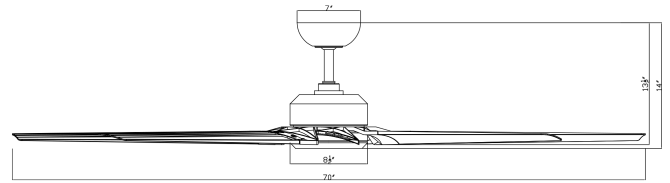


# ROBOTO XL

## FR-W2301-70

70" Ceiling Fan

# MODERN FORMS SMART FANS



### PRODUCT DESCRIPTION

Larger than its little brother, the extensive 70-inch Roboto XL Smart Fan invigorates indoor and outdoor environments. Engineered with the latest connective technologies, Roboto XL features a quiet DC motor, while our free Modern Forms app allows control of fan speed, schedules, and integration with smart home devices.

### FEATURES

- 6 fan speeds through both Summer and Winter Modes
- Silent DC motor
- LED luminaire is not included - only cover
- Includes remote control
- Optional wall control sold separately
- Compatible with Modern Forms app

### AIRFLOW/ENERGY EFFICIENCY

|  |           |
|--|-----------|
| <b>Weighted-Average/High Airflow CFM:</b>        | 5612/8258 |
| <b>Weighted-Average/High Energy Use (W):</b>     | 30/45     |
| <b>Estimated Yearly Energy Cost (\$):</b>        | 8         |
| <b>Weighted-Average/High Efficiency (CFM/W):</b> | 189       |
| <b>Max RPM:</b>                                  | 128       |

### ORDER NUMBER

| Model       | Housing                         | Blade                        |
|-------------|---------------------------------|------------------------------|
| FR-W2301-70 | <b>BN</b> <i>Brushed Nickel</i> | <b>S</b> <i>Silver</i>       |
|             | <b>MB</b> <i>Matte Black</i>    | <b>MB</b> <i>Matte Black</i> |
|             | <b>MW</b> <i>Matte White</i>    | <b>MW</b> <i>Matte White</i> |

Example: **FR-W2301-70-MB**

- \*Results may vary based on application and surroundings.
- \*This fan comes uni-pack - blade select options are not available

### SPECIFICATIONS

|                        |   |
|------------------------|---|
| <b>Construction:</b>   | Aluminum, ABS   |
| <b>Blade:</b>          | 13° Pitch, 70" sweep  |
| <b>Downrod:</b>        | .75"W x 6"H included  |
| <b>Mounting Slope:</b> | Up to 30°   |
| <b>Wire:</b>           | 80"   |
| <b>Hanging Weight:</b> | 35 lbs.   |
| <b>Total Power:</b>    | 45W   |
| <b>Standards:</b>      | UL/cUL Wet Location listed, Title 24 JA8-2016<br>Compliant, Title 20, Energy Star |
| <b>Motor Type:</b>     | 165 x 30 sensorless DC motor  |

### WIRELESS PERFORMANCE

|                         |               |
|-------------------------|---------------|
| <b>Wi-Fi Range:</b>     | Up to 150 ft* |
| <b>Bluetooth Range:</b> | Up to 150 ft* |

The Modern Forms app synchronizes seamlessly with smart home devices you already own



modernforms.com  
Phone (800) 526.2588  
Fax (800) 526.2585

Headquarters/Eastern Distribution Center  
44 Harbor Park Drive  
Port Washington, NY 11050

Central Distribution Center  
1600 Distribution Ct  
Lithia Springs, GA 30122

Western Distribution Center  
1750 Archibald Avenue  
Ontario, CA 91760






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MODERN FORMS  
SMART FANS

## OPTIONAL ACCESSORIES

|                          |   |   |                 |  |
|--------------------------|---|---|-----------------|--|
| Bluetooth Wall Control   |    | <b>F-WCBT</b>   | <b>WT</b> White | Control fan speed and switch between Summer and Winter Modes. Additional Wall Controls can be purchased separately for multiple location control.          |
| Bluetooth Remote Control |    | <b>F-RCBT</b>   | <b>WT</b> White | Control fan speed and switch between Summer and Winter Modes. Compatible with Modern Forms Smart Fans. Includes easy-to-install wall cradle and batteries. |
| Downrod                  |    | <b>XF-12</b> 12IN<br><b>XF-18</b> 18IN<br><b>XF-24</b> 24IN<br><b>XF-36</b> 36IN<br><b>XF-48</b> 48IN<br><b>XF-60</b> 60IN<br><b>XF-72</b> 72IN |                 | All our downrods are .75 (in) I.D. and are threaded on the motor end to create an extra layer of security and allow for adjustments in the field.          |
| Downrod Couplers         |  | <b>XF-I</b>   |                 | Connects two downrods together.  |
| Sloped Ceiling Kit       |  | <b>XF-SCK</b>   |                 | Designed to accommodate buildings with steeper sloped ceilings up to 45° or 12/12 pitch.   |

Examples: Wall Control: **F-WCBT-WT**, Remote Control: **F-RCBT-WT**, Downrod: **XF-12-BN**, Downrod Coupler: **XF-I-MB**, Sloped Ceiling Kit: **XF-SCK-MW**

## SUGGESTED DOWNROD HEIGHT USAGE

| Ceiling Height | 15' | 14' | 13' | 12' | 11' | 10' | 9'  |
|----------------|-----|-----|-----|-----|-----|-----|-----|
| Downrod        | 72" | 60" | 48" | 36" | 24" | 18" | 12" |

## SLOPED CEILING DEGREE CONVERSION CHART

| Degree        | 4-8°  | 9-13° | 14-17° | 18-21° | 22-25° | 26-29° | 30-32° | 33-35° | 36-38° | 39-41° | 42-44° | 45°   |
|---------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| Ceiling Slope | 1/12  | 2/12  | 3/12   | 4/12   | 5/12   | 6/12   | 7/12   | 8/12   | 9/12   | 10/12  | 11/12  | 12/12 |
| Pitch         | pitch | pitch | pitch  | pitch  | pitch  | pitch  | pitch  | pitch  | pitch  | pitch  | pitch  | pitch |

Supplied mounting brackets allow mounting on ceiling slopes up to 30° (7/12 pitch). Optional slope kit allows mounting on ceilings up to 45° (12/12 pitch). The receiver will mount inside canopy up to 45°.

**NOTE:** Recommended maximum downrod length of 72" with 80" lead wire