

# RB Basics Automated Roller Shades

## WHY CHOOSE RB BASICS AUTOMATED ROLLER SHADES?

Our RB Basics roller shade systems provide a solid entry point for value-conscious projects. This automated system fits a variety of window types and features a cost-effective, radio frequency OTTO™ motor.

Over 70 fabrics in more than 500 colors, including our high-performance KOOLBLACK® Technology and Cradle to Cradle Certified™ fabrics.

## KEY FEATURES

Smooth and reliable operating clutch technology

Value-based RF OTTO™ motor

Universal bracket systems

Multiple system sizes available to suit most standard applications

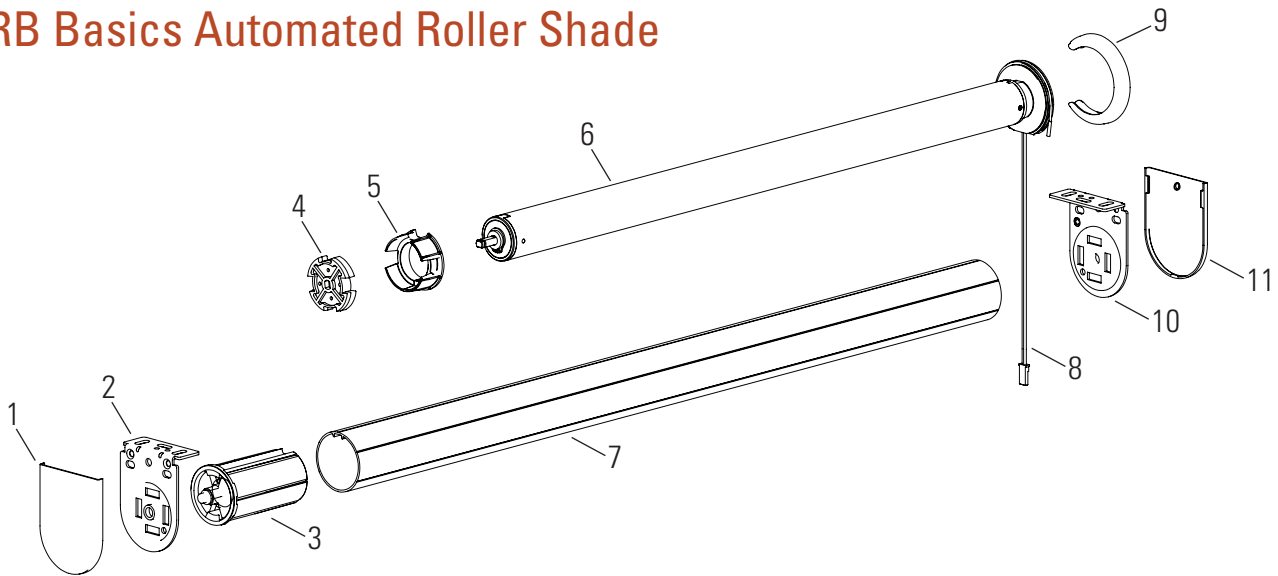
Spring-loaded idle end provides easy installation

