Bottom-Up FlexShade—Motorized Dual Roller

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

Select Operator:
- □ Standard 110-120V AC Motors (Located on the Bottom of the Shade)
  - □ Standard Motor
  - □ Quiet Motor
- □ Controls
  - 110-120V Wall Switch for Single Shade Control
  - Low Voltage and/or Multiple Shade Control*
- □ Standard Motor
- □ Quiet Motor
- □ Low Voltage and Multiple Shade Control

* Please see Draper’s IntelliFlex Controls Reference Sheet and IntelliFlex® Control System Planning Sheet to design a control solution for this product. The forms are available at www.draperinc.com, or by contacting Draper.

Select Hardware Finish
- □ Clear Anodized (standard)
- □ Black
- □ White
- □ Bronze

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

* IM Measure—Draper makes deductions for clearance within opening.
  OM Measure—No deduction made. Width shown will be overall dimension.

** Reverse Roll is accomplished by having the installer switch the idler end and operator end roller attachment brackets from one endcap to the other (see installation instructions for details). However, Draper needs to know if you are planning to install in this configuration so we can ensure the proper side of the fabric is facing the window.

Indicate shade fabric on rear roller. Front roller is the takeup roller for the lifting cables. Choose from the selection below, and refer to Shade Fabric Reference Sheet for colors and specifications.

Fabrics available:
- □ Draper GreenScreen® Revive
- □ Draper SunBloc SB9000
- □ Ferrari Soltis 99®
- □ Mermet Avila
- □ Mermet "E" Screen
- □ Mermet Flocké
- □ Mermet "M" Screen
- □ Mermet "S" Screen
- □ Mermet SilverScreen
- □ Mermet "T" Screen
- □ Mermet Vela
- □ Phifer SheerWeave® Basic
- □ Phifer SheerWeave® Infinity 2
- □ Phifer SheerWeave® PW3500/4100/4400
- □ Phifer SheerWeave® PW4500/4600
- □ Phifer SheerWeave® PW4550/4650
- □ Phifer SheerWeave® PW4700
- □ Phifer SheerWeave® PW4800
- □ Phifer SheerWeave® SW2000/2100
- □ Phifer SheerWeave® SW2400/2600/2800/2900
- □ Phifer SheerWeave® SW2701/2703/2705/2710
- □ Phifer SheerWeave® SW3000
- □ Phifer SheerWeave® SW5000
- □ Phifer SheerWeave® SW7000
- □ Phifer SheerWeave® SW7100

Please Note:
Bottom-up FlexShade is not recommended for inclined installation due to a tendency to sag in the fabric panel.

Continued
**Specifications—Motorized Dual Roller FlexShade**

Two rollers mounted to a single set of endcaps, to accept fascia.

**Method of Operation**

**Standard 110-120V AC Electric Operator:** 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 1.1 Amps. For controls, see IntelliFlex® Controls Reference Sheet and IntelliFlex Controls Planning Sheet.

**Quiet 110-120V AC Electric Operator:** 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 1.1 Amps. Operates at or below sound level of 44 Db. Call Draper for size limitations when using quiet motors.

**Quiet 110-120V AC Radio Technology Electric Operator:** Drive unit inside roller, 3-wire, instantly reversible, lifetime lubricated. **Right hand motor location standard.** Left hand available. Built-in radio receiver. Limit switches adjustable using wall switch or remote control. Thermal overload protector and electric brake. Operates on 110-120V AC 1 PH 60 HZ current. Draws 1.1 Amps. Operates at or below sound level of 44 Db. Call Draper for size limitations when using quiet motors.

**110-120V AC ILT Electric Operator:** Drive unit inside roller, 3-wire, instantly reversible, lifetime lubricated. **Right hand motor location standard.** Left hand available. Built-in encoder and low voltage controller with data cable. Limit switches adjustable using wall switch or remote control. Thermal overload protector and electric brake. Operates on 110-120V AC 1 PH 60 HZ current. Draws 1.1 Amps.

