Overview - Components

1. XD Idler, Wall Mounting Bracket & Plastic Endcap Cover
2. XD Clutch, Wall Mounting Bracket & Plastic Endcap Cover
3. Large XD Idler, Wall Mounting Bracket & Plastic Endcap Cover
4. Large XD Clutch, Wall Mounting Bracket & Plastic Endcap Cover
5. Fixed Pin Idler End
6. Slat Bar 1 ¼” Sealed Hem Pocket
7. Bead Chain
8. Spring Loaded Chain Tension Device
9. Standard Spline Attachment
10. Side Channels - "U", "H", and "L"
11. Top/Back Cover (for surface headbox)
12. Large Top/Back Cover (for surface headbox)
13. Aluminum Fascia Panel
14. Large Aluminum Fascia Panel

**CAUTION**
Read and understand all warnings (Page 2 of this document) before beginning installation.

Contents

- Overview - Components.................................................................1
- PLEASE READ - Safety Information...............................................2
- PLEASE READ - Field Adjustments, Cleaning, Maintenance..........2
- Section 1 - FlexShade XD Mounting .............................................3
- Section 2 - Bead Chain Limits and Safety Device Installation........3
- Section 3 - Fascia............................................................................4
- Section 4 - Headbox.......................................................................4
- Section 5 - Dimensions.................................................................4

If you have any difficulties installing or servicing your FlexShade XD®, call your dealer or Draper, Inc.

Draper, Inc. | 411 S. Pearl St. Spiceland, IN 47385
draperrinc.com | 765.987.7999 | 800.238.7999
© 2019 All Rights Reserved | FORM: FlexShadeXD_inst19
**Important Safety Information**

**WARNING**

Improper installation and use of the FlexShade XD® 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, head boxes, pockets, wall clips, and other hardware must be installed level. Shade 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.
8. During testing or operation, carefully watch the surrounding area for any potential safety concerns including nearby persons or objects.
9. After installation, the entire system should be carefully tested to ensure safe and normal operation. Extreme care should be taken during testing to remain clear of moving parts to avoid possible injury.
10. Operation of the shade should be performed only by authorized and qualified personnel, who have been trained in the safe and effective operation of the shade & understand its safety features.
11. The safety features of the shade should never be disabled, bypassed or overridden. The system should not be operated until all safety features are properly and completely installed, calibrated and tested.
12. Shade may need to comply with local, state or district rules and regulations, in particular when installed in schools. All applicable rules and regulations should be reviewed before installation and use.
13. Failure to precisely follow installation guidelines invalidates all warranties.
14. Custom products/installations may not be reflected in this manual. Call Draper, Inc., if you have questions regarding your installation.

**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 your dealer or Draper, Inc., 765-987-7999.

**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 a Draper dealer specifies 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 operable. A warning label (shown below) is also added to the shade roller.

For more information, please see Draper’s ANSI/WCMA A100.1-2018 compliance page: [www.draperinc.com/windowshades/wcmacompliance.aspx](http://www.draperinc.com/windowshades/wcmacompliance.aspx)

**Window Blind Cord can STRANGLE your child.** Keep cords out of children's reach. Shorten cords to prevent reach. Move crib and furniture away – Children can climb furniture to reach cords.

**La cuerda ciega de la ventana puede ESTRANGULAR a su niño.** Mantenga las cuerdas fuera del alcance de los niños. Acorte los cables para evitar el alcance. Mueva la cuna y los muebles lejos – Los niños pueden subir los muebles para alcanzar las cuerdas.

**Cleaning and Maintenance**

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

Most of Draper’s standard 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, Roc-Rol, Obion and Phifer SW7000 fabrics, which must be cleaned with a dry art sponge.
Section 1 - FlexShade XD Mounting

**Caution:** Before mounting shades, verify measurements on package label with shade.

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

### Section 1.1 - Wall Mounting with Bracket

1. Mark wall for placement of mounting brackets.
2. Drill small starter hole (if necessary) in mounting surface.
3. Mount brackets using appropriate fasteners for surface (Fig. 1).
4. Attach idler and operator endcaps to mounting brackets (Fig. 2).

### Section 1.2 - Ceiling Mounting

1. Mark ceiling for placement of endcaps.
2. Drill small starter hole (if necessary) in mounting surface.
3. Mount endcaps using appropriate fasteners for surface (Fig. 3).

### Shade Fabric/Roller Mounting

1. Snap end covers onto endcaps (Fig. 4).
2. Carefully work operator (open) end of roller onto bead chain clutch (Fig. 4). Then, following dashed line in Fig. 4, slide idler end pin up through slot on bottom of idler endcap, around and into seat for pin. If shade does not include spring-assist, skip to Step 7.

**Caution:** For Spring Assist: Operator MUST BE installed as unit was ordered when spring-assist is used. For example, a unit ordered with right-hand operator in “standard-roll” orientation will only work in left-hand idler position with standard-roll orientation. Unit will not operate correctly if installer attempts to change operator location or roll direction.

