Breeze Quiet Curtain Motor

I. Features

- Plug into Standard 110 VAC Wall Outlet with 10 Ft Plug-In Power Cord
- Radio Frequency (RF) Control, Dry Contact Switching and RS232/RS485 all built into motor for a robust control platform
- Drapery Types include Pinch Pleat, Ripplefold (60-100-120% Fullness) and Accordia Fold
- Traverse up to 180 lbs of fabric. Center Draw or 1-Way Stack Left or Right
- Soft Start and Stop. Manual override if power failure. Automatic Telescopic Motion gently pulling on Drapery edge will start motor running either area or close
- Automatic Limit Setting for fast time operation. One intermediate or “Preferred” setting
- Motor will mount on either side of Track and can be Inverse Mounted
- Track Width up to 30Ft. Custom Track Blends or Curves. Track color Powder Coated: White
- Thermal Overload Protection. Under Current and Over Current Protection
- Simple to Install and Operate
- Easily integrates with many popular home automation systems
- Five Year Limited Warranty

II. Specifications

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Rated Torque</th>
<th>Rated RPM</th>
<th>Speed</th>
<th>Motor Size</th>
<th>Rated Voltage</th>
<th>Rated Power</th>
<th>Rated Current</th>
<th>IP Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS68</td>
<td>2Nm</td>
<td>80rpm</td>
<td>4.2 in/sec</td>
<td>11.60” x 3.0” x 2.0”</td>
<td>AC 100-240V</td>
<td>65W</td>
<td>2.7A</td>
<td>IP20</td>
</tr>
</tbody>
</table>

III. Components

- Master Driver A
- Driving Belt
- Track
- Carrier Track Stop
- Carrier Types
  - Pinch Pleat
  - Ripplefold (60/100/120% Fullness)
  - Accordia Fold
- Heavy Duty Master Pulley
- Carrier Track Stop
- Master Driver B
- Return Hook
- Ceiling Bracket
- Single Wall Bracket
- Double Wall Bracket

REV 0-26-12
IV. Control Mode Examples

1. RF Single Control
   - Single motor left or right draw

2. RF Single Control
   - Single motor center draw

3. RF Single + Group Control
   - Double motor left or right draw

4. RF Single + Group Control
   - Double motor center draw

5. Tandem motor center draw RF Single Control

6. Multiple RF Motors
   - RF Single + Group Control and RF Serial Interface Single and Group Control

7. Multiple RF Motors
   - RF Single + Group Control and Dry Contact Switching Single + Group Control

8. Multiple RF Motors
   - RF Single + Group Control with RS232/RS485 Serial Automation Control

V. Motor Wiring and Installation

Track Installation

Motor Installation
1. Slide Lock Pole to LEFT
2. Insert motor into Master Driver
3. Slide Lock Pole to RIGHT
4. Push Lock Pole into slot

Motor Removal
1. Pull down the Lock Pole
2. Slide the Lock Pole to the LEFT
3. Pull DOWN on motor to remove

Remarks:
- Make sure the Lock Pole is engaged into slot so motor will not come loose.
- Make sure the ceiling or Wall is strong enough for loading the curtain system including track, motor, fabric and all accessories.
- Failure to follow instructions could result in personal injury to self, others and property.
VI. Operation

1. Programming Mode

**Step A = First Time Use**
- Power on Motor
- Press Program button on motor for 1s
- Motor is now in “Programming Mode” indicated by RED flashing LED and will remain in “Programming Mode” for 10s then exit automatically if no other action is taken

**OR**

**Step B**
- Press and hold STOP button for 5s
- Motor is now in “Programming Mode” indicated by RED flashing LED and will remain in “Programming Mode” for 10s then exit automatically if no other action is taken

2. Assign Transmitter

- While motor is in “Programming Mode” press and release UP button on transmitter
- Red light will turn OFF and BLUE light will flash 3 times
- Transmitter Channel is now memorized

3. Change Motor Direction

- Pressing the UP button should OPEN the drapery if not then change motor direction
- Then press and release STOP button, RED light will turn off and BLUE light will flash 3 times
- Motor Direction is now changed

4. Set Preferred Position

**Setting:**
- Move drapery to desired position, then press and hold both the UP and DOWN buttons on transmitter for 1sec.
- Blue light on motor will flash 3 times indicating “Preferred Position” is now memorized

