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 Motor
- □ Sonesse Motor (standard)
- □ Sonesse Ultra Motor

Select Control Options
- □ 120V Wall Switch for Single Shade Control
- □ Low Voltage and/or Multiple Shade Control

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 1/2” (38mm)
- □ 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:

WIDTH:
- □ 2’
- □ 3’
- □ 4’
- □ 5’
- □ 6’
- □ 7’
- □ 8’
- □ 9’
- □ 10’
- □ 11’
- □ 12’
- □ 13’
- □ 14’

HEIGHT:
- □ 2’
- □ 3’
- □ 4’
- □ 5’
- □ 6’
- □ 7’
- □ 8’
- □ 9’
- □ 10’
- □ 11’
- □ 12’
- □ 13’
- □ 14’

* 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.
Motorized FlexShade® AC

Specifications

EQUIPMENT
SONESSE 506 (C047.250): Drive unit inside roller, 4-wire, instantly reversible, lifetime lubricated. Right hand motor location standard. Left hand available. Adjustable limit switches, thermal overload protector and electric brake. Operates on 110-120V AC 1 PH 60 HZ current. Draws 1.2 Amps. Sound level ≤ 45 dBA.
SONESSE 510 (C047.251): Drive unit inside roller, 4-wire, instantly reversible, lifetime lubricated. Right hand motor location standard. Left hand available. Adjustable limit switches, thermal overload protector and electric brake. Operates on 110-120V AC 1 PH 60 HZ current. Draws 1.6 Amps. Sound level ≤ 47 dBA.

HARDWARE
ROLLERS: Extrudefed aluminum or steel. Roller assembly easily removable.
MOUNTING BRACKETS: 1018 plated steel stamping. 2 SIZES: 1 5/8" x 1 ½" (3 x 25mm) and 2 ¼" x 1 ½" (57mm). Styles for mounting to wall, ceiling, or jamb. Brackets do not require additional adapters.
ROLLER IDLER ASSEMBLY: Type 6/6 injected molded nylon and a zinc-plated cold rolled steel pin. Sliding pin for easy installation and removal of the roller.
SLAT: Aluminum, min. 1/16" x 1" (3 x 25mm), encased in heat seamed hem.
ENDCAPS: 1028 steel stamping. 2 SIZES: 1 5/8" x 1 ½" (41mm) and 2 ¼" (57mm). Complete with adapter roller bracket. Installs to wall, ceiling, or jamb. Accepts fascia or headbox.

Fascia with Ceiling / Wall Mounting Endcaps

ENDCAP COVERS: Plastic covers snap onto endcaps. Available in silver, ivory, bronze, black or white to match fascia.
FASCIA: "L" cover of extruded aluminum. .060 (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.
SURFACE 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 ⅝" x 3 ⅝" (98x100mm). LARGE SIZE: 4 ⅞" x 4 ⅞" (119x119mm). Some exposed fasteners required.
TYPE D POCKET: Type D Shade Pocket, to be fabricated of steel for perimeter installation. Accepts FlexShades installed with ceiling brackets. Finished in white paint. 5" x 5 ¾" x .125" (127x136x3mm) with ⅜" (22mm) tile support lip & removable bottom closure.

"L" ANGLE: 1/8" x 1' (1.0x2.5cm); 1/4" x 2' (3.2x5.1cm); 1/2" x 2' (5.1x6.1cm) or cut to length.
"U" CHANNEL: 1" x 1" x 16' (2.5x2.5x488cm) 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 1/16" (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

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

Type D Pocket
Consists of:
• Fabricated steel pocket.
• A lip supports lay-in ceiling.
• Pre-welded corners and ends available.
• Ends with or without tile support lip.

Typical pre-welded corner section (not to scale)

Closure & Wall Clip Options

Wall Clip Options
With Tile Lip
Without Tile Lip
### Motorized FlexShade Dimensions

Fascia Overall Width includes plastic endcap covers. Pair adds 1/8" (3mm) to Overall Width of Small Hardware; 3/16" (5mm) to Overall Width of Large Hardware.

<table>
<thead>
<tr>
<th>SURFACE HEADBOX WITH ENDCAPS*</th>
<th>ENDCAPS WITH FASCIA</th>
<th>BRACKETS</th>
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<tbody>
<tr>
<td><strong>SMALL</strong></td>
<td><strong>LARGE</strong></td>
<td><strong>SMALL</strong></td>
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<tr>
<td>A&lt;sup&gt;1&lt;/sup&gt;</td>
<td>3 15/16&quot;</td>
<td>100mm</td>
</tr>
<tr>
<td>B&lt;sup&gt;1&lt;/sup&gt;</td>
<td>3 7/16&quot;</td>
<td>87mm</td>
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<td>C&lt;sup&gt;1&lt;/sup&gt;</td>
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<td>1.6mm</td>
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### BRACKETS

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<thead>
<tr>
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<tbody>
<tr>
<td>A</td>
<td>2 1/2&quot;</td>
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<td>B&lt;sup&gt;2&lt;/sup&gt;</td>
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<td>C&lt;sup&gt;2&lt;/sup&gt;</td>
<td>1 5/8&quot;</td>
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</tr>
<tr>
<td>E&lt;sup&gt;2&lt;/sup&gt;</td>
<td>3/4&quot;</td>
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* For Fascia, Subtract 1/16" (1.6mm) from dimensions A and D.
Motorized FlexShade® AC with Sonesse or Sonesse Ultra
120VAC Operator

Controls & System Overview
Sonesse 120VAC Motors

- 120V MOTOR
- M12 Connector
- Control Switch
- Single Gang Box (by others)
- 110-120V Line

M12 Connector for 4-Wire Motors

- 12" (30.5 cm) 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) cable with female M12 Connector
  - 6' (1.83m) cable with female M12 Connector
  - 10' (3m) cable with female M12 Connector
  - 24' (7.32m) cable with female M12 Connector

Wiring Diagrams

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.

Dashed Wiring by Electrician