Installation Instructions
Fascia for Motorized Dual Roller FlexShade

Tools Required:

- Tape Measure
- Pencil
- Power Drill
- Fastening Hardware (By others)

Mounting Endcaps (Brackets)

1. Snap endcap covers onto endcaps. The proper orientation of Left-Hand, Right-Hand, Front and Back is molded into endcap covers (see Fig. 1).
2. Mark wall, jamb or ceiling for placement of mounting endcaps.
3. Drill small starter hole (if necessary) in mounting surface.
4. Mount endcaps using appropriate fasteners for surface.

**NOTE:**
The installer is responsible for selecting appropriate mounting hardware for site conditions.

5. Place operator (motor) end of rear shade into its endcap (Fig. 2).
6. Slide notched pin into idler endcap. Secure with retainer clip and lock into place with rotating idler lock. (see Fig. 3)

Installing Fascia

7. Use cord strap to secure electrical cord to endcap. This will prevent the electrical cord from getting caught on the roller and causing damage to the shade.
8. Repeat with front shade.

Operator End

Caution: Before mounting shades, verify measurements on the card provided with the shade, and ensure the endcaps are installed at the correct width.

9. Place groove along top of fascia over endcaps, and snap into place (Fig. 4). Fascia is not fully seated until it clicks into place on both ends.

10. Once in place, check for secure fit. If not secure, secure with appropriate fastener (not included).

Continued

If you encounter any difficulties installing or servicing your Fascia for Dual Roller FlexShade System, call your dealer or Draper, Inc., Spiceland, Ind., (765) 987-7999 or fax (765) 987-7142.
Pocket Headbox Installation
The Dual Roller FlexShade can also be installed in a pocket in the ceiling. You must provide adequate clearance for removal of the Roller Assembly during installation and maintenance. The Pocket Headbox for the Dual Roller FlexShade must be mounted directly to the ceiling, or to a continuous blocking that has been secured to the building structure (see Fig. 6 below).

1. Lift the headbox into mounting position. Mark the location of the optional pre-drilled pocket mounting holes and the Endcap mounting holes on the top side of the headbox (Fig. 6) on the ceiling or continuous blocking.

   - Drill small starter hole (if necessary) in mounting surface.
   - Mount pocket headbox using appropriate fasteners for surface.

**NOTE:**
The installer is responsible for selecting appropriate mounting hardware for site conditions.

2. Mount endcaps using appropriate fasteners for surface. Refer to "Mounting Endcaps" section, steps 1 through 3 beginning on page 1.

3. Wall Switch Adjustments

   **CAUTION:** Be sure all switches are in "off" position before adjusting limit switches. Always be prepared to shut off manually when new adjustment is being tested. Do not allow the shade roller to become exposed by running the shade fabric too far down. Shade may be severely damaged if allowed to run too far up or down. If using group control system, each shade's limit switch must be set.

   **Push Button Limits**
   1. Fully depress both limit switch push buttons, then operate wall switch to make sure system works properly.
   2. Raise shade to desired "up" stop position.
   3. Set upper limit by depressing and releasing the proper (back) push button.
   4. Lower shade to desired "down" stop position.
   5. Set lower limit by depressing and releasing the proper (front) push button.

   **Screw-Type Limits**
   1. Determine which direction of fabric travel corresponds with arrows on motor.
   2. Operate shade to desired "down" stop position. Set limit by turning the proper socket toward the "+" to lower the limit, and "-" to raise it.
   3. Operate shade to desired "up" stopping position. Set limit by turning the proper screw toward the "-" to raise the limit, and "+" to lower it.

4. Limit Adjustments (Built-in Low Voltage Motors—See Fig. 8) (ILT Motors)
   1. Connect the ILT switch to the motor via the terminal blocks, or via the modular port using four conductor modular cable. When using modular cable, the cable connectors MUST NOT be crimped in reverse, as with standard telephone cable.
   2. Set the slide switch to the lower position. Press and hold the DOWN button on the switch to move the viewing surface to the desired lower limit. If the shade moves in the opposite direction, release the DOWN button and press and hold down the STOP button for four seconds. This will reverse the operation of the UP and DOWN switches.
   3. Move slider switch into center position. Wait a couple of seconds.

   **Please Note:** If you move the slider switch from down to up in one motion it sets the two limits in the same position.
   4. Set the slide switch to the higher position. Move the shade to the desired upper limit by pressing and holding the UP button on the wall switch.
   5. Return the slide switch to the center position to return to normal operation.
   6. To set the shade to an intermediate position, move the shade to the desired position and press the STOP button. Press and hold the STOP button for at least three seconds to record the position.

   **Please Note:**
   Pressing and releasing the UP button on the switch will move the shade to its upper limit.

   Pressing and releasing the DOWN button will move the shade to its lower limit.

   While the motor is in motion, pressing the STOP button for less than two seconds will stop the shade at its present position.

   Once the motor is stopped, pressing the STOP button will move the shade to its intermediate position.

   Pressing and holding the STOP button, when the motor is at rest or in motion, for at least three seconds will record a new position.
Endcap & Fascia Dimensions

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

Overall Width

Slat Bar

Fabric Width = Overall Width - Dim A

Shade Height*

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" wide on the exposed roller (where the fabric will cover it) on the side that you want the fabric drawn toward. For example: if the fabric is tracking to the left, place the tape on the right side.

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 may also be cleaned by using a sponge or soft cloth and mild solution of warm soapy water. A dishwashing liquid, such as Ivory liquid, is recommended. A clean dry cloth is recommended for the metal finish.

Exceptions are Flocké, Roc-Rol, Vizela, Avila Twilight, Edessa Twilight and SW7000 fabrics, which must be cleaned with a dry art sponge.

Dual Roller Pocket Headbox Dimensions

Shade Width and Rough Opening will vary depending on motor selection.
Controls & System Overview

Sonesse 120VAC Motors

- 120V MOTOR
  - M12 Connector
  - Control Switch
    - Single Gang Box (by others)
  - 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.

Do not wire motors in parallel without written permission from Draper.

Controls & System Overview

Sonesse RTS 120VAC Motors

- RTS MOTOR 120V
  - M12 Connector
  - Telis 1 RF Remote
  - Deco Flex Wireless Keypad
  - 110-120V Line

Controls & System Overview

Sonesse 485 120VAC Motors

- 110V Outlet
- 110V Transformer
- Wall Switch

Sonesse 24V DC Motors

- Single Dry Contact Motor
  - 24V MOTOR
  - Wall Switch (Max 6 Motors per switch)
  - 24V Power Panel
  - 5, 10, 15, 20
  - 110-120V Line

- Multiple Dry Contact Motors
  - 24V MOTOR
  - Wall Switch
  - 24V Power Panel
  - 5, 10, 15, 20
  - 110-120V Line

- M12 Connector for 3-Wire Motors
  - Ø 0.61" 15.5 mm
  - 12" 30.5 cm Standard
  - 60" 1.5 m Standard
  - 2 - WHITE
  - 1 - BLACK
  - 3 - RED
  - 4 - GREEN

- M12 Connector for 4-Wire Motors
  - Ø 0.61" 15.5 mm
  - 12" 30.5 cm Standard
  - 60" 1.5 m Standard
  - 2 - WHITE
  - 1 - BLACK
  - 3 - RED
  - 4 - GREEN

Dashed Wiring by Electrician

Data Cable with RJ45 Connector

To Switch & 120VAC

To Next DATA HUB