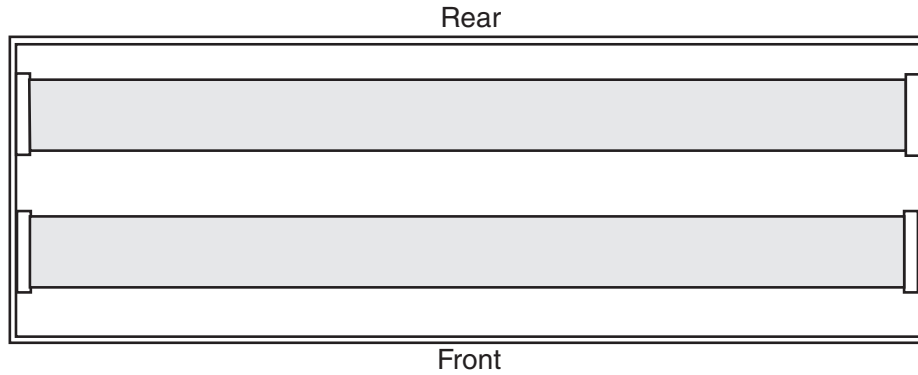


④ Will shade panels be coupled or individually controlled?

- Coupled Individually Controlled

⑤ Indicate number and placement of shades on rear roller, and number and placement of shades and/or Matt White screens on front roller (be sure to note shade fabric styles and colors (see back page for viewing surface specifications; see Draper's Shade Fabric Reference Sheet for shade fabric specifications and colors) and screen materials and sizes (refer to chart at right). Also indicate desired locations for couplers and junction boxes.



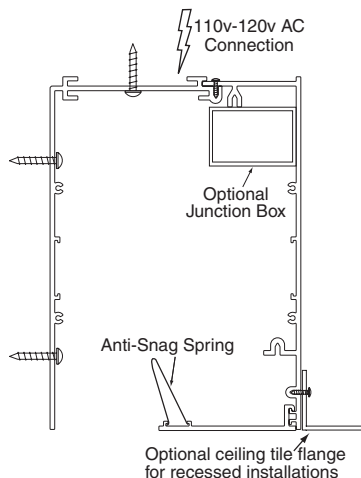
Please Note: Surfaces and fabrics can be placed anywhere in the headbox. Fabric or screen can be no closer than 13/16" to either end of the headbox.

⑥ If you are specifying a Matt White projection screen as part of this unit, please select from the following options:

- Overall Screen Size (height x width): _____
- Extra Drop (Total height cannot exceed 12'—10' if unit is provided with LightBloc)
Select white or black _____
Length of extra drop: _____
- Black Masking Borders (standard on NTSC Video format screens. These borders decrease the image width of AV format screens through 70" x 70" by 3", and by 4" on larger AV format screens; height is increased 1 1/2" through 70" x 70", and 2" on larger.)

⑦ Select Headbox Accessories:

- Junction Box
_____ # of Junction Boxes required (must be located inside headbox, above motor)
- End Caps
- Ceiling Tile Flange (for recessed installations—check all that apply)
- Flange on Front of Headbox
- Flange on Left End Cap
- Flange on Right End Cap



Access Dual Roller Screen sizes¹

AV Format Sizes

| Size H x W | Size H x W |
|---------------|---------------|
| 50" x 50" | 7' x 9' |
| 60" x 60" | 9' x 9' |
| 70" x 70" | 8' x 10' |
| 84" x 84" | 10' x 10' |
| 72" x 96" | 9' x 12' |
| 96" x 96" | 12' x 12' |

| Nominal Diagonal | Image Area H x W | Overall Size |
|---------------------|---------------------|-----------------|
|---------------------|---------------------|-----------------|

NTSC Video Format (3:4)

| | | |
|------|-------------------|-------------------|
| 6' | 42 1/2" x 56 1/2" | 46 1/2" x 59 1/2" |
| 7' | 50" x 66 1/2" | 53 1/2" x 69 1/2" |
| 100" | 60" x 80" | 64" x 83 1/2" |
| 10' | 69" x 92" | 73" x 96" |
| 11' | 78" x 104" | 83" x 108" |
| 150" | 87" x 116" | 92" x 120" |
| 15' | 105" x 140" | 109" x 144" |

