

Wire Guide INSTALLATION MANUAL

v5.1 | October 2024



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DISCLAIMER

INTRODUCTION

This installation manual for Wire Guide System has been produced by Rollease Acmeda to supply the necessary information for the safe and correct installation of Wire Guide System.

DISCLAIMER

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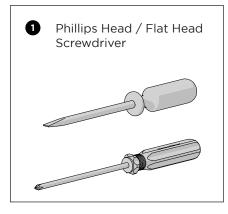
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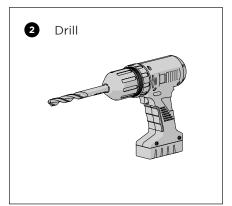
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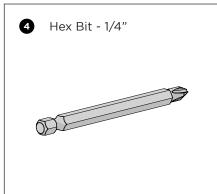
SECTION A | TOOLS AND ADDITIONAL ITEMS REQUIRED

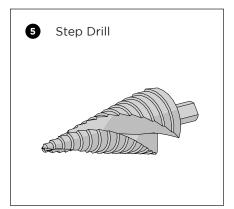
TOOLS REQUIRED

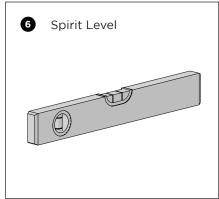


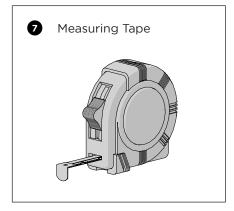


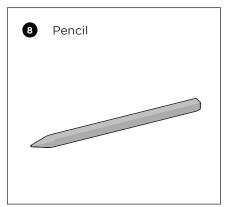


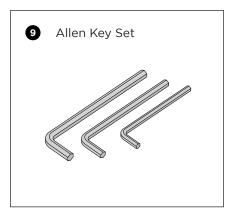


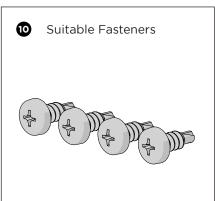






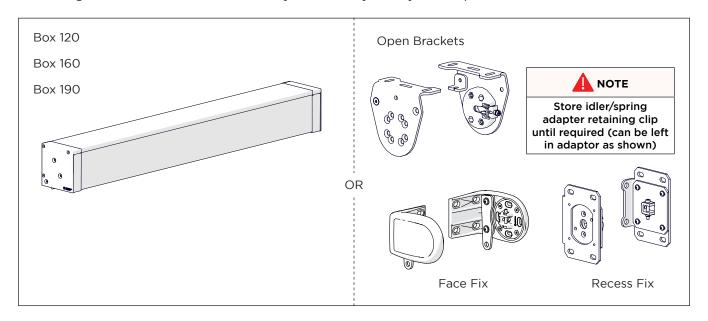


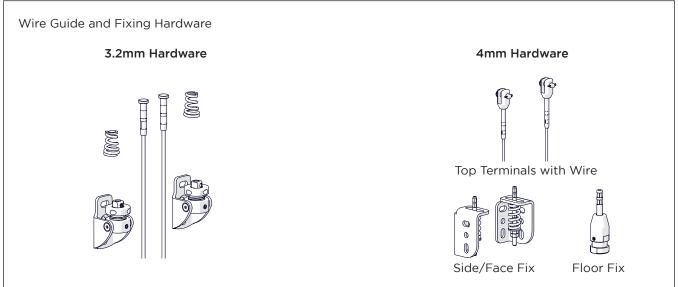


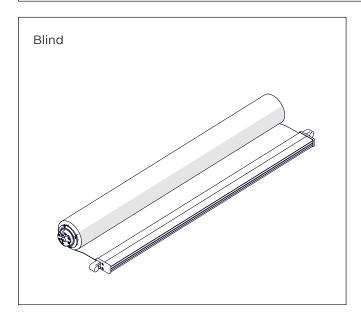


PRE-ASSEMBLED SHADE COMPONENTS

Note: Images shown below are indicative only and will vary with system requirements.







