Overview - Components
(Extra Large Hardware Shown)

Dual Roller FlexShade® NEXD
Premium, clutch-operated, dual roller window shade

CAUTION
Read and understand all warnings before beginning installation.

PLEASE READ - Important Installation Information

Caution:
1. Inspect all boxes to make sure you have received the proper shades and parts. Controls may be shipped separately, or in same carton as shades.
2. Open cartons lengthwise, taking care not to cut into cardboard shipping container.
3. Before mounting shades, verify measurements on label provided with shade, and ensure unit is installed at correct width.
4. All endcaps, fascia, headboxes, and other hardware must be installed level. Shades must be level and square.
5. Read the following installation guidelines thoroughly and follow them carefully. Failure to do so may cause product to fall or otherwise fail, and invalidates warranty.
6. Installer is responsible for selecting mounting hardware appropriate for site conditions.

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Important Safety Information

WARNING

Improper installation and use of the Dual Roller FlexShade® NEXD can result in serious injury or death. Primarily, injuries can occur if the unit falls due to imprecise installation, mishandling of the shade during installation, or installation on an insufficient wall or ceiling structure. Please use extreme care.

1. Please read the following installation guidelines thoroughly and follow them carefully. Failure to do so may cause product to fail or otherwise fail, and could result in serious injury.

2. Installation and calibration of the shade should only be performed by an authorized, qualified, and experienced professional.

3. Do not affix the unit to wall or ceilings that have inadequate strength to permanently hold the unit during use. It is the owner’s and installer’s responsibility to confirm the wall or ceiling to which the unit attaches is sufficient to permanently hold the weight and stress loads of the unit at all times. Draper, Inc., is not responsible for improper installation, application, testing, or workmanship related to the product at place of installation.

4. It is the installer’s responsibility to make sure appropriate fasteners are used for mounting.

5. All brackets, fascia, headboxes, pockets, wall clips, and other hardware must be installed level. Shade unit must be level and square.

6. Never leave the area while operating the shade during installation, maintenance, or normal operation, unless it is secure and safe.

7. Before testing or operation, carefully inspect the entire area and path of the shade and areas underneath the shade to be sure no persons or objects are in the area.

Before Beginning Installation

1. Look for any job site conditions that could interfere with installation or operation of the system.

2. Read carefully and be sure to understand all installation instructions and all related operations manuals. These instructions are intended to serve as a guide for the installer and owner. They should be followed closely and combined with the expertise of experienced qualified installers. Draper, Inc., is not responsible for improper installation, application, testing, or workmanship related to the product at place of installation. Please retain all instructions for future use.

3. Open cartons lengthwise.

4. Locate and lay out all pieces.

5. Inspect all boxes to make sure you have received the proper shade and parts. Controls may be shipped separately, or in same carton as shade.

6. If you have any difficulties with installing, servicing, or operating your shade, call Draper, Inc., 765-987-7999. Call Draper, Inc., if you have questions regarding your installation.

Child Safety Information

ANSI/WCMA A100.1-2018 standard (developed by the Window Coverings Manufacturer’s Association and the Consumer Product Safety Commission) was established on December 15, 2018, to eliminate strangulation hazards for small children from hanging cords and chain loops.

When Draper® dealers specify that custom shades comply with ANSI/WCMA A100.1-2018, Draper provides a pre-installed Spring-Loaded Chain Tension Device (shown at right) for clutch-operated units. A warning label is attached to the kit and approved mechanical fasteners are included.

When properly installed, the tension device prevents the creation of a hazardous loop by maintaining tension on the bead chain. If not installed properly, the shade is partially inoperable. A warning label (shown below) is also added to the shade roller.

For more information, please see the Draper ANSI/WCMA A100.1-2018 compliance page: www.draperinc.com/windowshades/wcmacompliance.aspx

PLEASE READ - Field Adjustments

Each Draper Solar Control Shade is tested to ensure proper operation. Even with this testing, some field adjustments may be needed for telescoping.

If the shade is telescoping, place a piece of high quality gaffer tape about 1” (25mm) wide on the exposed roller (where the fabric will cover it) on the side that the fabric will be drawn toward. For example: if the fabric is tracking to the left, place the tape on the right side.

PLEASE READ - Cleaning and Maintenance

Window covering products manufactured by Draper, when properly installed, should require no operational maintenance or lubrication.

Most standard Draper fabrics may be cleaned at the window by vacuuming with a soft brush attachment. They also may be cleaned by using a sponge or soft cloth and mild solution of warm soapy water. A mild dishwashing liquid is recommended. A clean dry cloth is recommended for the metal finish.

