

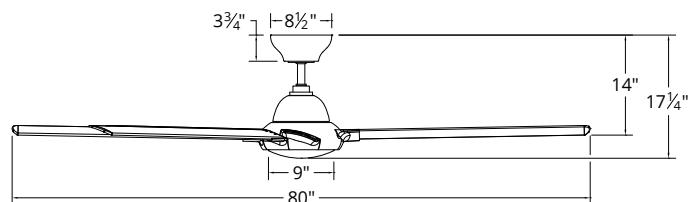
# HYDRA

## FR-W1805-80L

80" 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

|   |            |
|---|------------|
| <b>Weighed-Average/High Airflow CFM:</b>        | 2798/11308 |
| <b>Weighed-Average/High Energy Use (W):</b>     | 13/42      |
| <b>Estimated Yearly Energy Cost (\$):</b>       | 4          |
| <b>Weighed-Average/High Efficiency (CFM/W):</b> | 211/270    |
| <b>Max RPM:</b>                                 | 88         |

### ORDER NUMBER

| Model        | Housing                          | Blade                            |
|--------------|----------------------------------|----------------------------------|
| FR-W1805-80L | <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-W1805-80L-MW**

For 2700K add "-27" ; for 3500K add "-35" before the finish: **FR-W1805-80L-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



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

### SPECIFICATIONS

|                        |   |
|------------------------|---|
| <b>Construction:</b>   | Aluminum, ABS   |
| <b>Blade:</b>          | 14° Pitch, 80" 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> | 39 lbs  |
| <b>Total Power:</b>    | 65.5W   |
| <b>Standards:</b>      | UL/cUL Wet Location listed, Title 24 JA8-2016<br>Compliant, Title 20, Energy Star rated |
| <b>Motor Type:</b>     | 160 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> | 2100/1013                             |
| <b>Dimming:</b>                 | Integrated                            |
| <b>CRI:</b>                     | 90                                    |
| <b>Color Temperature:</b>       | 3000K (2700K/3500K options available) |
| <b>Rated Life:</b>              | 50,000 hours                          |

# HYDRA

FR-W1805-80L  
80" Ceiling Fan

# MODERN FORMS SMART FANS

## OPTIONAL ACCESSORIES

|                          |   |   |                 |  |
|--------------------------|---|---|-----------------|--|
| Bluetooth Wall Control   |    | <b>F-WCBT</b>   | <b>WT</b> White | Control fan speed and light brightness, 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 light brightness, 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 1" O.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