



# VTi® CELTIC MECHANICAL LIMITS - ULTRA QUIET MOTOR | 6 Nm

## 6-700-CM-45RQ6 (120V)



AS QUIET AS  
**28dB**  
VTi® CELTIC MOTORS

\*Motor Plate for Dropshades and Awnings Systems is already installed in the motor.

### FEATURES

- The best choice for bedrooms and interior rooms since it's extremely quiet.
- One of our best-seller motors and one of the top quiet motor on the market.
- Its roll up speed is as fast as 33 rpm.
- Recommended for shades with dimensions up to 156" x 156" | 4 m x 4 m.
- Reliable and consistent mechanical limits.
- Not affected by voltage variations and spikes.
- Limits are not subject to changes that erroneously could be activated by the transmitter.
- 433.92 MHz radio frequency communication.
- AC: alternating current.
- Suitable for indoor and outdoor use. It is water resistant, but not waterproof.
- Compatible with all the installation options that Vertilux offers.
- Smart control with VTi® Smart Hub, anytime, anywhere.
- Compatible with leading brands of Home Automation Systems.

### APPLICATIONS



Roller Shades



Dropshades

### CONTROL SOLUTIONS



VTi® Celtic Neo RF Emitter  
1, 6 & 16 Channels



VTi® Celtic RF Wireless Pick Up Wall Switch  
2 & 6 Channels



VTi® Celtic RF Wireless Wall Switch  
1 & 6 Channels



Timer Touch & Wall Switch  
16 Channels

### SMART SOLUTIONS



VTi® Celtic Serial Interface



VTi® Smart Hub



VTi HomeMate App

### CERTIFICATIONS

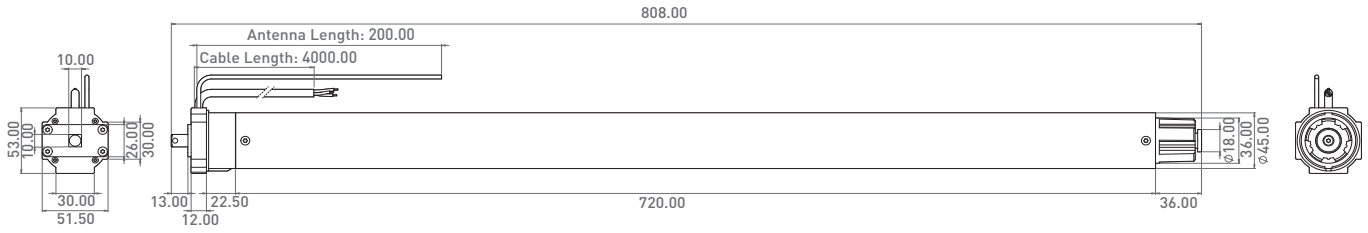




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## 6-700-CM-45RQ6 (120V)

### DIMENSIONS



\*All measurements are reflected in millimeters.

### TECHNICAL SPECS

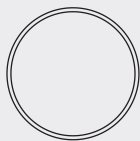
<b>Torque</b>	6 Nm	<b>Cable Length</b>	158 in   4 m
<b>Speed</b>	33 rpm	<b>Current</b>	1.1 A
<b>Sound Level</b>	28 dB	<b>Thermal Protection</b>	4 Minutes
<b>Limits</b>	Mechanical	<b>Voltage Supply</b>	120 V AC (60 Hz)
<b>Max. # of Turns</b>	32	<b>Radio Frequency</b>	433.92 MHz
<b>Index Protection</b>	IP 44	<b>Maximum Shade Size</b>	156" x 156"   4 m x 4 m
<b>Power</b>	130 W	<b>Weight Capacity*</b>	26 lb   12 kg
<b>Cable Type</b>	SVT #18AWG (3x0.8mm <sup>2</sup> )		

### WIRING



\*The maximum weight capacity is calculated under optimal circumstances. Actual results may vary. Specifications are subject to change without notice.

### RECOMMENDED TUBES

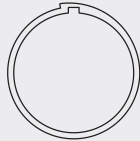


2" | 50 mm

Smooth Aluminum Tube\*\*

0-154-TU-50XXX

Lengths: 16', 19' & 20'

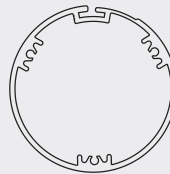


2" | 50 mm

Keyed Aluminum Tube

0-154-TU-5021X

Lengths: 16' & 19'

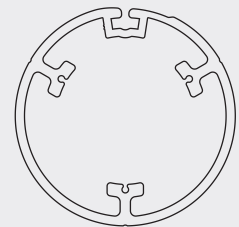


2½" | 63 mm

Structured Aluminum Tube

0-154-TU-630XX

Lengths: 16' & 19'



3¼" | 83 mm

Structured Aluminum Tube

0-154-TU-8302X

Lengths: 16' & 19'

\*Find all recommended tubes, along with their crowns, drives & end plug adapters in the Compatible Tubes & Adapters Section, at the end of this Manual.

\*\*This tube require a notch on the crown adapter or counter ring and 2 rivets on the drive in order to avoid slipping.