QUICK INSTALLATION GUIDE

Wireless Wall Controller

READ AND SAVE THESE INSTRUCTIONS

⚡ **WARNING: Disconnect power to the installation locations before installing the fan and controller.**

⚡ **WARNING: Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction. Incorrect assembly can cause electric shock or damage the motor and the controller.**

⚠ **CAUTION: The Big Ass Fans product warranty will not cover equipment damage or failure that is caused by improper installation or use.**

⚠ **CAUTION: Do not mount the wireless wall controller outdoors or in a location where it may come into contact with water.**

1. WIRE FAN AND MODULE

If a wall controller is already installed with the fan, uninstall it before beginning wireless wall controller installation.

Online Wiring Diagram

Fan Power Cable
L1: Black or Brown
L2/N: White or Blue
GND: Green or Green/Yellow

Fan Controller Input Cable
See table below.

Brown, Orange, Green, Red:
Not used, cap individually

Black: L1   White: L2/N   Green: GND

Red: LOAD (Not used, cap off)

120–240 VAC Mains Input
See table below.

Black and Pink: 0 VDC

White and Violet: 0–10 VDC Ref.

Fan Blue and Yellow: Run Enable
Consult fire alarm interface instructions if applicable.

Fan Controller Input Cable

1	White	+0–10 VDC Speed Ref.	
2	Brown	Not Used	
3	Orange	Status LED (+)	
4	Yellow	Run Enable	Closed: Enable
5	Blue		Open: Disable
6	Green	Status LED (-)	
7	Red	+10 VDC Supply	
8	Black	DC Common	

FCJS-010
120-277 V~ 50/60 Hz 1 A

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12V⎓ 25mA
IEC SELV / NEC. Class 2
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120–240 VAC Mains Input

	L1	L2/N	GND
North America 100–120 V	Black	White	Green or Bare Copper
North America 208–240 V	Black, Red, or Blue	Red, Blue, or Black	Green or Bare Copper
Australia	Brown or Red	Black or Light Blue	Green with Yellow Tracer
All Other Regions	Brown	Blue	Green with Yellow Tracer

2. PAIR MODULE AND WALL CONTROLLER

1. Apply power to fan. Press and hold center button on module for approximately six seconds until LEDs flash. Release button.

2. Press and hold Off button on wall controller for approximately six seconds until LED flashes. Release button. Pairing is complete.

This procedure can be used to add multiple wall controllers and/or modules to a group of up to ten devices.

Center Module Button

Fan Off
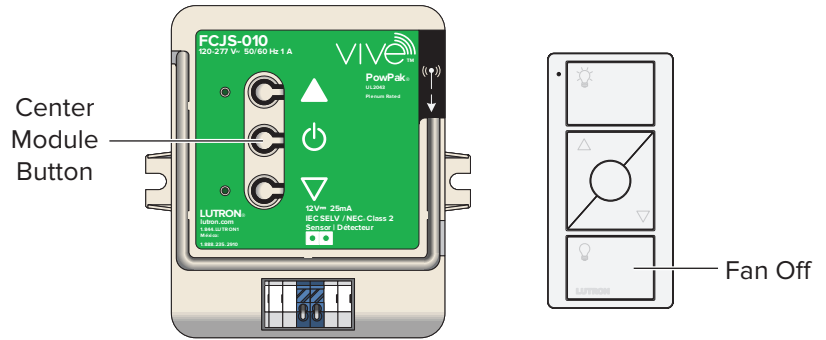
3. MOUNT WALL CONTROLLER AND ADJUST SETTINGS

Mount Wall Controller
Mount wall controller according to the mounting instructions packaged with the controller.

Adjust Low-End Trim
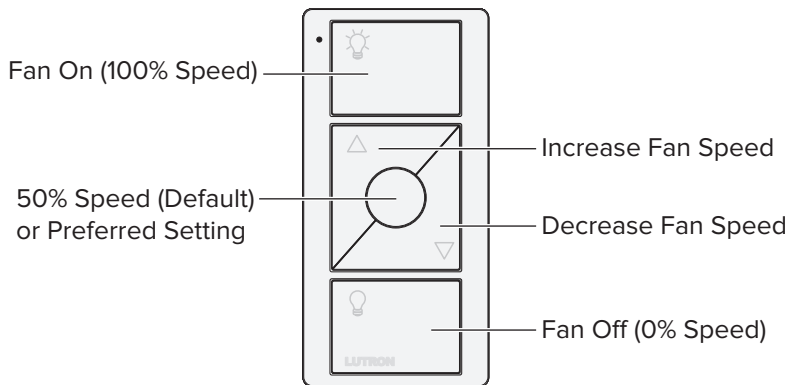The fan requires a minimum of 1 V to turn on. **To adjust the module's low-end trim to at least 1 V:**

1. Press wall controller Off button.

2. Press and hold On button and Increase Speed button simultaneously for approximately six seconds until LED flashes.

3. Slowly tap Increase Speed button nine times to set low-end trim to approximately 1.1 V.

4. Press and hold Off button for approximately six seconds until LED flashes to save the setting.

Set Preferred Speed Setting (Optional)
By default, pressing the center wall controller button sets the fan speed to 50%. **To program a preferred speed setting:**

1. Use speed adjustment buttons to select desired fan speed.

2. Press and hold center button for approximately six seconds until LED flashes to save the setting.

Note: For systems with multiple wall controllers, each controller can have a different preferred speed setting.

Fan On (100% Speed)

Increase Fan Speed

50% Speed (Default) or Preferred Setting

Decrease Fan Speed

Fan Off (0% Speed)

TROUBLESHOOTING

The wall controller will not operate the fan(s).	Release wire antenna from front of module and extend it away from module to extend range of wall controller.
I need to reset the module to factory default settings.	Quickly press center module button four times and hold button on fourth press until LEDs flash. Release button. Within three seconds, quickly press center module button four times and hold button on fourth press until LEDs flash rapidly. The module is now reset to factory default settings.