**Dual Roller Motorized FlexShade®**

Standard, large, and extra large hardware

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This document is to be used with the **Dual Roller Motorized FlexShade® Submittal**. On the diagram below, please provide the following information: *(If specifying a Coupled FlexShade, also indicate desired locations for couplers.)*

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### Rear Roller Fabric:

- **Color / Number:** ____________________________  
- **Openness Factor:** ____________________________

*Please see the Shade Fabric Reference Guide on the Draper® website for fabric colors and specifications.*

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### Front Roller Fabric:

- **Color / Number:** ____________________________  
- **Openness Factor:** ____________________________

*Please see the Shade Fabric Reference Guide on the Draper® website for fabric colors and specifications.*

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**Please Note:** Shade fabrics can be placed anywhere in the headbox. Fabric or screen can be no closer than 13/16" (21mm) to either end of the headbox.

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### Select Hardware Finish:

- Clear Anodized (standard)
- Black
- Ivory
- White
- Bronze
- Custom (Contact Draper®)

### Select Dual Roller Hardware

*(Hardware Dimensions available starting on page 2.)*

- Dual Endcaps Only (DFMO)
- Dual Endcaps with Fascia (DFMO)
- Dual Ceiling Brackets (DHMO)

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### Select Headbox:

- Surface Headbox
- Pocket Headbox *(standard or large; sizes chosen by Draper)*
  - Dual Pocket Headbox Tile Flange:
    - Front (standard)
    - Left
    - None
    - Yes
    - Yes (standard)
  - Pre-Drilled Shade Endcap Mounting Holes:
    - Yes
  - Pre-Drilled Pocket Headbox Mounting Holes:
    - Yes
  - Dual Pocket Headbox Ventilation Holes:
    - Yes

- Custom Headbox (Contact Draper®)

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### Select Light Block Option:

- "L", "U", or "H" Channels for Light Gap Reduction
  - "L" Angle
  - "H" Channel
  - "U" Channel
  - Channel Liners

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Please Note:

*Shade fabrics can be placed anywhere in the headbox. Fabric or screen can be no closer than 13/16" (21mm) to either end of the headbox.*

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### SELECT COUPLER

- Coupler Quantity: ____________
Dual Roller Motorized FlexShade®

Standard Hardware Specifications (DFMO)

| Patent Information: Available at www.draperinc.com/legal/patents |
| Downloadable 3-Part Specifications: Available at www.draperinc.com |

Please note: Dimensions of rollers, operators, and hardware at manufacturer’s discretion.

**Dual Roller Endcaps**

Endcaps for surface or recessed mounting of dual roller window shades.

- **1028 Steel Stamping:** Complete with adapter roller bracket. Installs to wall, ceiling, or jamb. Accepts fascia.
- **Size:** 4 1/4” (121mm) deep x 7” (178mm) high x length required by window opening.

**Dual Roller Fascia**

Endcaps with fascia designed for surface mounting of dual roller window shades.

- **Endcaps:** 1028 steel stamping. Complete with adapter roller bracket.
- **Fascia:** L-shaped cover of extruded aluminum, .060” (1.524mm) wall. Assembly snaps onto endcaps without exposed fasteners.
- **Finish:** Clear Anodized (standard), black, white, ivory, or bronze powder coat.
- **Size:** 4 1/4” (121mm) deep x 7” (178mm) high x length required by window opening.

**Dual Roller with Dual Surface Headbox**

Fascia, L-shaped top/back, and endcaps designed for wall or ceiling installation of dual roller window shades.

- **Endcaps:** 1028 steel stamping. Complete with adapter roller bracket.
- **Fascia:** L-shaped cover of extruded aluminum, .060” (1.524mm) wall. Assembly snaps onto endcaps without exposed fasteners.
- **Finish:** Clear Anodized (standard), black, white, ivory, or bronze powder coat.
- **Size:** 4 1/4” (121mm) deep x 7” (178mm) high x length required by window opening.

**Shade Slats:**

- **Closed Pocket Elliptical Slat:** 1” (25mm) aluminum elliptical slat inside of a 1 1/8” (38mm) aluminum rectangular hem bar with plastic endcaps.
- **Open Pocket Elliptical Slat:** 1” (25mm) aluminum elliptical slat with plastic ends inside of a 1 1/8” (38mm) aluminum rectangular hem bar with plastic endcaps.
- **Large Flat Exposed Hem Bar:** 1 1/4” x 1/4” (38mm x 8mm) aluminum rectangular hem bar with plastic endcaps.
- **Round Exposed Hem Bar:** Small 1 1/4” (38mm) and Large 1 1/4” (38mm x 8mm) aluminum with plastic endcaps.