Please Note: Exceptions are Flocké and Phifer SW7000® fabrics, which must be cleaned with a dry art sponge. SheerWeave® is a registered trademark of Phifer® Incorporated. Flocké® is a registered trademark of Mermet® Incorporated.
Section 1 - Mounting Endcaps

Please Note: If installing Pocket Headbox or Surface Headbox, please install headbox FIRST (Section 2, Section 3).

Caution: Before mounting shades, verify measurements on label provided with shade, and ensure unit is installed at correct width.

Please Note: Installer is responsible for selecting mounting hardware appropriate for site conditions.

1. Mark surface for placement of endcaps.
2. Drill small starter hole (if necessary) in mounting surface.
3. Snap endcap covers onto endcaps (Fig. 1).

Please Note: If endcap covers have been provided with the shade order, they are included in the width of the shade measurement and must be used.

Caution: If installing without a headbox, proceed to Figure 2, below, NOW.

If installing with a Dual Roller Pocket Headbox, proceed to Section 2 NOW.

If installing with a Dual Roller Ceiling/Wall Headbox, proceed to Section 3 NOW.

5. Mount endcaps using appropriate fasteners for surface (Fig. 2).

Please Note: If installing Pocket Headbox or Surface Headbox, please install headbox FIRST (Section 2, Section 3).

Please Note: If endcaps are included in order, drill through endcap cover and secure with endcap. Endcap requires a minimum of two fasteners. It is not necessary to utilize all corners.
Section 2 - Pocket Headbox Installation

**PLEASE NOTE:** Installer must provide adequate clearance for removal of Roller Assembly during installation and maintenance.

**PLEASE NOTE:** Headbox must be mounted directly to ceiling, or to a continuous blocking that is secured to building structure.

1. **Lift headbox into mounting position.**

2. **Mark location of optional pre-drilled pocket mounting holes and endcap mounting holes on top side of headbox on mounting surface.**

3. **Drill small starter hole (if necessary) in mounting surface.**

4. **Mount pocket headbox using appropriate fasteners for surface.**

5. **Mount endcaps using appropriate fasteners for surface (Section 1).**

6. **Mount pocket closure. (Fig. 3-D).**
**Section 3 - Dual Roller Surface Headbox Installation**

1. Place endcaps into top/back cover piece of ceiling/wall headbox.

2. Using pre-drilled holes in endcaps, mark headbox for drilling.

**Please Note:** Installer must provide adequate clearance for removal of Roller Assembly during installation and maintenance.

3. Drill holes in back (wall mount) or top (ceiling mount) of top/back cover piece.

**Please Note:** Headbox MUST BE mounted directly to ceiling or wall, or to a continuous blocking that has been secured to building structure.

4. Attach endcaps and top/back cover piece to wall or ceiling, using mounting hardware appropriate for site conditions.

Next, mount roller assemblies (Section 5).
Section 4 - **Spring Assist Idler** *(Standard Hardware shown)*

**Caution:** Do not allow shade roller to become exposed by running shade fabric too far down. Use stop balls provided in hardware packet by Draper® to set up and down travel limits. Stop balls by others may be too small, and become lodged in clutch mechanism.

**Please Note:** If shade fabric is uneven, see “Field Adjustments” on page 2.

1. Remove the safety screw and slide from the top idler endcap. Retain these pieces for later.

2. Install roller assembly tube onto clutch.

3. Swing the idler end into place, then slide the idler end spear into the receiver. It may be necessary to compress the spring-loaded spear.

4. Replace slide and safety screw. Place into groove at an angle, slide up, and ensure the bottom of the slide is hooked into the receiver.

5. Use the included Adjustment Tool (C202.029) in the adjustment point on the underside of slide to level shade.

**Caution:** The retaining clip must be installed around the idler-end shaft as shown to prevent the roller assembly from moving left or right during operation, and to ensure that the spring-loaded shaft does not retract into the mechanism in case of a bearing failure.
Section 5 - Shade Fabric Roller Mounting (Extra Large Hardware shown)

**Caution:** Do not allow shade roller to become exposed by lowering shade fabric too far. Be sure to use stop balls provided by Draper® to set up and down travel limits. Stop balls by others may be too small, and become lodged in clutch.

