

Welcome!

Thank you for choosing Crystal Clean Air™ for your indoor air quality needs.

Quick Easy Steps for Installation

1. Find a center wall location with 7 to 12 feet from the floor.
2. Make sure a power source is near the optimal location for the unit.
3. Secure the unit with the proper hardware for overall weight and mounting material.
4. The wireless remote receiver will need to be plugged in before use. First, locate the remote module (small black box) that is mounted on the fan bracket. Next, plug the cable with the stereo jack into the fan remote port and screw on connector to secure.
5. Plug the unit into an AC power source to breathe in Crystal Clean Air™.

Wireless Remote Pairing

1. Start by unplugging the fan. Make sure the receiver is connected to the fan's speed controller port using the provided TRRS (speaker cable) connection cable.
2. Connect your fan to an AC power source. Once the fan is powered up, you will hear a long beep from the receiver indicating that the connection is successful.
3. Within the first 5 seconds from power up, press and hold the "+" or "-" button on the wireless remote for 3 seconds to pair it with the receiver. Once pairing is complete, the receiver will make another long beep indicating that the pairing settings have been stored.
4. Once the receiver is paired with the remote, pressing the "+" or "-" button will adjust the speed of the fan by one level up or one level down. Each speed level change is followed by a single short beep from the receiver and a red LED flash on the top of the remote. The position of the red LED changes based on the selected speed level. (between 1 and 6).

Pairing One Remote to Multiple Fans

- You can pair multiple units to a single remote control. This will allow you to power on/off and adjust the speed of multiple fans with one wireless remote.
- To pair multiple fans to one wireless remote, you will have to repeat the pairing process with each individual fan. Begin by turning on your first fan and within the first 5 seconds from power up, press and hold the "+" or "-" button on the wireless remote for 3 seconds. Next, repeat this process with the second fan using the same wireless remote, which was paired to the first fan. Repeat the process for all additional fans you want to pair with the same wireless remote.
- You can pair up to 15 fans to the same wireless remote using the method outlined above.
- Although the receiver stores the last paired remote settings, when needed, you can pair a new wireless remote unit to your receiver.
- If you wish to pair your fan's receiver to a new wireless remote, disconnect your fan from power for 10 seconds and follow the pairing process steps using your new wireless remote.
- If you want the opportunity to adjust each fan's speed individually, you must pair the receiver of each individual fan to a single wireless remote. When multiple fans are paired to one wireless remote, they will change speed simultaneously.
- Each receiver can be paired to only one wireless remote at a time. It is not possible to have multiple wireless remotes paired to the same receiver at the same time.

Product Technical Details

Specification	
Unit Dimensions	8.10" diameter/Length 16.5/16.1 inches
Material Casing	Steel
Cord Length	6.5 Feet
Fan	6-pole Brushless EC with Auto-Restart Lock
Airflow Capacity	210/1065 CFM
Static Pressure	510 Pa (52mm H2O)/520 Pa (53mm H2O)
Sound Output	38-62/45-65 dBA
Max Speed	3,800/3,200 RPM
Fan Bearings	Dual ball NMB
L10 Life Expectancy	70,000 Hours
Weight	10.6/13.6 lbs
Maximum Operating Temperature	140 F (60 C)
Electrical Voltage Input	110-120V AC
Power Consumption	75/150 Watt
Frequency	50/60 Hz
Current	1.08/1.84A

Wireless Remote functionality

The wireless remote allows you to select among 6 pre-programmed fan speeds based on the amount of airflow or sound output best suited for your application. These speed levels correspond to the following levels of motor output:

- OFF = 0% Output
- Level 1 = 15% Output
- Level 2 = 32% Output
- Level 3 = 50% Output
- Level 4 = 67% Output
- Level 5 = 88% Output
- Level 6 = 100% Output

To estimate your fan's output at any speed level, multiply your fan's maximum output CFM by the percentage number corresponding to you selected speed level.

For example, Crystal Clean Air™ model IAA103MI-01 with maximum airflow capacity of 1065 CFM operated at speed level 3 or 50% will produce the airflow of $1065 \times .50 = 532.5$ CFM



- Fan Speed Level Indicator
There are six speed levels stored in the wireless remote. Red LED light will flash each time the fan's speed changes, indicating the speed that is currently in use.
- Power off Button
- Speed Higher/Power On button
Each speed increase is approximately 17% of fan output. Push this button to turn the fan back on from sleep mode.
- Speed lower/Power on Button
Each speed decreases is approximately 17% of fan output. Push this button to turn the fan back on from sleep mode.