**General Information:**

- **Sizes:** Dimensions of rollers, operators, and hardware at manufacturer’s discretion.
- **Notes:** Depending on dimensions and application, mounting holes and pre-drilled ventilation holes or continuous blocking that is secured to building structure. Optional pre-drilled mounting holes and pre-drilled ventilation holes.
- **Finish:** White Inside/Grey Outside with white ceiling flange or Grey Inside/White Outside with white ceiling tile flange. Front Tile Flange. Optional left and right Tile Flanges available.
- **Size:** 5 1/4” (132mm) wide x 7 1/4” (184mm) high.
Endcap & Fascia Dimensions

*When measuring shade height, remember to include Endcaps & Fascia.

Dual Roller Surface Headbox Dimensions

*When measuring shade height, remember to include Endcaps & Fascia.

Dual Roller Pocket Headbox Dimensions

*When measuring shade height, remember to include Endcaps & Fascia.

Steel Dual Roller Pocket Headbox Dimensions
**DUAL ROLLER WITH POCKET HEADBOX**

_Pocket and endcaps designed for recessed ceiling installation of dual roller window shades._

**ENDCAPS:** 1028 steel stamping. Complete with adapter roller bracket.

**HEADBOX:** 18-gauge steel pocket, for mounting directly to ceiling, wall, or continuous blocking that is secured to building structure. Optional pre-drilled mounting holes and pre-drilled ventilation holes.

**FINISH:** White Inside/Grey Outside with white ceiling flange or Grey Inside/White Outside with white ceiling tile flange. Front Tile Flange. Optional left and right Tile Flanges available.

**SIZE:** 6 1/2" (165mm) wide by 8 1/2" (216mm) high.

**LIGHT GAP REDUCTION HARDWARE:** Extruded Aluminum. Accepts edges of fabric, prevents light gaps. Interior of channel provides for use of flat head screws.

"L" CHANNEL: 1" x 1" x 12'3" (25 x 25 x 373cm);
1" x 2 1/8" x 16" (2.5 x 5.7 x 488cm) or cut to length.

"U" CHANNEL: 1" x 2 1/4" x 16" (2.5 x 6.4 x 488cm) or cut to length.

"H" CHANNEL: 1" x 5" x 18" (2.5 x 12.7 x 488cm) or cut to length.

**COUPLER ASSEMBLY:** Zinc plated steel Coupler Shafts are retractable into coupler assembly for ease of installation and to lock units in place. Zinc plated steel coupler brackets have spherical OD bearings allowing for misalignment of the mounting brackets of up to 1.25-degrees. One motor to drive additional shade rollers.

**ROLLER:** Fabricated from extruded aluminum or steel. Wall thickness and material selected by manufacturer to accommodate shade size. Roller idler assembly of molded nylon and zinc-plated steel pin. Sliding pin for easy installation and removal of roller. Fabric connected to the roller tube with LSE (low surface energy) double sided adhesive specifically developed to attach coated textiles to metal. Adhesive attachment to eliminate horizontal impressions in fabric.

**SHADE SLAT:**

**CLOSED POCKET ELLIPTICAL SLAT:** 1" (25mm) aluminum elliptical slat inside of a 1 5/8" (41mm) pocket with heat sealed ends.

**OPEN POCKET ELLIPTICAL SLAT:** 1" (25mm) aluminum elliptical slat with plastic ends inside of a 1 1/4" (32mm) pocket.

**SMALL FLAT EXPOSED HEM BAR:** 7/8" x 5/16" (22mm x 8mm) aluminum rectangular hem bar with plastic endcaps.

**LARGE FLAT EXPOSED HEM BAR:** 1 1/2" x 5/16" (38mm x 8mm) aluminum rectangular hem bar with plastic endcaps.

**ROUND EXPOSED HEM BAR:** Small 5/8" (16mm) and Large 1 1/2" (21mm) aluminum with plastic endcaps.
Large Hardware Dimensions (DHMO)

Large Dual Roller Pocket Headbox Dimensions

- **CLOTH WIDTH**
- **SHADE WIDTH**
- **SHADE HEIGHT**

Shade Width and Rough Opening will vary depending on motor selection.
Dual Roller Motorized FlexShade®

Extra Large Hardware Specifications (DFMO)

**Downloadable 3-Part Specifications:**


Please note: Dimensions of rollers, operators, and hardware at manufacturer’s discretion.

### Dual Roller Fascia

- **Endcaps with fascia designed for surface mounting of dual roller window shades.**
- **Endcaps:** 1028 steel stamping. Complete with adapter roller bracket. Installs to wall, ceiling, or jamb.
- **Fascia:** L-shaped cover of extruded aluminum, .060" (1.524mm) wall. Assembly snaps onto endcaps without exposed fasteners.
- **Finish:** Clear Anodized (standard), black, white, ivory, or bronze powder coat.

