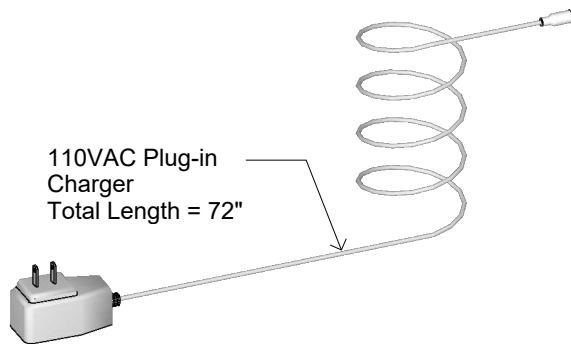


## Battery Operated Single Roller Shade

Scale: NTS



## Plug-In Wall Charger (ML-212)

Scale: NTS

ML-280BC Motor
12VDC
1.5 Nm Torque
28 RPM
4000mAh
20 Watts
Charge Time: 6 Hrs
Cycles/Charge: 600

### General Installation Notes:

- 1) The ML-280BC motor is a 1.5Nm battery motor. Designed with an on-board Li-ion battery, this motor is maintained by a low current trickle charge which is to be provided by a small plug-in charger.
- 2) The plug-in charger can be set up to permanently charge the battery, or only be plugged in for a few hours every 6-12 months, or as motor use levels require.
- 3) The ML-280BC is set up for wireless wall mounted and hand-held remote options but also has wired Dry Contact capabilities allowing for a 3rd party system integration. Weighing in at only 1.0 KG, the ML-280BC produces less than 40bDA, powers shades on 1.5" tubes, and can accommodate a minimum shade width of 32" and a maximum drop of 96".

### ROLLER SHADE OPERATION

See Attached Roller Shade Switch / Remote Option Sheet for Control Availability

## ML-280BC Battery Operated Motor w/ RF Control Inside Mounted Single Roller Shade Wiring Diagram

Scale: NTS

By: MJW

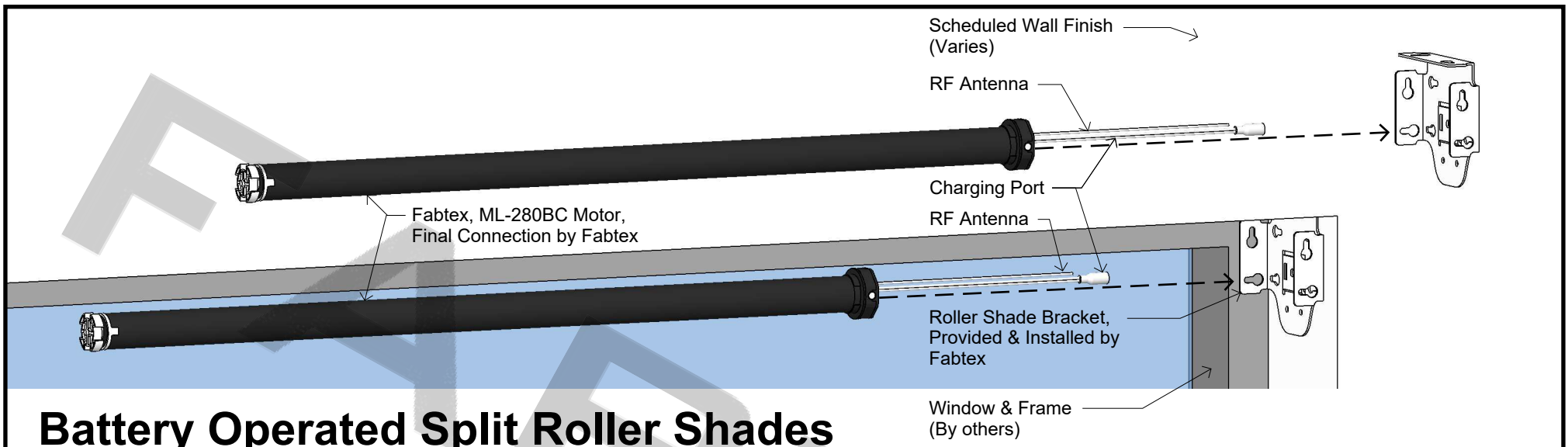
Date:

10/15/19  
Rev: 01/01/22

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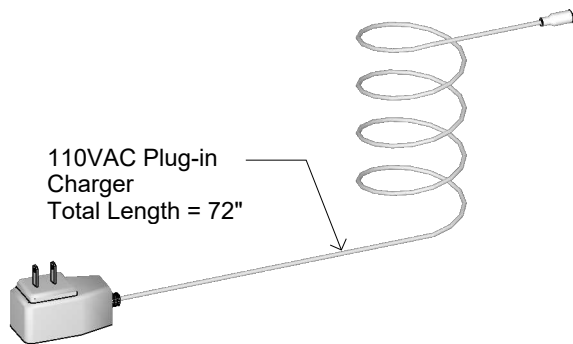