No notch fascia systems available

Backed by our Lifetime Guarantee



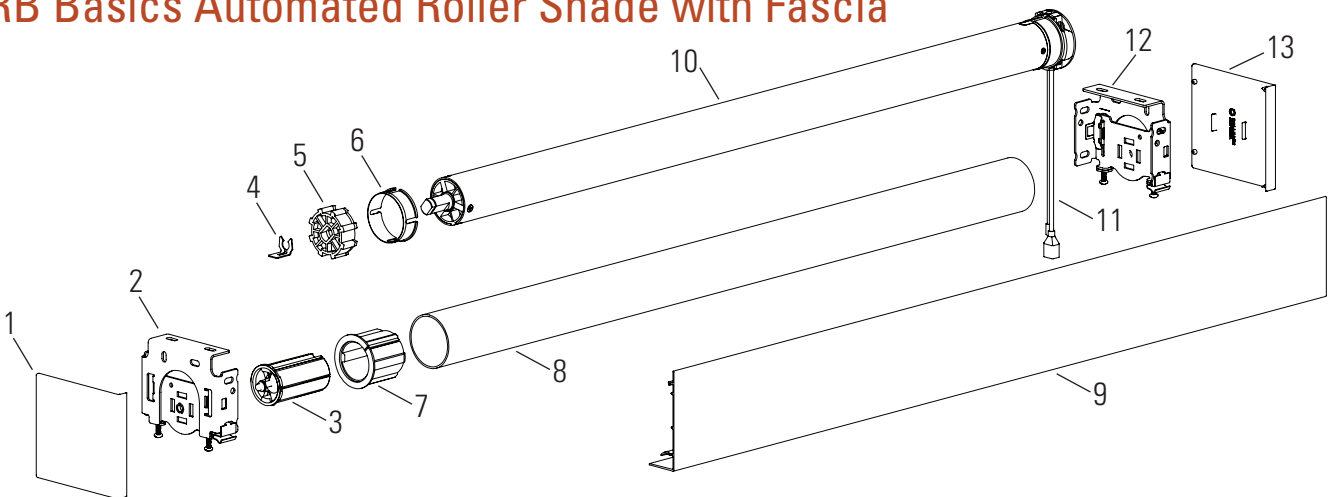
## | RB Basics Automated Roller Shade



### STANDARD PARTS

- |                  |   |                   |
|------------------|---|-------------------|
| 1. Bracket Cover | 6. Motor  | 10. Bracket       |
| 2. Bracket       | 7. Tube (available in 1.25", 1.5", 2" and 2.5") | 11. Bracket Cover |
| 3. Idle End      | 8. Motor Lead                                   |                   |
| 4. Drive         | 9. Motor Cover                                  |                   |

## | RB Basics Automated Roller Shade with Fascia



### STANDARD PARTS

- |                                       |  |                    |
|---------------------------------------|--|--------------------|
| 1. Fascia End Cap                     | 6. Crown                               | 11. Motor Lead     |
| 2. Bracket                            | 7. Tube Adaptor                        | 12. Bracket        |
| 3. Idle End                           | 8. Tube                                | 13. Fascia End Cap |
| 4. Drive Stop or Screw (not pictured) | 9. Fascia (available in 3", 4" and 5") |                    |
| 5. Drive                              | 10. Motor                              |                    |

### PART 2 – PRODUCTS

#### 2.01 ACCEPTABLE MANUFACTURER

- A.** Hunter Douglas Architectural Window Coverings – 9900 Gidley St, El Monte, CA 91731; Phone 800.727.8953 x1; Website: hunterdouglasarchitectural.com
- B.** Request for substitutions must be approved by architect minimum of 30 days prior to close of bid.

#### 2.02 MOTORIZED ROLLER SHADES

- A. PRODUCT:** Hunter Douglas Basics Motorized Roller Shades

##### B. MATERIALS:

- 1. FABRICS:** Inherently anti-static, flame retardant, fade and stain resistant, light filtering, room darkening, & blackout fabrics providing 0% - 15% openness factors. Fabric weights to range between 6.00 oz/ sq.yd. – 20.70 oz/sq.yd containing fiberglass, PVC, polyester, acrylic, vinyl laminates, cotton, & vinyl coatings. Finish selected by architect from manufacturer's available contract colors.

##### 2. MOTORS:

- A. AC Motors (Line Voltage):** Shall be 4nm to 10nm with speeds of 30 to 38 RPM and lifting capacities of 32 - 80 lbs. Each motor shall be equipped with a thermal overload protector. Internal limits provide consistent upper and lower shade positions. Motors are UL approved and available in 110V AC
- B. DC Motor (Low Voltage):** Shall be 1.1nm to 4nm 12V DC, with option of a 2nm 24V DC with speeds of 25 to 28 RPM and lifting capacities of 7lbs to 35lbs. Internal limits provide consistent upper and lower shade positions. Motors are UL approved and available in DC (low voltage).

