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

**Select Number of Shades per Unit**
- Single Roller (Standard)
- Dual Roller (Supplemental Fabric & Hardware Sheet Required)

Please Note: If you are specifying a Dual Roller FlexShade, please complete the options BELOW and attach the Motorized Dual Roller Fabric and Hardware Planning Sheet.

**Select Motor Location**
As seen from INSIDE the room facing the window. Also indicate on room schedule.
- Right Side (standard)
- Left Side

**Select 120V AC RTS Motor**
- Sonesse RTS
- Sonesse Ultra RTS

**Select Control Options**
For specific control option, indicate Draper Part Number(s) in the space provided.
- Handheld Remote:
- Wireless Wall Switch:
- Optional Accessories (consult DraperInc.com):

**Coupled Shades**
- Yes (How Many Fabric Panels? ). Also indicate on room schedule.
- No

**Select Fabric Orientation**
- Regular Roll (from back of roller)
- Reverse Roll (from front of roller)

**Select Fabric Attachment**
- Standard
- Optional Spline Attachment

**Select Slat Style**
- Closed Pocket - 1" (25mm) Elliptical (standard)
- Open Pocket - 1" (25mm) Elliptical
- Small Flat Exposed Hem Bar
- Large Flat Exposed Hem Bar
- Round Exposed Hem Bar
- 1 3/16" (30mm) Tube
- 5/8" (16mm) Tube
- None

**Single Roller Motorized Shade Options**

| Fabric Series: | ____________________________ |
| Color Name / Number: | ____________________________ |
| Openness Factor: | ____________________________ |

Please visit Draper Fabric Options for fabric colors and specifications.

**Select Single Roller Hardware**
- Brackets Only
- Wall
- Ceiling
- Endcaps Only
- Endcaps w/Fascia
- Surface Headbox (Fascia & Top/Back Cover)
- Headbox
  - Pocket Style Headbox
  - Type "D" Pocket w/Tile Lip (White; not available w/ 3" roller)
  - Custom Headbox
- Wall Clip
  - With Ceiling Tile Lip
  - Without Ceiling Tile Lip
- Closure Panel for Wall Clip, Type "D" Pocket or Custom Headbox
  - 1 3/4" (68mm)
  - 3" (76mm)
  - 5" (127mm) (For Wall Clip and Custom Headbox Only)
- Light Gap Reduction Hardware
  - 'L' Angle
  - 'U' Channel
  - 'H' Channel
  - Channel Liners

**Select Hardware Finish** (does not apply to Type "D" Pocket)
- Clear Anodized (standard)
- Black
- White
- Ivory
- Bronze
- Custom (Contact Draper)

Available Sizes:

<table>
<thead>
<tr>
<th>Width</th>
<th>2'</th>
<th>3'</th>
<th>4'</th>
<th>5'</th>
<th>6'</th>
<th>7'</th>
<th>8'</th>
<th>9'</th>
<th>10'</th>
<th>11'</th>
<th>12'</th>
<th>13'</th>
<th>14'</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>2'</td>
<td>3'</td>
<td>4'</td>
<td>5'</td>
<td>6'</td>
<td>7'</td>
<td>8'</td>
<td>9'</td>
<td>10'</td>
<td>11'</td>
<td>12'</td>
<td>13'</td>
<td>14'</td>
</tr>
</tbody>
</table>

Sizes requiring large endcaps/brackets will vary according to fabric.

- Small endcaps/brackets and 2" (51mm) roller are recommended.
- Large endcaps/brackets and 3" (76mm) roller may be required.
Specifications

120V AC RTS Motorized FlexShade®

EQUIPMENT

SONNESSE ULTRA RTS 506 (C047.245): Drive unit inside roller, 3-wire, instantly reversible, lifetime lubricated. Right hand motor standard. Left hand available. Built-in radio receiver. Limit switches adjustable by wall switch or remote control. Thermal overload protector and electric brake. Operates on 110-120VAC 1 PH 60 HZ current. Draws 0.95 Amps. Sound level ≤ 38 Db.


MOUNTING BRACKETS: 1018 plated steel stamping. 2 SIZES: 1 1/2” (41mm) and 2 1/4” (57mm). Styles for mounting to wall, ceiling, or jamb. Brackets do not require additional adapters.