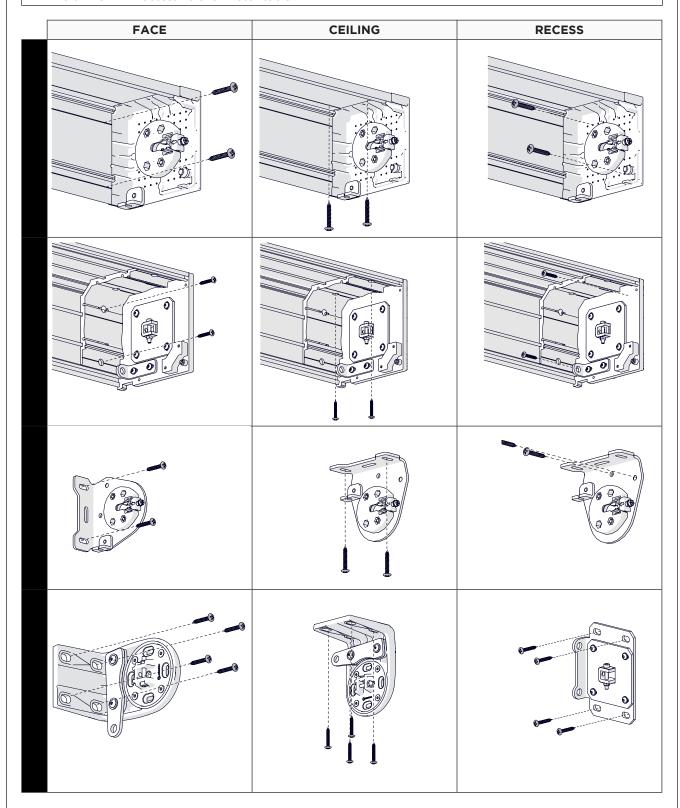


MOUNTING ORIENTATION

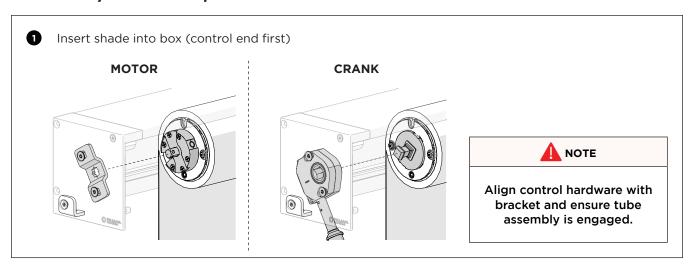
Use appropriate fasteners to install box/open brackets. Fasteners below are indicative only.

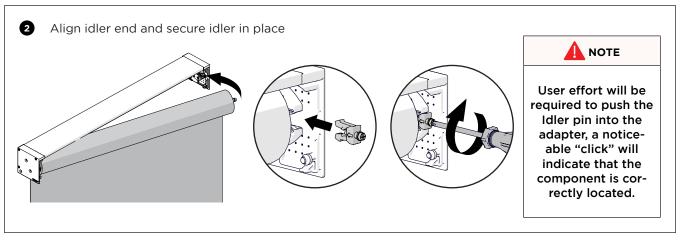
A NOTE

- Ensure brackets are level.
- Recommend pre-drilling holes in cassette brackets prior to installation.
- Pre-drill Ø22mm access hole for motor cable.