HDTV Format (9:16)

| | | |
|-------------------|------------|---------------|
| 92" ² | 45" x 80" | 49" x 83 1/2" |
| 106" ² | 52" x 92" | 56" x 96" |
| 119" | 58" x 104" | 62" x 108" |
| 133" | 65" x 116" | 69" x 120" |
| 161" | 79" x 140" | 84" x 144" |

16:10 Format

| | | |
|-------------------|-------------------|-------------------|
| 67" ² | 35 1/4" x 56 1/2" | 47 1/4" x 59 1/2" |
| 76" ² | 40" x 64" | 52" x 69 1/2" |
| 85" ² | 45" x 72" | 57" x 74" |
| 94" ² | 50" x 80" | 62" x 83 1/2" |
| 109" ² | 57 1/2" x 92" | 69 1/2" x 96" |
| 123" | 65" x 104" | 69" x 108" |
| 137" | 72 1/2" x 116" | 76 1/2" x 120" |
| 165" | 87 1/2" x 140" | 92 1/2" x 144" |

WideScreen Format (1:1.85)

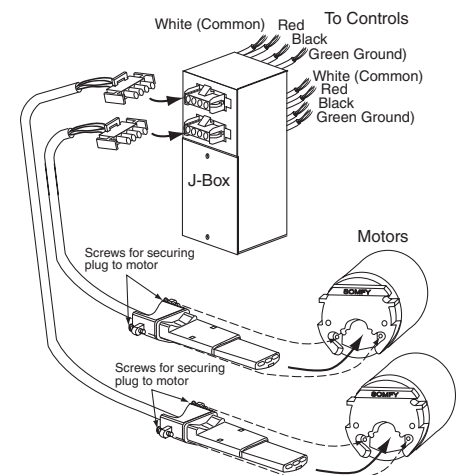
| | | |
|------|------------|------------|
| 99" | 47" x 87" | 51" x 90" |
| 108" | 50" x 92" | 54" x 96" |
| 120" | 56" x 104" | 60" x 108" |
| 132" | 63" x 116" | 67" x 120" |
| 162" | 76" x 140" | 80" x 144" |

¹ Custom sizes also available.

² These sizes include 12" black drop as standard.

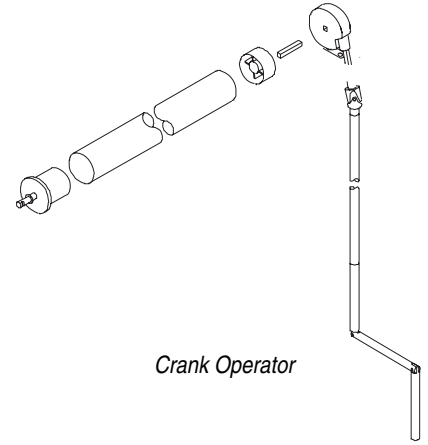
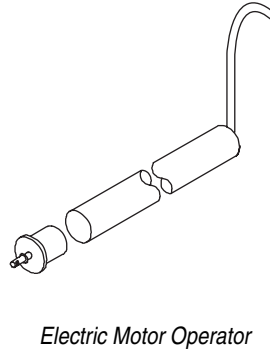
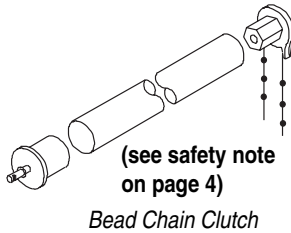
Optional J-Box

Access Dual Roller FlexShade J-Box-to-Motor Connections



⑧ **Select Operators: (Front and back rollers will have the same type operator)**

- Electric Motor*
- Clutch (see safety note on page 4)
 - Metal Bead Chain (standard)
 - Nylon Chain
 - Ivory
 - Grey
 - Black
- Crank
 - Permanent Crank (Standard)
 - Detachable Crank