**TOP ROLLER ASSEMBLY**

1. Carefully work open (clutch) end of TOP roller onto bead chain clutch.

2. Slide idler pin end of the top roller up, through one of the slots on idler endcap, and into seat for pin.

3. Carefully work open (clutch) end of BOTTOM roller onto bead chain clutch.

4. Slide idler pin end of the bottom roller up, through one of the slots on idler endcap, and into seat for pin.

5. Test shade to ensure that roller is level and operating properly.

If not, adjust idler leveling screw with 3mm Hex Wrench, available upon request when ordering shade.

**BOTTOM ROLLER ASSEMBLY**

**Please Note:** If shade fabric is tracking to one side, see "Field Adjustments," Page 2.

**NOTE:** Illustration shows different path options.

**Figure 6-A**

**Figure 6-C**

**Figure 6-B**

**Figure 6-D**

**Figure 6-E**
Section 7 - Bead Chain Limits and Safety Device Installation

Attaching Stop Balls

1. Set upper and lower travel limits by installing stop balls to bead chain (crimp closed using pliers) (Fig. 7-A).

P-Clip Cord Tension Device

Please Note: Draper® Bead Chain Clutch-Operated shades that do not comply with WMCA/ANSI Standard A100.1-2012 come with a P-Clip cord tension device pre-attached to bead chain (Fig. 7-B). This device must be attached to wall, jamb, or sill so that bead chain is held taut enough that children cannot pull it away from wall or fit their head into loop.

Spring-Loaded Cord Tension Device

If Draper Clutch FlexShade complies with WMCA/ANSI Standard A100.1-2018, a Spring-Loaded Cord Tension Device comes installed on bead chain (Fig. 7-C). An approved permanent warning label and approved mechanical fasteners (wood screws) are included. Device is designed so that children cannot pull bead chain away from wall or fit their head into loop. (See safety note on page 2). For more information, visit www.draperinc.com/windowshades/wcmacompliance.aspx.

1. Install cord tension device to wall, jamb, or sill.
2. Pull tensioner down so that bead chain is held taut and use mounting hardware to keep it taut.

Please Note: Bead chain should be taut enough to move smoothly through device. However, overtightening screws will damage Spring-Loaded Tension Device.
**Dual Roller FlexShade® NEXD**

**Section 8 - Dimensions: Standard Hardware**

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### Standard Dual Fascia

- **SHADE WIDTH** — 7/64” (5mm) = **FASCIA CUT LENGTH**

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### Standard Dual Surface Headbox

- **SHADE HEIGHT***

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- **RACK TUBE CUT LENGTH** — 3/16” (3.2mm) = **FABRIC CUT WIDTH**
- **SHADE WIDTH** (Outside Measurement) — 1 13/32” (38mm) = **ROLLER TUBE CUT LENGTH**
- **FABRIC CUT WIDTH** — 2” (51mm) = **HEM BAR CUT LENGTH**

*When measuring shade height, remember to include Endcaps & Fascia.
Section 9 - Dimensions: Large Hardware, Surface Headbox

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**Extra Large Dual Fascia**

- SHADE WIDTH — \( \frac{3}{4}" (5\text{mm}) = \) FASCIA CUT LENGTH

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**Extra Large Dual Surface Headbox**

- SHADE HEIGHT*

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Roller tube cut length — \( \frac{1}{4}" (3.2\text{mm}) = \) Fabric cut width

Shade width (outside measurement) — \( 1\frac{1}{8}" (38\text{mm}) = \) Roller tube cut length

Fabric cut width — \( 2" (51\text{mm}) = \) HEM BAR cut length

*When measuring shade height, remember to include Endcaps & Fascia.
Section 10 - Dimensions: Standard Hardware, Pocket Headbox

CONTINUOUS BLOCKING BY OTHERS

CEILING BY OTHERS

3 3/16" (83.3mm) MAXIMUM BUNDLE DIAMETER

2 19/32" (65.8mm) MAXIMUM BUNDLE DIAMETER

1 15/16" (49mm)

3 1/4" (83mm)

7 3/4" (197mm)

5 3/4" (146mm)

2 1/2" (64mm)

7/8" (22mm)

1/2" (13mm)

1/16" (1.6mm)

3/4" (19mm) (38mm)

6 9/16" (167mm)
Section 11 - Dimensions: Extra Large Hardware, Pocket Headbox

Dual Roller FlexShade® NEXD

- Dimensions: Extra Large Hardware, Pocket Headbox

- CONTINUOUS BLOCKING BY OTHERS

- CLOSURE PANEL

- CEILING BY OTHERS

- 8 23/32" (221mm)

- 7 3/4" (197mm)

- 1 5/8" (41mm)

- 1 1/16" (17mm)

- 1 1/2" (38mm)

- 11/16" (17mm)