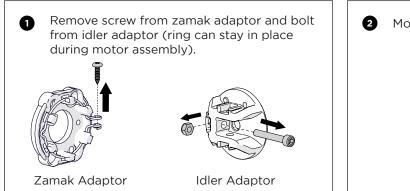


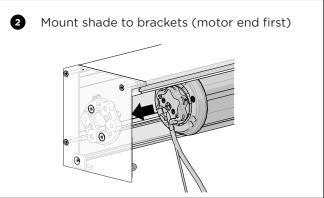
BOX 120 / BOX 160 | 78MM TUBE



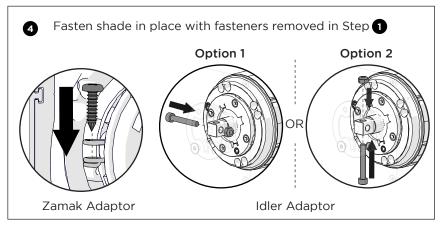


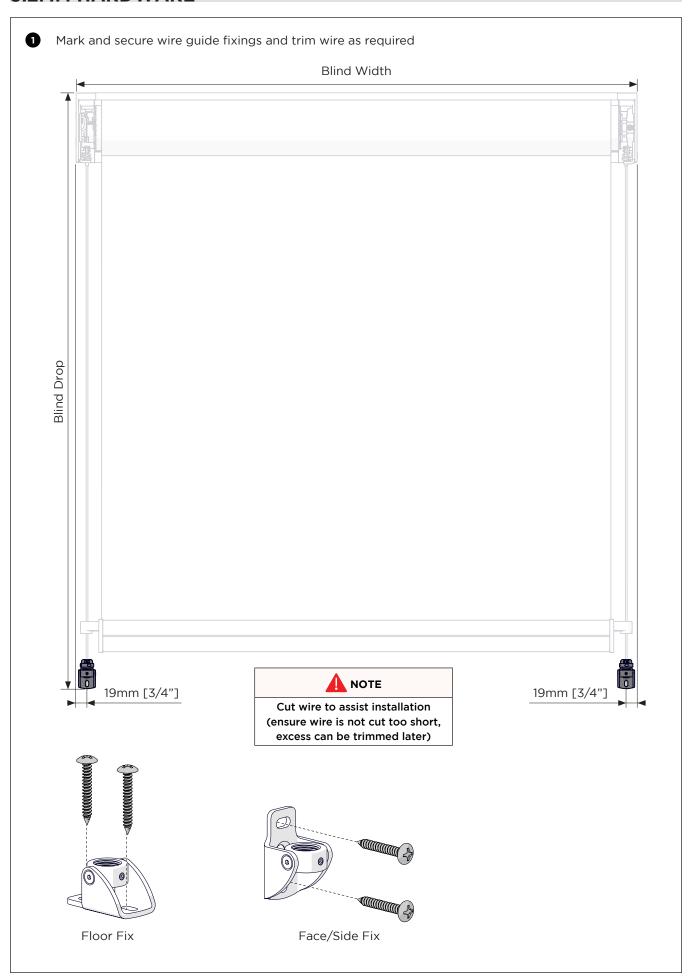
BOX 160 | 110MM TUBE

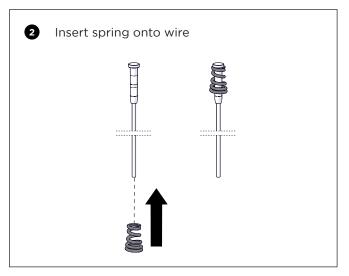


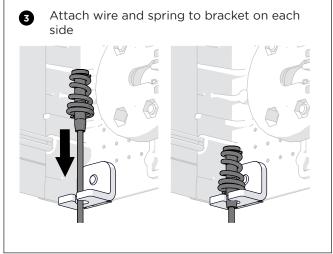


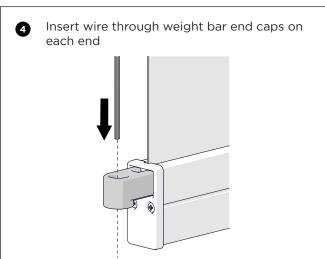


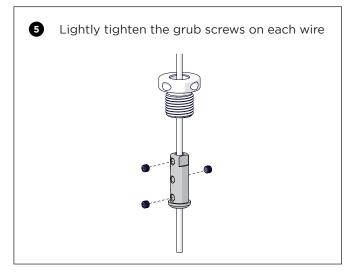


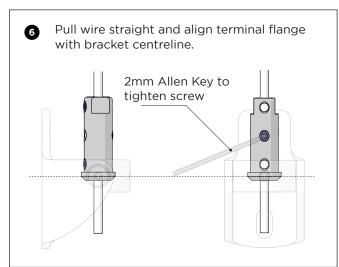


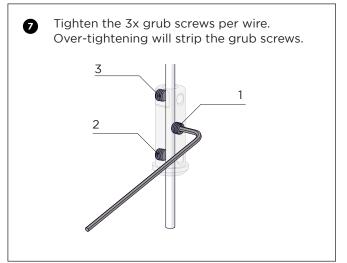




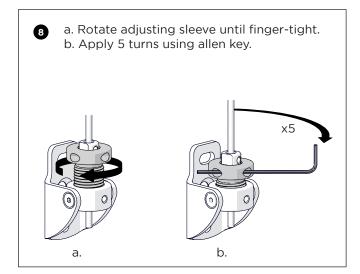