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## Battery Operated Split Roller Shades

Scale: NTS



## Plug-In Wall Charger (ML-212)

Scale: NTS

ML-280BC Motor
12VDC
1.5 Nm Torque
28 RPM
4000mAh
20 Watts
Charge Time: 6 Hrs
Cycles/Charge: 600

### General Installation Notes:

- 1) The ML-280BC motor is a 1.5Nm battery motor. Designed with an on-board Li-ion battery, this motor is maintained by a low current trickle charge which is to be provided by a small plug-in charger.
- 2) The plug-in charger can be set up to permanently charge the battery, or only be plugged in for a few hours every 6-12 months, or as motor use levels require.
- 3) The ML-280BC is set up for wireless wall mounted and hand-held remote options but also has wired Dry Contact capabilities allowing for a 3rd party system integration. Weighing in at only 1.0 KG, the ML-280BC produces less than 40bDA, powers shades on 1.5" tubes, and can accommodate a minimum shade width of 32" and a maximum drop of 96".

### ROLLER SHADE OPERATION

See Attached Roller Shade Switch / Remote Option Sheet for Control Availability

## ML-280BC Battery Operated Motor w/ RF Control Split Mount (ISM & OSM) Roller Shade Wiring Diagram

Scale: NTS

By: MJW

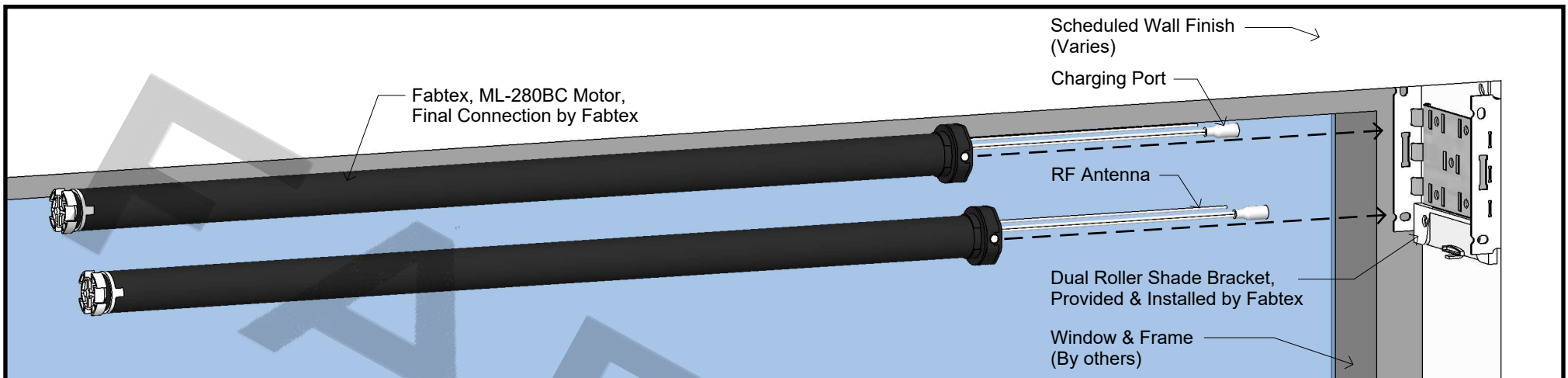
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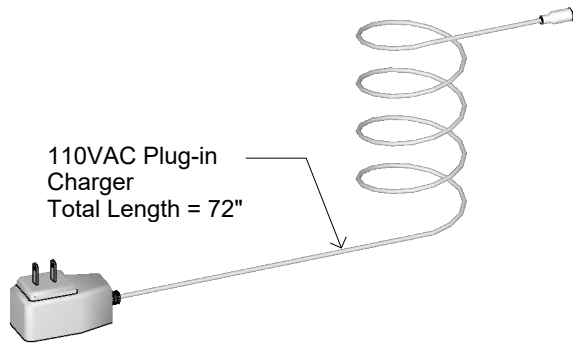


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## Battery Operated Dual Roller Shade

Scale: NTS



## Plug-In Wall Charger (ML-212)

Scale: NTS

ML-280BC Motor
12VDC
1.5 Nm Torque
28 RPM
4000mAh
20 Watts
Charge Time: 6 Hrs
Cycles/Charge: 600

### General Installation Notes:

- 1) The ML-280BC motor is a 1.5Nm battery motor. Designed with an on-board Li-ion battery, this motor is maintained by a low current trickle charge which is to be provided by a small plug-in charger.
- 2) The plug-in charger can be set up to permanently charge the battery, or only be plugged in for a few hours every 6-12 months, or as motor use levels require.
- 3) The ML-280BC is set up for wireless wall mounted and hand-held remote options but also has wired Dry Contact capabilities allowing for a 3rd party system integration. Weighing in at only 1.0 KG, the ML-280BC produces less than 40bDA, powers shades on 1.5" tubes, and can accommodate a minimum shade width of 32" and a maximum drop of 96".