- 3. ROLLER:** Tube shall be 55mm to 85 mm extruded aluminum, utilizing a LSE (Low Stress Energy) double sided- adhesive tape to secure the fabric without having to remove shade roller from shade brackets.

- 4. IDLER:** Heat stabilized fiber reinforced plastic gear with a galvanized steel shaft for wear resistance and smooth operation.

- 5. HEMBAR:** Extruded aluminum contoured, heat sealed and completely enclosed into a 2 inch pocket. Some fabrics may require external hembar.

- 6. MOUNTING HARDWARE:** Installation brackets shall be galvanized steel and can accommodate overhead, side and face mounting. Optional dual shade brackets shall hold two shades in one bracket assembly. Coupled shades shall be connected with a linking bracket mechanism.

- 7. ADDITIONAL OPTIONS AVAILABLE:** Fascia, Side Channels, Sill Channels, Fabric Wrapped Hembar, Dual Shades, Coupled Shades, Extruded Pockets, Reverse Roll.

#### 2.03 FABRICATION

- A.** Shade measurements shall be accurate to within +\_ 1/8 inch according to specifications established by Hunter Douglas engineering standards.

#### 2.04 CONTROLS

- A. CONTROL SYSTEM:** Shall be adaptable to conform to all requirements of the owner on both installation and in the future.

- B. CONTROL INPUTS:** Shall vary, depending on the application and purpose. The switching device to activate the system will be either a switch for hardwire control, single or multi-channel radio control. Controls can be integrated with home automation or building management systems utilizing commonly used applications such as Serial – RS232 or RS485, Dry Contacts or Voltage Triggers.

- C. AUTOMATIC INPUTS:** Shall be generated from a variety of controls, including: Sun Sensors, Wind Sensors and Timers. Automated inputs have the capability to be over-ridden by either local controls or group controls.

### PART 2 – PRODUCTS

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- B.** Request for substitutions must be approved by architect minimum of 30 days prior to close of bid.

#### 2.02 DUAL MOTORIZED ROLLER SHADES

- A. PRODUCT:** Hunter Douglas RB Basics Dual Motorized Roller Shades

#### B. MATERIALS:

- 1. FABRICS:** Inherently anti-static, flame retardant, fade and stain resistant, light filtering, room darkening, & blackout fabrics providing 0% - 15% openness factors. Fabric weights to range between 6.00 oz/ sq.yd. – 20.70 oz/sq.yd containing fiberglass, PVC, polyester, acrylic, vinyl laminates, cotton, & vinyl coatings. Finish selected by architect from manufacturer's available contract colors.

#### 2. MOTORS:

- A. AC Motors (Line Voltage):** Shall be 4nm to 10nm with speeds of 30 to 38 RPM and lifting capacities of 32 - 80 lbs. Each motor shall be equipped with a thermal overload protector. Internal limits provide consistent upper and lower shade positions. Motors are UL approved and available in 110V AC
- B. DC Motor (Low Voltage):** Shall be 1.1nm to 4nm 12V DC, with option of a 2nm 24V DC with speeds of 25 to 28 RPM and lifting capacities of 7lbs to 35lbs. Internal limits provide consistent upper and lower shade positions. Motors are UL approved and available in DC (low voltage).

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- 5. HEMBAR:** Extruded aluminum contoured, heat sealed and completely enclosed into a 2 inch pocket. Some fabrics may require external hembar.

- 6. MOUNTING HARDWARE:** Installation brackets shall be galvanized steel and can accommodate overhead, side and face mounting. Optional dual shade brackets shall hold two shades in one bracket assembly. Coupled shades shall be connected with a linking bracket mechanism.

- 7. ADDITIONAL OPTIONS AVAILABLE:** Fascia, Side Channels, Sill Channels, Fabric Wrapped Hembar, Dual Shades, Coupled Shades, Extruded Pockets, Reverse Roll.

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