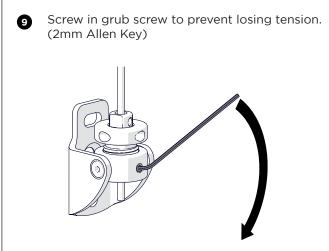


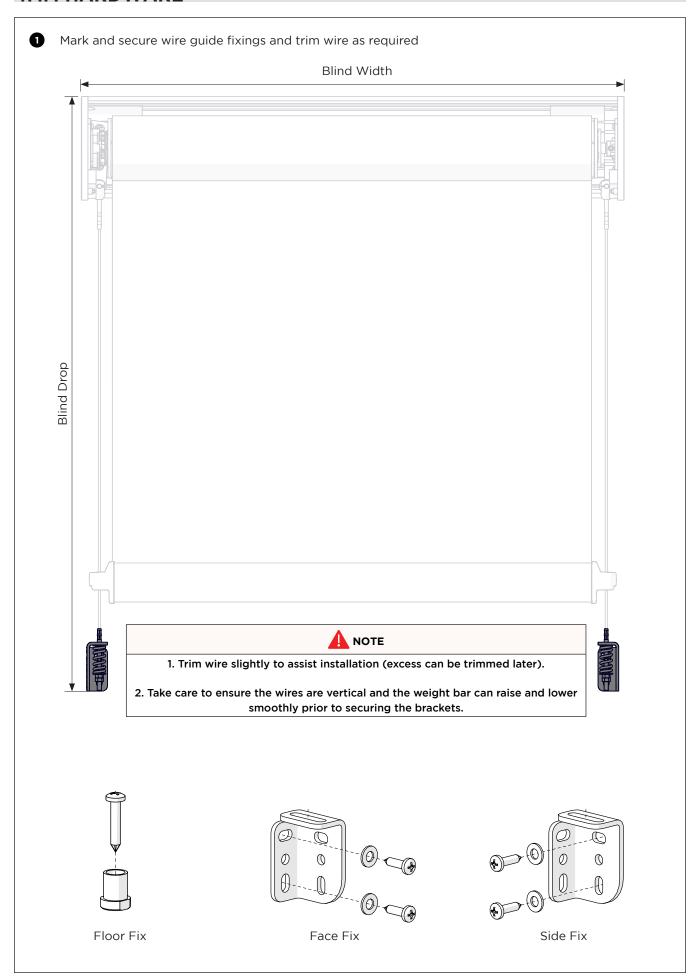




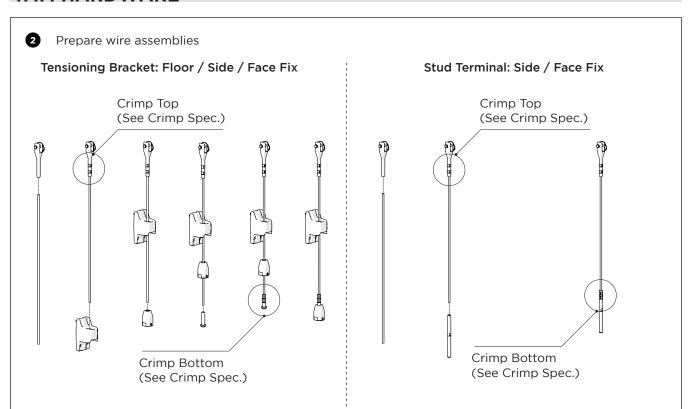


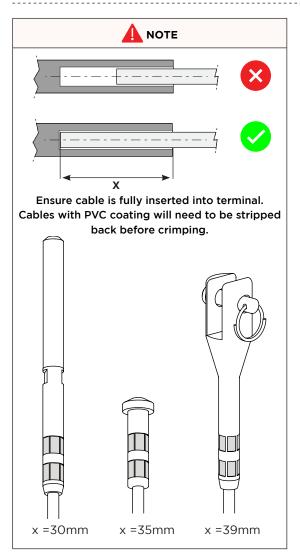




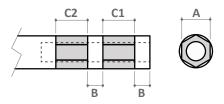




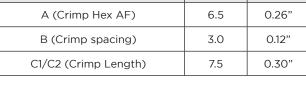




Crimp position and sizing for all terminals:

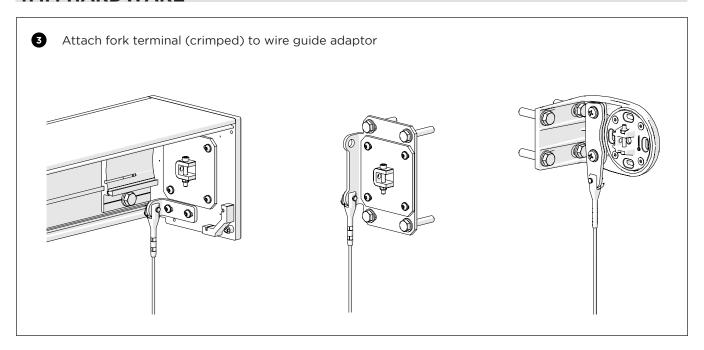


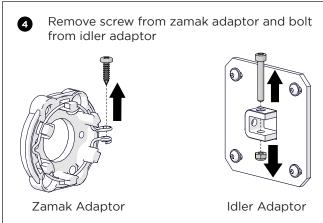
ITEM	Size (mm)	Size (in)
A (Crimp Hex AF)	6.5	0.26"
B (Crimp spacing)	3.0	0.12"
C1/C2 (Crimp Length)	7.5	0.30"