ROLLER IDLER ASSEMBLY: Type 5/8” injected molded nylon and a zinc-plated cold rolled steel pin. Sliding pin for easy installation and removal of the roller.

SLAT: Aluminum, min. 1/8” x 1” (3 x 25mm), encased in heat seamed hem.

ENDCAPS: 1028 steel stamping. 2 SIZES: 1 5/8” (41mm) and 2 ¼” (57mm).

ENDCAP COVERS: Plastic covers snap onto endcaps. Available in silver, ivory, bronze, black or white to match fascia.

FASCIA: “L” cover of extruded aluminum. 1.5mm wall. Fascia snaps onto endcaps. Clear Anodized (standard), black, white, ivory, or bronze powder coat finish available. Continuous fascia available with coupled units.

HEADBOX: Consists of fascia, “L” shaped back/top cover. Endcaps slide into extrusion without exposed fasteners.

POCKET HEADBOX: Optional, for pocket installation, includes a “U” shaped back/top/front cover with removable bottom closure panel. SMALL SIZE: 3 1/4” x 3 3/4” (83x100mm). LARGER SIZE: 4 5/8” x 4 3/4” (119x119mm). Some exposed fasteners required.

TYPE D POCKET: Type D Shade Pocket, to be of extruded aluminum for perimeter installation. Accepts FlexShades installed with ceiling brackets. Finished in white paint. 5” x 5 3/8” x .125” (127x136x3mm) with 3/4” (22mm) tile support lip & removable bottom closure.


“L” ANGLE: 3/4” x 1” x 12 3/4” (1.9x2.5x373cm); 1” x 2 1/4” x 16” (2.5x7x488cm) or cut to length.

“U” CHANNEL: 1” x 2 1/2” x 16” (2.5x7.6x488cm) 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 shall be retractable into coupler assembly for ease of installation and to lock units in place. Zinc plated steel coupler brackets shall have spherical OD bearings allowing for misalignment of the mounting brackets of up to 1.25-degrees. One motor or crank operator to drive additional shade rollers. Patent pending.


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

Hardware Selections

Please Note: Brackets and endcaps have the attachment points for mounting a Motorized FlexShade. Optional fascia and headbox have a thickness of 1/8” (1.5mm).

Wall Mounting Bracket

Ceiling Mounting Bracket

Fascia with Ceiling / Wall Mounting Endcaps

Headbox Installation Options

Surface Headbox

Consists of:
• Fascia, Back/Top Cover
• Ceiling/Wall Endcaps

Type D Pocket

Consists of:
• Extruded aluminum pocket.
• A lip supports lay-in ceiling.
• Pre-welded corners and ends available.
• Ends with or without tile support lip.

Pocket Style Headbox

Consists of:
• Extruded pocket
• Bottom closure panel
• Ceiling/Wall Endcaps

Typical pre-welded corner section (not to scale)

With 3” (127mm) Closure

with 1 1/8” (38mm) Closure

1 1/4” x 1” x 12’ (31.8cm x 2.5cm x 3.6m)

3/4” x 1” x 12’ (1.9cm x 2.5cm x 3.6m)

1 1/4” x 1” x 12’ (31.8cm x 2.5cm x 3.6m)

3/4” x 1” x 12’ (1.9cm x 2.5cm x 3.6m)

1 3/16” x 1” x 12’ (2.5cm x 2.5cm x 3.6m)

1 1/16” x 1” x 12’ (2.5cm x 2.5cm x 3.6m)

Closure & Wall Clip Options

Closure Options

Wall Clip Options

With Tile Lip

Without Tile Lip

1 3/16” x 1” x 12’ (2.5cm x 2.5cm x 3.6m)

1 1/16” x 1” x 12’ (2.5cm x 2.5cm x 3.6m)

Preset Dimensions of rollers, operators and hardware at manufacturer’s discretion.
**Motorized FlexShade Dimensions**

Fascia Overall Width includes plastic endcap covers. Pair adds \( \frac{5}{8}'' \) (3mm) to Overall Width of Small Hardware; \( \frac{3}{16}'' \) (5mm) to Overall Width of Large Hardware.