**Operating:**
- Motor will run to “Preferred Position” if one has been set
- Press STOP button for 2sec

**Deleting:**
- Blue light on motor will flash 3 times and then 3 times again indicating “Preferred Position” has been deleted

Press UP and DOWN at the same time for 5sec

5. Delete all Motor Memory

**Method A**
- Press and hold STOP button for 5sec to enter “Program Mode,” then flip over transmitter and press and hold button with paperclip for 7sec
- Red motor light will flash and then turn off, Blue light will flash for 1sec
- All Memory is deleted

**Method B**
- Press in and hold “Program Button” on the bottom of motor for 3sec or until Red light flashes fast
- Red light flashes fast
- Blue light flashes for 1s
- Release then briefly press again
- Blue light flashes for 1s
- Release
- All Memory is deleted

6. Delete a Single Channel

- Press and hold STOP button for 5sec
- Briefly press DOWN button
- Red light will turn off and Blue light will flash fast 3times
- Selected Channel is deleted

7. Touch Motion ON / OFF

- Pull the fabric gently
drape runs automatically
- Touch button
- Handpulling ON / OFF is changed

Hold “PROGRAM button” over 7s
- 1st 7s: Red light flash slowly
- 2nd 7s: Red light flash fast
- 3rd 7s: Blue light flash fast 3times
- 7th 7s: Blue light flash fast 3times
VII. Track Loading Data and Track Types

Minimum bending radius = 11.8 in (30 cm)  Maximum track length = 12m/39ft  Maximum load per carrier = 34lbs (1.5kg)

<table>
<thead>
<tr>
<th>Track Length</th>
<th>Single Motor with Single Pulley</th>
<th>Single Motor with Double Pulley</th>
</tr>
</thead>
<tbody>
<tr>
<td>4m 156&quot;</td>
<td>90kg 190lb</td>
<td>67kg 147lb</td>
</tr>
<tr>
<td>8m 312&quot;</td>
<td>82kg 180lb</td>
<td>60kg 132lb</td>
</tr>
<tr>
<td>12m 458&quot;</td>
<td>75kg 165lb</td>
<td>52kg 114lb</td>
</tr>
</tbody>
</table>

Minimum Bending Radius = 11.8 in (30 cm)
Maximum Track Length = 12m/39ft
Maximum Load per Carrier = 34lbs (1.5kg)

Rated Torque: 2Nm
Rated RPM: 80 rpm
Travel Speed: 10.66 cm/sec
Motor Size: 29.2 x 65.0 cm
Rated Voltage: AC100-240V
Rated Power: 65W
Rated Current: 2.7A
IP Class: 20

R = Return
VIII. Track Data and Mounting

**Pinch Pleat Carrier**

- 10" 5 mm
- 1.1875"
- Max top of Drapery 0.25"
- Track Deduction Example:
  - Ceiling to Floor... = 96"
  - Less Track = 1.375"
  - Less Floor Clearance = 0.25"
  - Drapery Length = 94.375"

**RippleFold® Carrier**

- 0.75" 5 mm
- 1.1875"
- Max top of Drapery 0.50"
- Track Deduction Example:
  - Ceiling to Floor... = 96"
  - Less Track = 1.375"
  - Less Floor Clearance = 0.50"
  - Drapery Length = 94.375"

*Fabrication Note - Use only specified snap tapes below for proper snap fit:
  - Kirsch Ripplefold: 992145-1 or R.H. Rowley ST46/0 (Grafix Orange Stripe)
  - Kirsch Accordia: R.H. Rowley ST42/0 or ST44/0 or ST46/0
Check snap fit with carriers before sewing for snug fit.

**One Touch Ceiling Bracket**

- .47" x .15"
- 12 mm x 4 mm
- .7" x .15"
- 18.5 mm x 4 mm
- 5 mm .15"

**Adjustable Wall Mount Bracket**

- 4.66" to 5.94"
- 117 mm to 151 mm
- 1.99" 2.03"
- 50 mm .19"
- 1.00" 1.05"
- 1.99" 4.65 mm
- 2.93" 74.5 mm
- 2.93" 74.3 mm
- 9.5 mm .37"
- 1.90" 48.45 mm
- 2.93" 74.3 mm
- 9.5 mm .37"

**Double Adjustable Wall Mount Bracket**

- 9.77" to 9.94"
- 233 mm to 250 mm
- 9.94" 250.5 mm
- 1.90" 48.45 mm
- 2.93" 74.3 mm
- 9.5 mm .37"