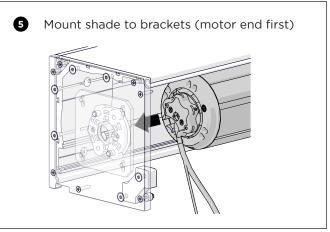


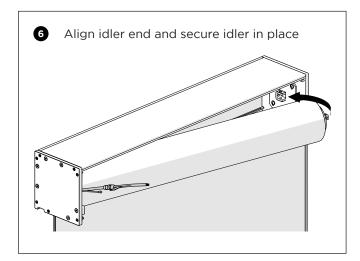
NOTE

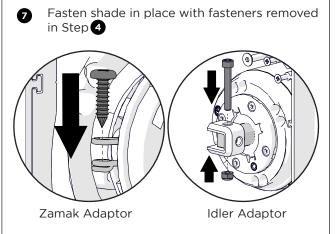
Ensure jaws of crimp tool close completely to achieve maximum possible crimp strength.













Tension the wire

Recommended tension force for Extreme 4mm wire guide system is 700 - 900N Maximum. (70 - 90Kgf) In the absence of a suitable tension meter, refer to the tension charts for guide lines on the No. of fastener turns (or travel) required to achieve desired tension.

The number of fastener turns or amount of stretch is relative to the length of the wire guide.

OPTION 1: Tension Bracket		
Wire Length	No. of turns Tension Body (A) (min) - (max)	Travel (mm)

OPTION 2: Terminal Stud		
Wire Length	No. of turns M8 Nut (min) - (max)	Travel (mm)
2.5m (8.2')	1.0 - 1.5x	1.5 - 2.0mm (0.059" - 0.079")
5.0m (16.4')	2.5 - 3.0x	3.0 - 4.0mm (0.118" - 0.157")

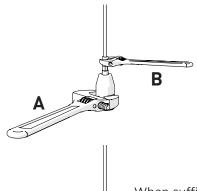
When using the tension spring, take note of the spring length prior to compressing the spring to apply tension in the wire system. Refer to the table for a guide on amount of spring compression and/or fastener turns required to achieve desired tension.

The wire length is not relevant for this tension method as the spring will apply the required tension once compressed to the nominated state.

OPTION 3: Terminal Stud with Spring		
Tension	Spring Compression mm	*No. of turns M8 Nut.
700 N min.	6.0mm (0.236")	5.0x
900 N max.	8.0mm (0.315")	6.5x

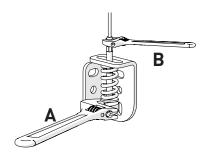
^{*} Note, count number of turns from point spring begins to compress.