### ROLLER SHADE OPERATION

See Attached Roller Shade Switch / Remote Option Sheet for Control Availability

## ML-280BC Battery Operated Motor w/ RF Control Inside Mounted Dual Roller Shade Wiring Diagram

Scale: NTS

By: MJW

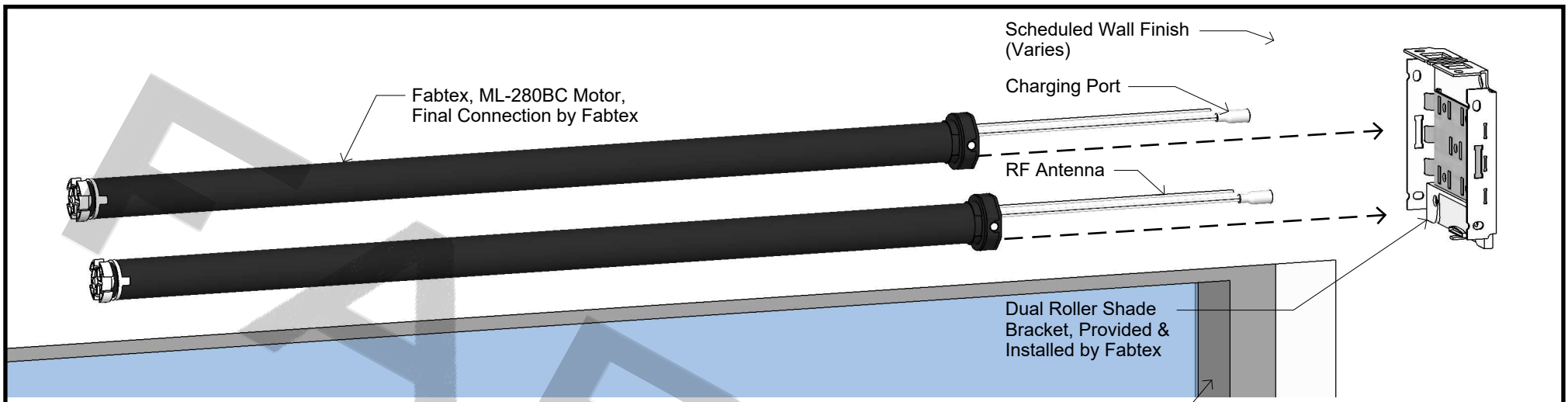
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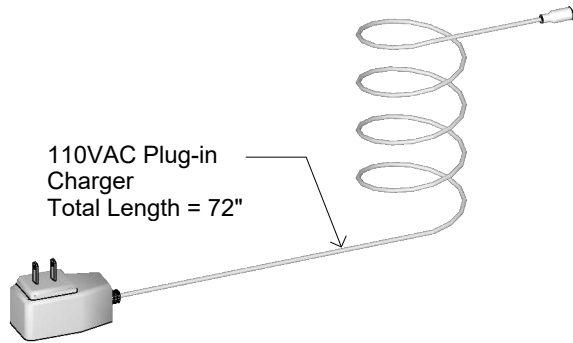


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## Battery Operated Dual Roller Shade

Scale: NTS



## Plug-In Wall Charger (ML-212)

Scale: NTS

ML-280BC Motor
12VDC
1.5 Nm Torque
28 RPM
4000mAh
20 Watts
Charge Time: 6 Hrs
Cycles/Charge: 600

### General Installation Notes:

- 1) The ML-280BC motor is a 1.5Nm battery motor. Designed with an on-board Li-ion battery, this motor is maintained by a low current trickle charge which is to be provided by a small plug-in charger.
- 2) The plug-in charger can be set up to permanently charge the battery, or only be plugged in for a few hours every 6-12 months, or as motor use levels require.
- 3) The ML-280BC is set up for wireless wall mounted and hand-held remote options but also has wired Dry Contact capabilities allowing for a 3rd party system integration. Weighing in at only 1.0 KG, the ML-280BC produces less than 40bDA, powers shades on 1.5" tubes, and can accommodate a minimum shade width of 32" and a maximum drop of 96".

