Dual Roller Motorized FlexShade®
Standard, large, and extra large hardware

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

Rear Roller Fabric: ________________________________
Color / Number: ________________________________ Openness Factor: ________________________________
*Please see the Shade Fabric Reference Guide on the Draper® website for fabric colors and specifications.

Front Roller Fabric: ________________________________
Color / Number: ________________________________ Openness Factor: ________________________________
*Please see the Shade Fabric Reference Guide on the Draper® website for fabric colors and specifications.

Please Note: Shade fabrics can be placed anywhere in the headbox. Fabric or screen can be no closer than ³/₈” (21mm) to either end of the headbox.

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

Select Coupler
- Coupler
  Quantity: __________

Select Headbox
- Dual Headbox (standard or large; sizes chosen by Draper)
  - Pocket Headbox
    - Pocket Headbox Tilt Flange:
      - Front (standard)
      - Left
      - None
      - Yes
      - Yes (standard)
    - Pre-Drilled Shade Endcap Mounting Holes:
      - Yes
      - No (standard)
    - Pre-Drilled Pocket Headbox Mounting Holes:
      - Yes
      - No (standard)
  - Ceiling / Wall (Surface Headbox)
  - Custom Headbox

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

Select Dual Roller Hardware (Hardware Dimensions available starting on page 2.)
- Dual Endcaps Only
- Dual Endcaps with Fascia

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

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

Please Note: Shade fabrics can be placed anywhere in the headbox. Fabric or screen can be no closer than ³/₈” (21mm) to either end of the headbox.

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**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" (121 mm) deep x 7" (178 mm) 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" (1.524 mm) wall. Assembly snaps onto endcaps without exposed fasteners.

**FINISH:** Clear Anodized (standard), black, white, ivory, or bronze powder coat.

**SIZE:** 4 1/4" (121 mm) deep x 7" (178 mm) high x length required by window opening.

**DUAL ROLLER WITH CEILING/WALL 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" (1.524 mm) wall. Assembly snaps onto endcaps without exposed fasteners.

**SIZE:** 4 1/4" (121 mm) deep x 7" (178 mm) high x length required by window opening.

**FINISH:** Clear Anodized (standard), black, white, ivory, or bronze powder coat.

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

**"L" ANGLE:** 5/16" x 1" x 123/4" (9.5x25.4x324 mm); 1 1/4" x 2 1/4" x 18" (5.7x5.7x457 mm) or cut to length.

**"U" CHANNEL:** 1" x 2 1/4" x 16" (2.5x6.4x406 mm) or cut to length.

**"H" CHANNEL:** 1 1/4" x 5" x 16" (3.2x12.7x406 mm) 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 provides 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 eliminates horizontal impressions in fabric.

**SHADE SLAT:**

- **CLOSED POCKET ELLIPTICAL SLAT:** 1 1/8" (25 mm) aluminum elliptical slat inside of a 1 3/16" (41 mm) pocket with heat sealed ends.
- **OPEN POCKET ELLIPTICAL SLAT:** 1" (25 mm) aluminum elliptical slat with plastic ends inside of a 1 3/16" (41 mm) pocket.
- **SMALL FLAT EXPOSED HEM BAR:** 5/8" x 1/2" (16 mm x 6 mm) and Large 1 1/2" x ¾" (38 mm x 6 mm) aluminum rectangular hem bar with plastic endcaps.
- **LARGE FLAT EXPOSED HEM BAR:** 1 1/2" x ¾" (38 mm x 6 mm) aluminum rectangular hem bar with plastic endcaps.
- **ROUND EXPOSED HEM BAR:** Small 5/8" (16 mm) and Large ¾" (21 mm) aluminum with plastic endcaps.

**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:** 5 1/8" (129 mm) wide by 7 1/4" (184 mm) high.

**STANDARD POCKET HEADBOX WITH OPTIONAL VENT HOLES**

- **TOP/BACK COVER:** Retainer Clip, M12 Connector, Aluminum Slat & Heat-Seamed Hem, Closed Pocket Elliptical Hem, Standard Pocket Elliptical Hem, Optional Vent Holes, Retainer Clip.
**Standard Hardware Dimensions**

**Endcap & Fascia Dimensions**

- **OVERALL WIDTH**
- **HEM BAR**: 3" (76 mm)
- **SHADE**: 7" (178 mm)
- **SHADE FABRIC**
- **FASCIA**
- **HEM BAR**: 1 1/8" (27 mm)
- **FABRIC WIDTH = OVERALL WIDTH - Dim A**
- **SHADE HEIGHT**: 7" (178 mm)

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

**Dual Roller Pocket Headbox Dimensions**

- **SHADE WIDTH**
- **Pocket Headbox**
- **CLOTH WIDTH**

**Dual Roller Surface Headbox Dimensions**

- **OVERALL WIDTH**
- **HEM BAR**: 3" (76 mm)
- **SHADE**: 7" (178 mm)
- **SHADE FABRIC**
- **FASCIA**
- **HEM BAR**: 1 1/8" (27 mm)
- **FABRIC WIDTH = OVERALL WIDTH - Dim A**
- **SHADE HEIGHT**: 7" (178 mm)

*When measuring shade height, remember to include Endcaps & Fascia.
Dual Roller Motorized FlexShade®

Large Hardware Specifications

PATENT INFORMATION: Available at http://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 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" (165 mm) wide by 8 1/2" (216 mm) high.

DUAL ROLLER WITH CEILING/WALL 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" (.1524 mm) wall. Assembly snaps onto endcaps without exposed fasteners.
SIZE: 6 1/2" (165 mm) wide by 8 1/2" (216 mm) high.
FINISH: Clear Anodized (standard), black, white, ivory, or bronze powder coat.