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**HEADBOX WITH ENDCAPS**

<table>
<thead>
<tr>
<th></th>
<th>SMALL</th>
<th>LARGE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A1</strong></td>
<td>3 ( \frac{15}{16}'' ) 100mm</td>
<td>4 ( 1\frac{11}{16}'' ) 119mm</td>
</tr>
<tr>
<td><strong>B1</strong></td>
<td>3 ( \frac{7}{16}'' ) 87mm</td>
<td>4 ( 1\frac{11}{16}'' ) 119mm</td>
</tr>
<tr>
<td><strong>C1</strong></td>
<td>1 ( \frac{1}{2}'' ) 38mm</td>
<td>1 ( \frac{5}{8}'' ) 41mm</td>
</tr>
<tr>
<td><strong>D1</strong></td>
<td>5( \frac{1}{8}'' ) 16mm</td>
<td>5( \frac{1}{8}'' ) 16mm</td>
</tr>
<tr>
<td><strong>E1</strong></td>
<td>( \frac{1}{16}'' ) 1.6mm</td>
<td>3( \frac{3}{32}'' ) 2.4mm</td>
</tr>
</tbody>
</table>

**ENDCAPS WITH FASCIA**

<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td><strong>A1</strong></td>
<td>3 ( 7\frac{5}{8}'' ) 98mm</td>
<td>4 ( 5\frac{5}{8}'' ) 117mm</td>
</tr>
<tr>
<td><strong>B1</strong></td>
<td>3 ( 3\frac{3}{8}'' ) 86mm</td>
<td>4 ( 5\frac{3}{8}'' ) 117mm</td>
</tr>
<tr>
<td><strong>C1</strong></td>
<td>1 ( 1\frac{1}{2}'' ) 38mm</td>
<td>1 ( 5\frac{1}{8}'' ) 41mm</td>
</tr>
<tr>
<td><strong>D1</strong></td>
<td>5( \frac{5}{8}'' ) 16mm</td>
<td>5( \frac{5}{8}'' ) 16mm</td>
</tr>
<tr>
<td><strong>E1</strong></td>
<td>( \frac{1}{16}'' ) 1.6mm</td>
<td>3( \frac{3}{32}'' ) 2.4mm</td>
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</table>

**BRACKETS**

<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td><strong>A</strong></td>
<td>2( \frac{1}{2}'' ) 64mm</td>
<td>3 ( \frac{1}{4}'' ) 83mm</td>
</tr>
<tr>
<td><strong>B</strong></td>
<td>2'' 51mm</td>
<td>2 ( 5\frac{1}{8}'' ) 67mm</td>
</tr>
<tr>
<td><strong>C</strong></td>
<td>1( \frac{5}{8}'' ) 41mm</td>
<td>2 ( \frac{1}{4}'' ) 57mm</td>
</tr>
<tr>
<td><strong>D</strong></td>
<td>2'' 51mm</td>
<td>2 ( 5\frac{1}{8}'' ) 67mm</td>
</tr>
<tr>
<td><strong>E</strong></td>
<td>( \frac{3}{4}'' ) 20mm</td>
<td>( \frac{3}{4}'' ) 20mm</td>
</tr>
</tbody>
</table>

* For Fascia, Subtract \( \frac{1}{16}'' \) (1.6mm) from dimensions A and D
Motorized FlexShade® RTS AC with Sonesse RTS or Sonesse Ultra RTS 120VAC Operator

FlexShade Components

Wiring Diagrams

Controls & System Overview
Sonesse RTS 120VAC Motors

- RTS MOTOR 120V
- 110-120V Line

M12 Connector for 3-Wire Motors

1' (30cm) motor lead with male M12 connector provided attached to each shade motor

Other motor cables available upon request:
- 5' (1.5m) cable with female M12 Connector
- 3' (0.91m) Motor cable with 3-prong NEMA plug
- 6' (1.83m) Motor cable with 3-prong NEMA plug
- 10' (3m) Motor cable with 3-prong NEMA plug
- 24' (7.32m) Motor cable with 3-prong NEMA plug