

# HYDRA

## FR-W1805-120L

120" Ceiling Fan

# MODERN FORMS

## SMART FANS



### PRODUCT DESCRIPTION

As its name suggests, Hydra is all about water. Like all of our smart fans, it's wet-rated for outdoor use so you can maintain the continuity of your décor inside and out. Even with an impressive 120" blade sweep, this epically scaled smart fan moves a massive amount of air without consuming much energy, thanks to a powerful DC motor that runs up to 70% more efficient than AC motors. Control it all with our exclusive Modern Forms app. Available in 80 inches, 96 inches and 12 inches.

### FEATURES

- 6 fan speeds through both Summer and Winter Modes
- Silent DC motor
- Includes BT wall control
- Optional wall control for 3, 4-way control sold separately
- Compatible with Modern Forms app

### AIRFLOW/ENERGY EFFICIENCY

Weighted-Average/High Airflow CFM	2798/13300
Weighted-Average/High Energy Use (W):	13/44
Estimated Yearly Energy Cost (\$):	4
Weighted-Average/High Efficiency (CFM/W)	211/302
Max RPM:	40

### ORDER NUMBER

Model	Housing	Blade
FR-W1805-120L	<b>BZ</b> <i>Bronze</i>	<b>BZ</b> <i>Bronze</i>
	<b>TT</b> <i>Titanium Silver</i>	<b>TT</b> <i>Titanium 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-W1805-120L-MB**

For 2700K add "-27" ; for 3500K add "-35" before the finish: **FR-W1805-120L-27-MW**

**\*Results may vary based on application and surroundings.**

**\*This fan comes uni-pack - blade select options are not available**

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



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### SPECIFICATIONS

<b>Construction:</b>	Aluminum, ABS
<b>Blade:</b>	14° Pitch, 120" sweep
<b>Downrod:</b>	1" O.D. x 4.5"H included
<b>Mounting Slope:</b>	Up to 30°
<b>Wire:</b>	80"
<b>Hanging Weight:</b>	46 lbs
<b>Total Power:</b>	67.5W
<b>Standards:</b>	ETL/cETL Wet Location listed, Title 24 JA8-2016 Compliant, Title 20, Energy Star rated
<b>Motor Type:</b>	168 x 30 sensorless DC motor

### WIRELESS PERFORMANCE

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

### LUMINAIRE PERFORMANCE






<b>Light Source:</b>	LED
<b>Light Wattage:</b>	23.5W
<b>Lumens/Delivered Lumens:</b>	2100/1031
<b>Dimming:</b>	Integrated
<b>CRI:</b>	90
<b>Color Temperature:</b>	3000K (2700K/3500K options available)
<b>Rated Life:</b>	50,000 hours

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## OPTIONAL ACCESSORIES

<p>Bluetooth Wall Control</p> 	<p><b>F-WCBT</b></p>	<p><b>WT</b> White</p>	<p>Control fan speed and light brightness, and switch between Summer and Winter Modes. Additional Wall Controls can be purchased separately for multiple location control.</p>
<p>Bluetooth Remote Control</p> 	<p><b>F-RCBT</b></p>	<p><b>WT</b> White</p>	<p>Control fan speed and light brightness, and switch between Summer and Winter Modes. Compatible with Modern Forms Smart Fans. Includes easy-to-install wall cradle and batteries.</p>
<p>Downrod</p> 	<p><b>XF-12</b> 12IN <b>XF-18</b> 18IN <b>XF-24</b> 24IN <b>XF-36</b> 36IN <b>XF-48</b> 48IN <b>XF-60</b> 60IN <b>XF-72</b> 72IN</p>		<p>All our downrods are 1" O.D. and are threaded on the motor end to create an extra layer of security and allow for adjustments in the field.</p>
<p>Downrod Couplers</p> 	<p><b>XF-I</b></p>		<p>Connects two downrods together.</p>
<p>Sloped Ceiling Kit</p> 	<p><b>XF-SCK</b></p>		<p>Designed to accommodate buildings with steeper sloped ceilings up to 45° or 12/12 pitch.</p>

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