3. Remove Safety Screw from top idler endcap, then remove slide (you will need this again later) (Fig. 5).
4. Slip notches on operator end into other endcap, then press down to lock in place (Fig. 6). Swing idler end into place. Slide idler end spear up into receiver. It may be necessary to compress spring-loaded spear.
5. Replace Slide and Safety Screw. Place into groove at an angle, slide up, and make sure bottom of slide is hooked into Receiver (Fig. 5).
6. The Spear Retaining Clip must be installed around idler end shaft (Fig. 6) to prevent roller assembly from moving left or right during operation.
7. Make sure that all mounting hardware is secure and fully tightened.
8. Set upper and lower travel limits by installing stop balls to bead chain (crimp closed using pliers) (Fig. 7).

**Caution:** Do not allow shade roller to become exposed by running shade fabric too far down. Be sure to 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.

### Section 2 - Bead Chain Limits and Safety Device Installation

#### Section 2.1 - Attaching Stop Balls

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

#### Section 2.2 - P-Clip Cord Tension Device

**Please Note:** Draper Bead Chain Clutch Operated shades that do not comply with WMCA/ANSI Standard A100.1-2018 come with a cord tension device pre-attached to bead chain (Fig. 8). 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. (See safety note on page 2).

For more information, visit [https://www.draperinc.com/windowshades/wcmacompliance.aspx](https://www.draperinc.com/windowshades/wcmacompliance.aspx)

**Please Note:** Overtightening screws will damage Spring Loaded Tension Device.
Section 3 - Fascia

1. Place groove along top of fascia over endcaps, and snap into place (see Fig. 10).

**Please Note:** Fascia is not fully seated until it clicks into place on both ends. Once in place, check for secure fit.

Section 4 - Headbox

1. Snap endcap covers onto endcaps.
2. Place endcaps into back/top portion of wall/ceiling headbox or into pocket extrusion of pocket headbox. Using pre-drilled holes in endcaps, mark headbox for drilling.
3. Drill holes in top of headbox.
4. Attach endcaps and headbox back/top or pocket headbox extrusion to ceiling or pocket using mounting hardware appropriate for site conditions. Installer is responsible for selecting mounting hardware appropriate for site conditions.
5. Install shade (see "Shade Fabric/Roller mounting" section above).
6. Attach headbox fascia or closure (Fig. 11). Note on fascia style headbox: Surface Headbox fascia is not fully seated until it clicks into place on both ends. Once in place, check for secure fit. If not secure, secure with appropriate fastener (not included).

**Caution:** When mounting into a headbox, unit must be ceiling mounted with fasteners through clutch and idler brackets. Headbox extrusion cannot be mounted to a structure unless XD brackets are secured inside extrusion.

Section 5 - Dimensions

### FlexShade XD® Dimensions

When measuring shade height, remember to include endcaps and wall brackets, fascia or headbox.

<table>
<thead>
<tr>
<th>Headbox</th>
<th>Small</th>
<th>Large</th>
</tr>
</thead>
<tbody>
<tr>
<td>A¹</td>
<td>3 3/16”</td>
<td>4 3/16”</td>
</tr>
<tr>
<td>B¹</td>
<td>3 3/16”</td>
<td>4 3/16”</td>
</tr>
<tr>
<td>C</td>
<td>1 1/8”</td>
<td>1 1/8”</td>
</tr>
<tr>
<td>D</td>
<td>1 1/8”</td>
<td>2 1/4”</td>
</tr>
<tr>
<td>E</td>
<td>1 3/8”</td>
<td>1 3/8”</td>
</tr>
<tr>
<td>F</td>
<td>1 1/16”</td>
<td>1 1/16”</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fascia</th>
<th>Small</th>
<th>Large</th>
</tr>
</thead>
<tbody>
<tr>
<td>A²</td>
<td>3 3/16”</td>
<td>4 3/16”</td>
</tr>
<tr>
<td>B²</td>
<td>3 3/8”</td>
<td>4 3/8”</td>
</tr>
<tr>
<td>C</td>
<td>1 1/8”</td>
<td>1 1/8”</td>
</tr>
<tr>
<td>D</td>
<td>1 1/8”</td>
<td>2 1/8”</td>
</tr>
<tr>
<td>E</td>
<td>1 1/16”</td>
<td>1 1/16”</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Endcaps</th>
<th>Small</th>
<th>Large</th>
</tr>
</thead>
<tbody>
<tr>
<td>A3</td>
<td>3 1/4”</td>
<td>4 1/4”</td>
</tr>
<tr>
<td>B3</td>
<td>3 3/8”</td>
<td>4 3/8”</td>
</tr>
<tr>
<td>C</td>
<td>1 1/8”</td>
<td>1 1/8”</td>
</tr>
<tr>
<td>D</td>
<td>1 3/16”</td>
<td>2 3/16”</td>
</tr>
<tr>
<td>E</td>
<td>1 3/16”</td>
<td>1 3/16”</td>
</tr>
<tr>
<td>F</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

* For Wall Mounting Bracket, add 3/16” to A3 and B3.