⑨ **Control Options:**

- 110-120v Wall Switch for Single Unit Control
- Low Voltage and/or Multiple Shade Control: *Please see Draper's IntelliFlex Controls Reference Sheet to design a control solution for this product. The form is available at www.draperinc.com, or by contacting Draper.*

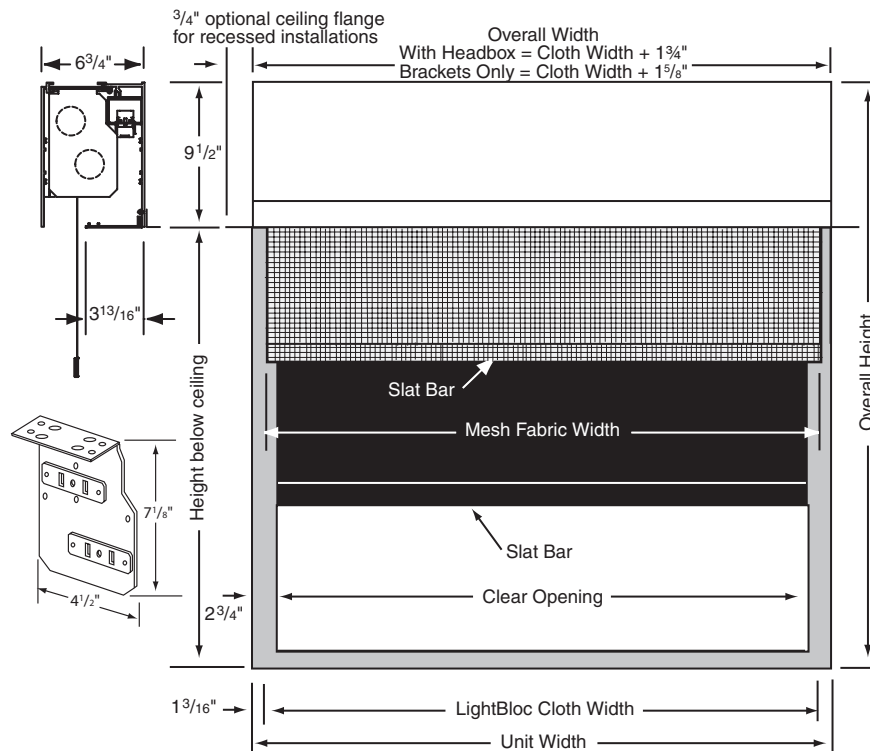
⑩ **Do you want side and sill channels on rear shade?**

- Yes No
- If "Yes," select Style:
 - LightBloc "L" Angle (Select Size—circle one: 1" x 3/4" or 1" x 23/4")
- If "Yes," select mounting option:
 - Jamb Surface

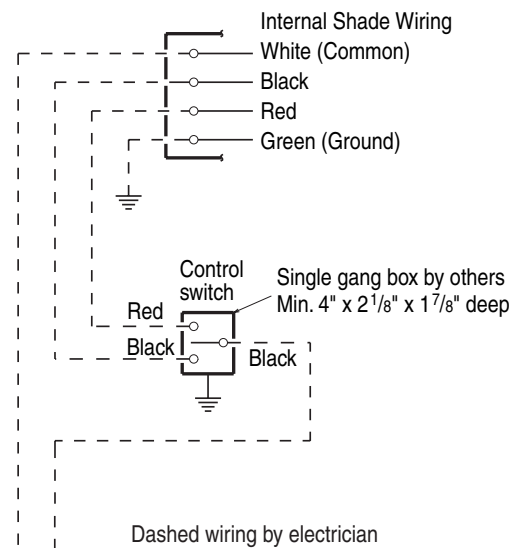
Select Finish:

- Dark Bronze
- Clear Anodized Black
- Ivory White
- Rear shade without side/sill channels

Access Dual Roller Dimensions



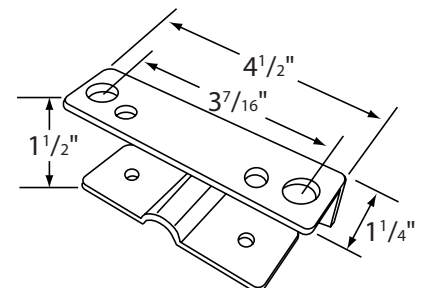
Access Dual Roller Wiring Diagram*



To 110-120V Line

NOTE: Test shade operation. If shade direction does not correspond with the switch orientation, turn power back off and switch the red and black wires from the motor to the switch.