SHADE SLAT:
CLOSED POCKET ELLIPTICAL SLAT: 1" (25 mm) aluminum elliptical slat inside of a 1 5/8" (41 mm) pocket with heat sealed ends.
OPEN POCKET ELLIPTICAL SLAT: 1" (25mm) aluminum elliptical slat with plastic ends inside of a 1 1/4" (32 mm) pocket.
SMALL FLAT EXPOSED HEM BAR: 7/8" x 5/16" (22 mm x 8 mm) and Large 1 1/2" x 5/16" (38 mm x 8 mm) aluminum rectangular hem bar with plastic endcaps.
LARGE FLAT EXPOSED HEM BAR: 1 1/2" x 5/16" (38 mm x 8 mm) aluminum rectangular hem bar with plastic endcaps.
ROUND EXPOSED HEM BAR: Small 5/8" (16 mm) and Large 3/4" (19 mm) aluminum with plastic endcaps.

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.

PACKAGE INFORMATION:

WALL ENDCAPS: 1028 steel stamping. Complete with adapter roller bracket.
HEADBOX: L-shaped top/back, and endcaps designed for wall or ceiling installation of dual roller window shades.

FINISH: White Inside/Grey Outside with white ceiling flange or Grey Inside/White Outside with white ceiling tile flange.

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

SHADE SLAT:
CLOSED POCKET ELLIPTICAL SLAT: 1" (25 mm) aluminum elliptical slat inside of a 1 1/4" (32 mm) pocket with heat sealed ends.
OPEN POCKET ELLIPTICAL SLAT: 1" (25mm) aluminum elliptical slat with plastic ends inside of a 1 1/4" (32 mm) pocket.
SMALL FLAT EXPOSED HEM BAR: 7/8" x 5/16" (22 mm x 8 mm) and Large 1 1/2" x 5/16" (38 mm x 8 mm) aluminum rectangular hem bar with plastic endcaps.
LARGE FLAT EXPOSED HEM BAR: 1 1/2" x 5/16" (38 mm x 8 mm) aluminum rectangular hem bar with plastic endcaps.
ROUND EXPOSED HEM BAR: Small 5/8" (16 mm) and Large 3/4" (19 mm) aluminum with plastic endcaps.

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.


*L" ANGLE: 1" x 1" x 12" (25.4 x 25.4 x 304.8 mm)
*U" CHANNEL: 1" x 2 1/2" x 16" (25.4 x 63.5 x 406.4 mm) or cut to length.
*H" CHANNEL: 1" x 6" x 16" (25.4 x 152.4 x 406.4 mm) or cut to length.

M12 Connector Retainer Clip
Large Hardware Dimensions

Large Dual Roller Pocket Headbox Dimensions

Shade Width and Rough Opening will vary depending on motor selection.
**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" (1.524 mm) wall. Assembly snaps onto endcaps without exposed fasteners.

**FINISH:** Clear Anodized (standard), black, white, ivory, or bronze powder coat.

**SIZE:** 7 ¾" (200 mm) deep x 6 ¾" (178 mm) high x length required by window opening.

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**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:** 7 ¾" (200 mm) wide by 7" (178 mm) high.

**CLOSURE PANEL:** Aluminum, without exposed fasteners. 3" (76 mm) wide x length required for headbox.

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**DUAL ROLLER WITH CEILING/WALL 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" (1.524 mm) wall. Assembly snaps onto endcaps without exposed fasteners.

**FINISH:** Clear Anodized (standard), black, white, ivory, or bronze powder coat.

**SIZE:** 7 ¾" (200 mm) deep by 7" (178 mm) high x length required by window opening.

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

- **L-ANGLE:** 1/4" x 1" x 12" (1.9x2.5x373mm) or cut to length.
- **U CHANNEL:** 1" x 2½" x 16' (2.5x6.4x488cm) or cut to length.
- **H CHANNEL:** 1" x 5" x 16' (2.5x12.7x488cm) 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.

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**SHADE SLAT:**

- **CLOSED POCKET ELLIPTICAL SLAT:** 1" (25 mm) aluminum elliptical slat with plastic ends inside of a 1 3/16" (41 mm) pocket with heat sealed ends.
- **OPEN POCKET ELLIPTICAL SLAT:** 1" (25 mm) aluminum elliptical slat with plastic ends inside of a 1 3/16" (41 mm) pocket.
- **SMALL FLAT EXPOSED HEM BAR:** 5/8" x 1/8" (16 mm x 3 mm) aluminum rectangular hem bar with plastic endcaps.
- **LARGE FLAT EXPOSED HEM BAR:** 1 1/2" x 1/8" (38 mm x 3 mm) aluminum rectangular hem bar with plastic endcaps.
- **ROUND EXPOSED HEM BAR:** Small 5/8" (16 mm) and Large 1 1/2" (38 mm) aluminum with plastic endcaps.

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**NOTE:** Top/Back Cover + Fascia create Ceiling/Wall (Surface) Headbox.
Extra Large Hardware Dimensions

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

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

**SHADE WIDTH — ⅜" (5mm) = FASCIA CUT LENGTH**

**SHADE FABRIC**

**SHADE HEIGHT***

**HEM BAR**

**MAX BUNDLE DIAMETER:** 3.75" (95mm)

**MAX BUNDLE DIAMETER:** 4" (102mm)

****Roller Tube Cut Length — ⅛" (3.2mm) = Fabric Cut Width**

**Shade Width (Outside Measurement) — 1 ½" (38mm) = Roller Tube Cut Length**

**Fabric Cut Width — 2" (51mm) = Hem Bar Cut Length**

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

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

**SHADE WIDTH**

**CLOTH WIDTH**

**Pocket Headbox**

**SHADE WIDTH**

**Pocket**