**ROLLER SHADE OPERATION**  
See Attached Roller Shade Switch / Remote Option Sheet for Control Availability

## ML-280BC Battery Operated Motor w/ RF Control Outside Mounted Dual Roller Shade Wiring Diagram

Scale: NTS

By: MJW

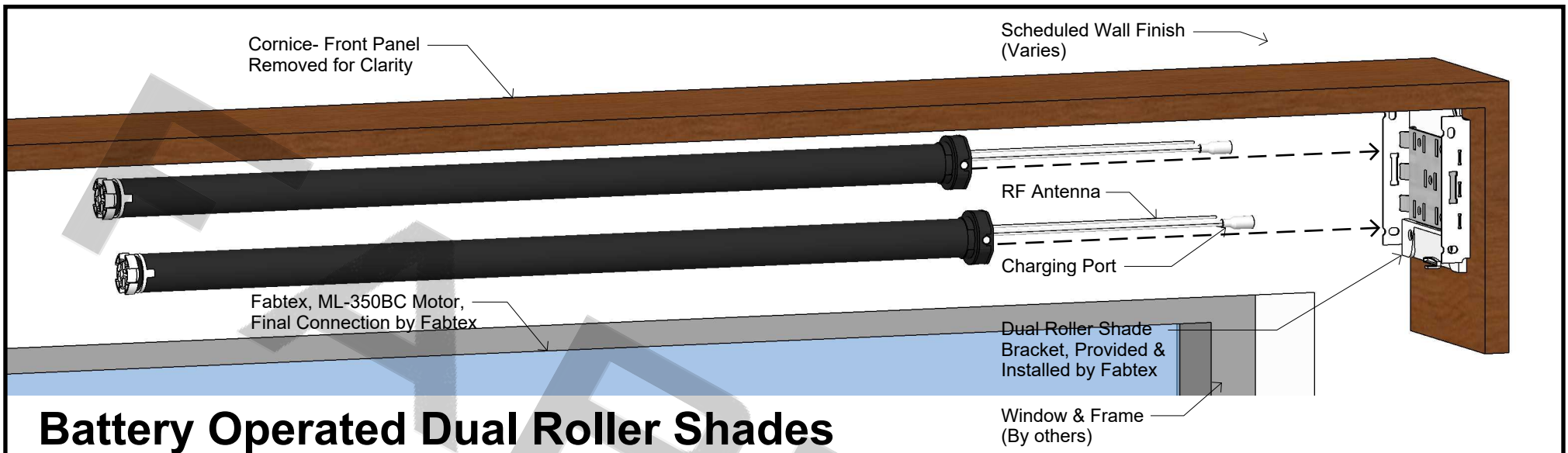
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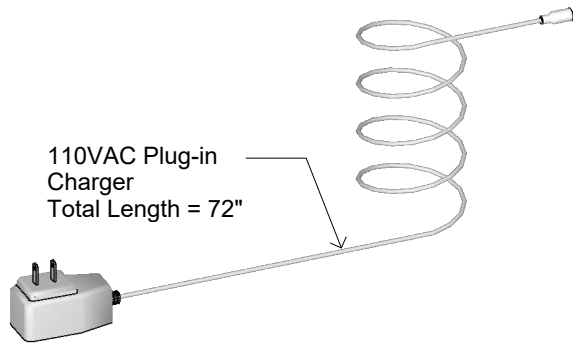


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## Battery Operated Dual Roller Shades

Scale: NTS



## Plug-In Wall Charger (ML-212)

Scale: NTS

ML-280BC Motor
12VDC
1.5 Nm Torque
28 RPM
4000mAh
20 Watts
Charge Time: 6 Hrs
Cycles/Charge: 600

### General Installation Notes:

- 1) The ML-280BC motor is a 1.5Nm battery motor. Designed with an on-board Li-ion battery, this motor is maintained by a low current trickle charge which is to be provided by a small plug-in charger.
- 2) The plug-in charger can be set up to permanently charge the battery, or only be plugged in for a few hours every 6-12 months, or as motor use levels require.
- 3) The ML-280BC is set up for wireless wall mounted and hand-held remote options but also has wired Dry Contact capabilities allowing for a 3rd party system integration. Weighing in at only 1.0 KG, the ML-280BC produces less than 40bDA, powers shades on 1.5" tubes, and can accommodate a minimum shade width of 32" and a maximum drop of 96".

**ROLLER SHADE OPERATION**  
See Attached Roller Shade Switch / Remote Option Sheet for Control Availability

### ML-280BC Battery Operated Motor w/ RF Control Dual Roller Shade into Cornice Wiring Diagram

Scale: NTS

By: MJW

Date:

10/15/19  
Rev: 01/01/22

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