

# RTS 506 and 510 Motors

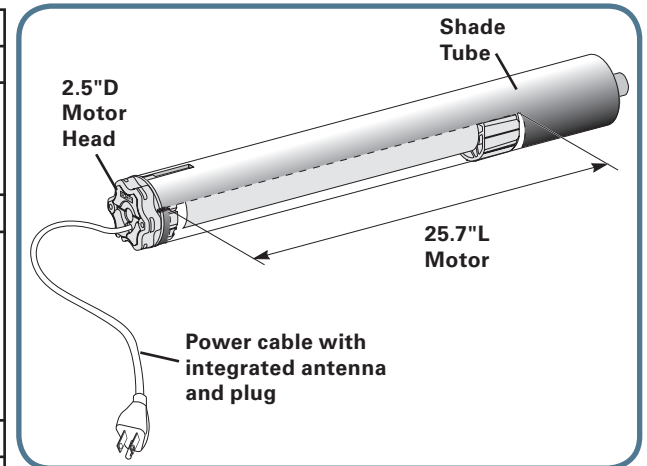
## Motorization

With the RTS motor, the end user can have wireless control over any motorized window covering via a radio remote control or an RTS wall switch. This customizable and versatile motor is the recommended solution for hospitality settings.

### SPECIFICATIONS

	506	510
Minimum Width—single shade	<b>35"</b>	<b>35"</b>
Minimum Width—coupled shades	<b>35"</b>	<b>45"</b>
Maximum Shade Width per fabric weight	<b>Light Weight—192" Medium Weight—170" Heavy Weight—156"</b>	
Tube Size Available	<b>62mm, 76mm</b>	
Motor Component Options (available with both models)	<b>Plug-in (recommended)  Hardwired to Junction Box (electrician required)</b>	
Power Cable	<b>6' cable comes standard</b>	
Control Options	<b>Wireless wall switch Wireless remote Universal Interface Timer Sun Sensor</b>	

### DIAGRAM



**FOR OPTIMAL PERFORMANCE, THE POWER CABLE/ANTENNA MUST BE AT LEAST 18" LONG AND MUST NOT COME IN CONTACT WITH METAL.**

### TECHNICAL FEATURES

	506/510
Voltage Supply	<b>120V AC, 60Hz</b>
Index Protection Rating	<b>IP 44</b>
Limit Switch Type	<b>Electronic RTS</b>
Limit Switch Capacity	<b>250 Turns</b>
Temperature Working Range	<b>-4°F to 158°F (-20°C to 70°C)</b>
Insulation Class	<b>Class 1 for 120V AC</b>
Antenna	<b>Integrated into the power cord—18" minimum for optimal performance (MUST NOT COME IN CONTACT WITH METAL)</b>
Wiring	<b>Parallel wiring allowed in accordance with NEC and local electrical codes</b>

### PERFORMANCE

	506	510
Voltage Supply	<b>120V AC, 60Hz</b>	<b>120V AC, 60Hz</b>
Torque	<b>6 Nm</b>	<b>10 Nm</b>
Speed	<b>32 rpm</b>	<b>32 rpm</b>
Amps	<b>1.2</b>	<b>1.67</b>
Thermal Protection	<b>4 minutes</b>	<b>4 minutes</b>
Sound Level	<b>≤ 45 dBA</b>	<b>≤ 47 dBA</b>
Radio Frequency	<b>433.42MHz</b>	<b>433.42MHz</b>
RF Control Range	<b>65 feet</b>	<b>65 feet</b>

### POWER CABLE

**120V AC, 60Hz Power Cable**  
3 Conductor  
6' Length (standard)



### NOTE

- Regulated power supply required
- Outlet placement recommendation—12 inches from the motor
- Power cables are available in 3', 12', 18', and 24' upon request
- Additional motor options available for narrow and oversized shades