Using a spanner, HOLD B & rotate A to apply tension on the cable

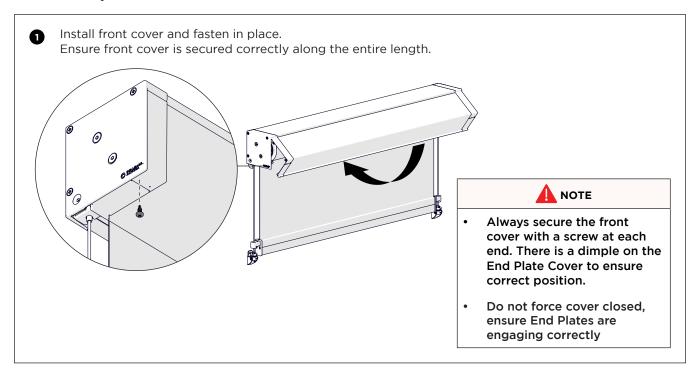




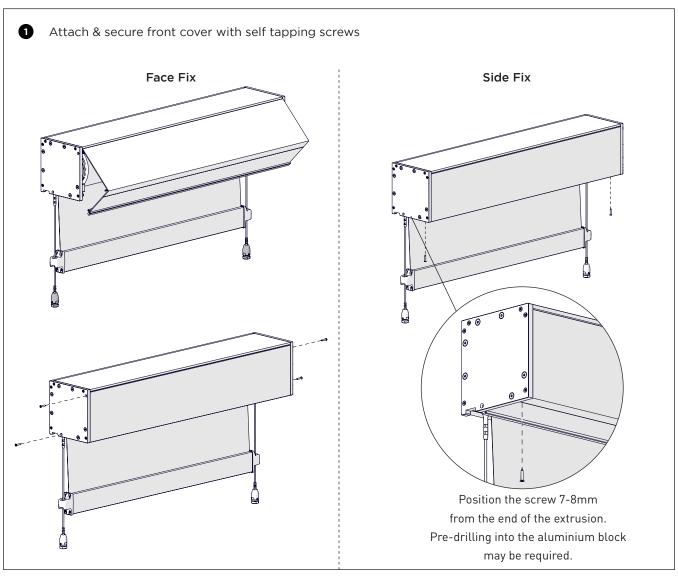
When sufficiently tensioned, tighten the grub screw with an Allen key to lock the fitting and prevent loosening of the cable.



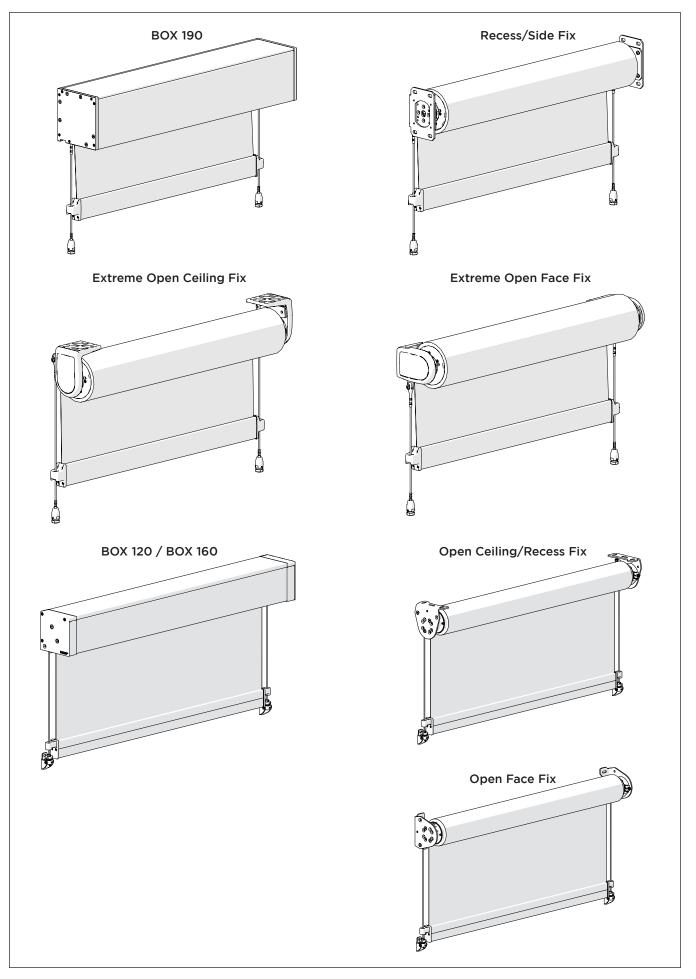
BOX 120 / BOX 160 - INSTALL FRONT COVER



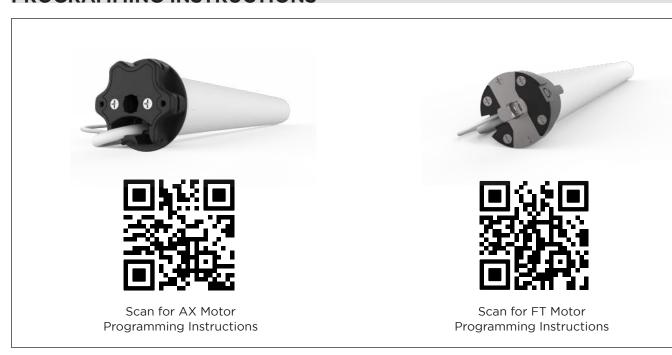
BOX 190 - INSTALL FRONT COVER



TEST RUN INSTALLATION



PROGRAMMING INSTRUCTIONS



SECTION D | DOCUMENT CHANGE NOTES

REVISION	CHANGES
v5.0 September 2023	Combined Wire Guide & Extreme Wire Guide Data.
v5.1 October 2024	Added Box 160 hardware.