**110-120V AC ILT Quiet Electric Operator:** Drive unit inside roller, 3-wire, instantly reversible, lifetime lubricated. **Right hand motor location standard.** Left hand available. Built-in encoder and low voltage controller with data cable. Limit switches adjustable using wall switch or remote control. Thermal overload protector and electric brake. Operates on 110-120V AC 1 PH 60 HZ current. Draws 1.1 Amps. Operates at or below sound level of 44 Db. Call Draper for size limitations when using quiet motors.

**Hardware**

**Endcaps:** 1028 steel stamping. Complete with adapter roller bracket. Installs to wall or ceiling. Accepts fascia.

**Rollers:** Extruded aluminum or steel. Roller assembly easily removable. **Roller Idler Assembly:** Type 6/6 injected molded nylon and a spring-loaded or sliding pin for easy installation and removal of the roller.

**Fascia:** L-shaped cover of extruded aluminum. .060 wall. Assembly snaps onto endcaps without exposed fasteners. **Clear Anodized (standard),** black, white, ivory, or bronze powder coat finish available.

**Fabric Retainer:** ¼" OD .17" ID linear low-density polyethylene tubing, inside heat seamed hem.

**Hem-bar:** Machine extruded aluminum, finished to match fascia. **Clear Anodized (standard),** black, white, ivory, or bronze powder coat finish available. Includes built-in pulley assemblies for lifting cables.

**Lifting Cable:** 0.046" OD 7x19 strand low-stretch high fatigue nylon-coated cable.

**Shade Fabrics:** Please see Draper’s Shade Fabric Reference Sheet for specifications.
Dimensions

- **Dimensions**: A*, B*, C*, D*, F*
- **Motor**: Alternate pulley mounting location
- **Shade Height**: 7"
- **Shade Width**: 4¾"

* These dimensions are different for each shade and are provided by Draper with your order.
  - Dimension "A*" is the vertical cable spacing.
  - Dimension "B*" is the distance from the vertical cable spacing to the vertical edge of the shade.
  - Dimension "C*" is the distance from the idler-end of the tube to the center of the cable attachment stud.
  - Dimension "D*" is the distance from the operator-end of the tube to the center of the cable attachment stud.
  - Dimension "F*" is the distance from the wall/jamb to the center of the cable pulley.

Shade Width = Fabric Width + A

<table>
<thead>
<tr>
<th>Operator</th>
<th>Dim A</th>
</tr>
</thead>
<tbody>
<tr>
<td>110-220V Standard/ILT</td>
<td>1⅜&quot;</td>
</tr>
<tr>
<td>110-220V Quiet</td>
<td>1⅝/₁₆&quot;</td>
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</tbody>
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Bottom-Up FlexShade— Motorized Dual Roller by Draper

110-120V Standard and Quiet Shade Wiring Diagram

- Internal Shade Wiring
  - White (Common)
  - Black (Open)
  - Red (Closed)
  - Green (Ground)
- Control switch
  - Single gang box by others
  - Min. 4" x 2 1/4" x 1 7/8" deep
- Dashed wiring by electrician

110-120V Motors

- Internal Shade Wiring
  - White (Neutral)
  - Black
  - Green (Ground)

Radio Technology

Wall Switch or RF Receiver

- Dashed wiring by electrician

110-120V ILT Standard and Quiet Shade Wiring Diagrams

Single Low Voltage Control

- Internal Shade Wiring
  - White (Neutral)
  - Black
  - Green (Ground)

Multiple Low Voltage Controls

- Internal Shade Wiring
  - White (Neutral)
  - Black
  - Green (Ground)

- Data Cable
  - Wall Switch, RF or IR Receiver, or integrated control system
  - Optional splitter

- Wall Switches, RF or IR Receivers, or integrated control systems

Multiple ILT Motors

- to 110-120V Power Supply (Dashed wiring by electrician)
  - Optional Modular Splitter
  - Data Cable
  - Wall Switch, IR or RF Receiver or integrated control system

NOTE: This wiring diagram is for standard right-hand motor placement and fabric from rear of roller. For left hand motor placement with fabric from rear of roller, Red becomes “Open” & Black becomes “Closed.”

NOTE: Test shade operation. If shade direction does not correspond with the switch orientation, turn power back off then switch the red and black wires from the motor to the switch.

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