***This diagram is for standard switching for one roller in the Access Dual Roller FlexShade. This diagram will need to be followed for both rollers. For wiring diagrams of optional controls, contact Draper, Inc.**



Access Dual Roller FlexShade System:

Two rollers within a single pocket style headbox. Headbox of extruded aluminum alloy, painted white on bottom and front. With or without ceiling tile lip. Removable bottom closure attaches without exposed fasteners. Available in stock lengths for installation ahead of shades and screen. Grooves extruded along the top of box allow brackets to be inserted to accommodate suspension style mounting. Boxes may be pre-wired with factory installed junction boxes. Patent No. 6,421,175. Other patents pending.

Method of Operation

NOTE: Both shades in headbox must have the same operator type.

Electric Operator: Drive unit inside roller, to be 3-wire, instantly reversible, lifetime lubricated. Right or left hand motor location available. Push button style adjustable limit switches, thermal overload protector, and electric brake. Operates on 110-120V AC 1 ph. 60 hz. current. Draws 1.1 amps.

Bead Chain Clutch Operator: High carbon steel and molded fiberglass-reinforced polyester thermopolymer (PBT). Bi-directional for mounting at either end of roller. Control loop, of any length, is a stainless steel or plastic bead chain (stainless steel standard). Plastic chain in ivory, grey, black. Never needs adjusting. Lower clutch mounted opposite end of upper clutch.

Crank Operator: Gear box, of die cast aluminum and steel, has ratio of 3.0 to 1. Bidirectional to mount at either end of roller. Never needs lubrication or adjustment. Crank handle assembly, of anodized aluminum and chrome plated steel, up to 6' in length, detachable or permanently mounted. Heavy-duty crank optional in lengths to 10'. Optional 2-Piece crank handle available for shades 14' or more above floor. Crank roller insert, of injection molded nylon and steel, is installed in the roller and engages to gear box.

Hardware

Rollers (except spring rollers): Sizes 2" dia. x .080 wall, in steel or extruded aluminum. Roller assembly easily removable.

Mounting Brackets: Steel stampings, which twist into grooves in the top of the headbox and can then be slid into the proper locations. Patent No. 6,2532,109.

Roller Idler Assembly: Type 6/6 injected molded nylon and a zinc-plated cold rolled steel pin. Sliding pin for easy installation and removal of the roller.

Coupler Assembly (2"OD rollers, 2¾" maximum bundle diameters, only): Zinc plated steel Coupler Shafts shall be retractable into coupler assembly for ease of installation and to lock units in place. Zinc plated steel coupler brackets shall have spherical OD bearings allowing for misalignment of the mounting brackets of up to 1.25-degrees. One motor or crank operator to drive additional shade rollers.

Side Channels (available on rear shade only): One-piece construction. Channel consists of 2 chambers. One accepts the fabric and contains groove for fabric retainer. The second accepts fabric guide and channel locator. Outside mounts require plastic cover buttons.

"L" Angles (available on rear shade only): L-shaped extruded aluminum angles mount to inside of jamb. "L" Angles measure (1" x ¾"/1" x 2¾").

Sill Channel (available on rear shade only): Accepts slat bar, prevents light leakage. Bottom of channel provides for use of flat head screws.

Shade Fabrics:

Please see Draper's Shade Fabric Reference Sheet for specifications.

Optional Projection Screen Surface:

Matt white: Vinyl reflective surface laminated to woven textile base. Gain: 1.0. Viewing cone: 180°. Flame and mildew resistant, and securely attached to roller and dowel.

Downloadable 3-part specifications available at www.draperinc.com.

Safety Note for Bead Chain Clutch-Operated Shades

Please Note: If shades are to be installed in areas accessible to young children, be certain to use cord tension device included with Bead Chain Clutch shades. Clutch-operated shades should not be installed near cribs or playpens.