### Dual Roller with Surface Headbox

- **Fascia, L-shaped top/back, and endcaps designed for wall or ceiling installation of dual roller window shades.**
- **Endcaps:** 1028 steel stamping. Complete with adapter roller bracket.
- **Fascia:** L-shaped cover of extruded aluminum, .060" (1.524mm) wall. Assembly snaps onto endcaps without exposed fasteners.
- **Finish:** Clear Anodized (standard), black, white, ivory, or bronze powder coat.

**Size:** 7¼" (200mm) deep x 6¾" (178mm) high x length required by window opening.

**Light Gap Reduction Hardware:**
- **L-angle:** 1/4" x 1" x 12" 3/4 (1.9 x 2.5 x 373cm); 1" x 2¼" x 16" (2.5 x 7 x 488cm) or cut to length.
- **U-channel:** 1" x 2½" x 16" (2.5 x 6.4 x 488cm) or cut to length.
- **H-channel:** 1" x 5" x 16" (2.5 x 12.7 x 488cm) or cut to length.

**Coupler Assembly:**
- Zinc plated steel Coupler brackets have spherical OD bearings allowing for misalignment of the mounting brackets of up to 1.25-degrees. One motor to drive additional shade rollers.

**Shade Slat:**
- **Closed Pocket Elliptical Slat:** 1" (25mm) aluminum elliptical slat inside of a 1 1/4" (31mm) pocket with heat sealed ends.
- **Open Pocket Elliptical Slat:** 1" (25mm) aluminum elliptical slat with plastic ends inside of a 1 1/4" (31mm) pocket.
- **Small Flat Exposed Hem Bar:** 7/8" x 1¾" (22mm x 48mm) aluminum rectangular hem bar with plastic endcaps.
- **Large Flat Exposed Hem Bar:** Small 1¾" (41mm) and Large 1 5/8" (41mm) aluminum rectangular hem bar with plastic endcaps.

**Round Exposed Hem Bar:**
- Small 1¾" (41mm) and Large 1 5/8" (41mm) aluminum with plastic endcaps.

**Note:**
- Dimensions of rollers, operators, and hardware at manufacturer’s discretion.
- Fabric connected to the roller tube with LSE (low surface energy) double sided adhesive specified to develop attachment coated textiles to metal. Adhesive attachment to eliminate horizontal impressions in fabric.
- Roller idler assembly of molded nylon and zinc-plated steel pin. Sliding pin for easy installation and removal of roller. Fabric connected to the roller tube with LSE (low surface energy) double sided adhesive specified to develop attachment coated textiles to metal. Adhesive attachment to eliminate horizontal impressions in fabric.

### Dual Roller with Pocket Headbox

- **Pocket and endcaps designed for recessed ceiling installation of dual roller window shades.**
- **Endcaps:** 1028 steel stamping. Complete with adapter roller bracket.

**Headbox:** 18-gauge steel pocket, for mounting directly to ceiling, wall, or continuous blocking that is secured to building structure. Optional pre-drilled mounting holes and pre-drilled ventilation holes.

**Finish:** White Inside/Gray Outside with white ceiling flange or Grey Inside/White Outside with white ceiling tile flange. Front Tile Flange. Optional left and right Tile Flanges available.

**Size:** 7¼" (200mm) wide by 7" (178mm) high.

**Closure Panel:** Aluminum, without exposed fasteners. 3" (76mm) wide x length required for headbox.
Extra Large Hardware Dimensions (DFMO)

**Extra Large Dual Roller with Fascia Endcaps Only**

- SHADE WIDTH — \( \frac{1}{8}'' (3.2mm) = \text{FASCIA CUT LENGTH} \)
- SHADE HEIGHT* — \( \frac{7}{8}'' (20mm) \)

**Extra Large Dual Roller with Surface Mount Headbox**

- SHADE WIDTH — \( \frac{1}{8}'' (5mm) = \text{FASCIA CUT LENGTH} \)
- SHADE HEIGHT* — \( \frac{7}{8}'' (20mm) \)

**Extra Large Dual Roller with Pocket Headbox Dimensions**

- SHADE WIDTH

\[ \text{Pocket Headbox Dimensions} \]

**FASCIA**

- SHADE FABRIC

- HEM BAR

- ROLLER TUBE CUT LENGTH — \( \frac{1}{4}'' (5.2mm) = \text{FABRIC CUT WIDTH} \)
- SHADE WIDTH (Outside Measurement) — \( \frac{1}{8}'' (38mm) = \text{ROLLER TUBE CUT LENGTH} \)
- FABRIC CUT WIDTH — \( 2'' (51mm) = \text{HEM BAR CUT LENGTH} \)

*When measuring shade height, remember to include Endcaps & Fascia.

**Notes:**

- Extra Large Dual Roller with Fascia Endcaps Only
- Extra Large Dual Roller with Surface Mount Headbox
- Extra Large Dual Roller with Pocket Headbox Dimensions