Exterior Motorized FlexShade®
Outdoor shading system with smooth, quiet operation and independent control

Please check all appropriate selections and attach room schedule with verified dimensions.

Fabric Series: ________________________________
Color Name / Number: ________________________________
Openness Factor: ________________________________

Please see Draper® Fabric Options for fabric colors and specifications.

Select Hardware

Select Headbox Style
- Curved
- Square

Select Hardware Finish
- Black
- Bronze
- Ivory
- White
- Sand
- Silver

Select Cable Exit Location
- None (standard)
- Top
- Side
- Back

Select Liner Options
- Headbox
- Side Channel
- Hem Bar
- Vinyl bulb seal
- .140” (3.6mm)
- .450” (11.4mm)
- .310” (7.9mm)
- 1” (25mm) height liner

Select Guide Type
- Side Channel
- Wall Mount
- Deck Mount

Select Motor Location (front view)
- Right (standard)
- Left

Select 120V AC Operator
- Sonesse® RTS (standard)
- Sonesse® 120V Motor

Select Interior Control Options
- RTS
- Wireless Wall Switch
- Decora RTS 1-Channel
- White (standard)
- Ivory
- Decora RTS 5 Channel
- White (standard)
- Ivory

Select Exterior Control Options
- Telis 1 Patio Exterior Remote
- Telis 4 Patio Exterior Remote
- 1 Channel Soliris Patio Remote
- 4 Channel Soliris Patio Remote

Select Exterior Sensors
- Ondeis® WireFree Rain/Sun Sensor
- Sunis Outdoor WireFree Sun Sensor
- Eolis-RTS Wind Sensor
- Soliris-RTS Wind/Sun Sensor

Please Note: For more information about operators and controls, see installation instructions.

Available Sizes:

<table>
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<th>WIDTH</th>
<th>2’ (61cm)</th>
<th>3’ (91cm)</th>
<th>4’ (122cm)</th>
<th>5’ (152cm)</th>
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* Maximum size will vary according to fabric selection.
Exterior Motorized FlexShade®

Specifications

**EXTERIOR MOTORIZED SHADING SYSTEM:** Electrically operated, motorized, vertical roll-up, fabric shading system. Assembly includes motor operator, controls, mounting hardware, and other components necessary for complete installation. Exterior Motorized FlexShade® as manufactured by Draper®, Inc.

**ELECTRIC OPERATOR:** Tubular motor concealed inside shade roller tube. **LOCATION:** Right hand: standard; Left hand: as scheduled.

**STANDARD MOTOR:** Sonesse® Radio Technology Motor: 110-120V AC, single-phase, 60 Hz, instantly reversible, lifetime lubricated motor with a built-in radio receiver, equipped with internal thermal overload protector, electric brake, and preset accessible limit switches. (Compatible with Wireless Radio Technology Controls.)

**OPTIONAL WIRED MOTOR:** Sonesse® 110-120V AC, single-phase, 60 Hz, instantly reversible, lifetime lubricated, and equipped with internal thermal overload protector, electric brake, and preset accessible limit switches.

**ROLLER:** 2.364 inch (60 mm) outside diameter (at manufacturer’s discretion); aluminum.

**ROLLER IDLER ASSEMBLY:** Plastic idler end insert into roller will fit over steel pin and rotate on pin with use of sealed bearing. Steel pin connects to bearing mounted to bracket mounted inside the headbox. Systems not using sealed bearings are not acceptable.

**FABRIC CONNECTION TO ROLLER TUBE:** Fabric panel is attached with double-sided adhesive (LSE) to the roller tube at the top, and to the hem bar at the bottom.

**HEM BAR:** Weighted aluminum. Optional bottom liners.

**HEADBOX:** Cassette-style extruded aluminum sections. 3 5/8” x 3 5/8” (92 mm x 92mm) by length required for shade being provided.

**SHAPE:** Square, Curved.

**FINISH:** Silver, black, sand, white, ivory, or bronze powder coat.

**PATENT INFORMATION:**
http://www.draperinc.com/legal/patents

**DOWNLOADABLE 3-PART SPECIFICATIONS:**
www.draperinc.com

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

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Dimensions

- Shade Width
- Fabric Width
- Shade Height
- Hem Bar Length
- Side Channel Length

**SIDE CHANNEL OPTION**

- 1 3/16” (30mm)

**SIDE CABLE OPTION**

- 2 1/4” (57mm)
- 1 5/8” (41mm)

- 1/4” (6mm) Both Sides

- Gap between Hem Bar & Side Channel
### Optional Channel Adaptors

**C073.002**

- **Width:** 1½" (38mm)
- **Height:** 1½" (38mm)
- **Depth:** 1½" (38mm)

**C090.053**

- **Width:** 1¼" (29mm)
- **Height:** ¾" (19mm)
- **Depth:** ¾" (19mm)

**C090.054**

- **Width:** 1¼" (29mm)
- **Height:** 1¼" (29mm)
- **Depth:** 1¼" (29mm)

**C104.148**

- **Width:** 1½" (38mm)
- **Height:** 1½" (38mm)
- **Depth:** 1½" (38mm)

### Wall Mounting Bracket

**Width:** 4" (102mm)

- **Height:** 3½" (92mm)

**NOTE:** Mounting brackets attach to surface with #10 Flat Head Screw.

### Hem Bar Liners

*Please Note: Liner is factory installed (if ordered).*

- **C037.002:** 0.140" (3.6mm) height liner
- **C037.003:** 0.310" (7.9mm) height liner
- **C037.004:** 0.450" (11.4mm) height liner
- **C037.015:** 1" (25mm) height liner
- **C086.011:** Vinyl bulb seal

### Wired Diagrams

#### Controls & System Overview

**Sonesse® 120VAC Motors**

- **120V MOTOR**
- **10-120V Live**
- **Control Switch**
- **Single Gang Box (by others)**

**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.

**Sonesse® RTS 120VAC Motors**

- **RTS MOTOR**
- **10-120V Live**
- **Control Switch**
- **Decora RTS Wireless Keypad**

**Please Note:** Quick disconnect and NEMA 3 prong plugs provided by others.

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