

## **Assembly Manual Ventilator-set Acero 55 Smart Fan**

Congratulations on your purchase! This manual contains everything needed to install and operate this product.

Estimated assembly time: 15-25 minutes

Read and preserve these instructions carefully

### **Important Safety Instructions**

1. Read all instructions and information before installing and operating the Ventilator-set.
2. Follow the prescribed work sequence.
3. Always maintain a safe work environment and use a stable household ladder when working at height.
4. Ensure power is switched off before beginning installation.
5. Use the Ventilator module only in combination with the Acero 55 Smart Fan.
6. Preferably use a regular on/off switch to control the power point where the ventilator module is connected. Connecting to a wall dimmer may cause issues and is unnecessary since both fan and light source can be controlled/dimmed via the remote.
7. Ensure all electrical connections comply with local codes, regulations or National Electrical Codes. Hire a qualified electrician or consult reliable sources if unfamiliar with electrical installation.
8. Connect the fan to a ceiling power point securely anchored in the building structure.
9. When mounting to ceiling power point, ensure it's strong enough to support the moving weight (10kg).
10. After installation, check all connections are secure to prevent fan detachment.
11. Never place objects between fan blades while operating.
12. Do not install on sloping ceilings to avoid electrical shock or injury.
13. Never connect to a dimmer/speed controller (speed is adjusted via remote).
14. Use only supplied mounting materials and additional M4 bolts for ceiling cap attachment to prevent injury.

### **Package Contents**

Unpack all components and verify completeness using this checklist. Separate components to prevent damage/loss before assembly.

*For Acero 55 Smart Fan*

1. 1x Ceiling cap with fixture, mounting bracket, 2x screws, 2x plugs
2. 1x Top ring
3. 24x Rods
4. 1x Bottom ring
5. 2x Rubber rings
6. E26 socket

*For Acero 55 Smart Fan:*

7. 1x Fan motor with E12 light bulb socket
8. 6x Fan blades
9. 6x Black screws
10. 1x Torx key
11. 1x Remote control
12. 2x AAA batteries (for remote)
13. 1x Remote holder with 2x screws, 2x plugs

### **Assembly Instructions**

#### **Acero 55 Smart Fan Assembly**

1. Prepare components 2-5 (see package contents)
2. Identify rings: small hole = top ring, large hole = bottom ring. Position top ring with round markings facing up. Align notches.
3. Insert rods with logo facing up. Click fully into both rings. Leave last 5 rods for final assembly.



#### **Ventilator Module Assembly**

1. Prepare components 6-9
2. Place motor on soft surface to prevent damage
3. Insert blades into motor slots (logo down) and secure with black screws using Torx key
4. Insert the bulb you prepared into the E12 socket
5. Verify smooth, silent operation

#### **Ceiling Cap Installation**

1. Turn off power at breaker and verify with voltage tester

2. Remove old fixture if present, leaving ceiling wires
3. Check M10 lock nut inside ceiling cap is tight
4. Mount bracket using existing holes or drill new 5mm holes with provided plugs
5. Connect wires: blue (N) to blue, brown/black (L) to brown using terminal block
6. Secure ceiling cap to bracket with screws

### Ventilator-set Final Assembly

1. Install rubber rings between fixture rings to prevent rotation
2. Mount assembled light fixture to ceiling cap
3. Attach ventilator module to E26 socket
4. Insert remaining 5 rods
5. Restore power

### Remote Control Setup

1. Install AAA batteries
2. Optional wall mounting with provided holder
3. Pairing: With power on, press "natural wind" button 4x (1 beep), then "4H" 4x (2 beeps)
4. Unpairing: Press "sleep wind" 4x (1 beep), then "8H" 4x (3 beeps)

(RF) Picture	Features	Icon	Button	Instructions for use
	Fan		Fan	Press the "Fan" button to turn on the fan. Press the button again to turn off the fan.
			Rotation direction (CW/CCW)	Press the "Rotation direction" button to switch the fan blades rotate from clockwise to counterclockwise. When rotating counterclockwise, the fan speed is equivalent to "2nd gear".
		1	1st gear wind speed	Press the "1" button, the fan will work in 1st gear wind speed. ( 269rpm)
		2	2nd gear wind speed	Press the "2" button, the fan will work in 2nd gear wind speed. ( 405rpm)
		3	3rd gear wind speed	Press the "3" button, the fan will work in 3rd gear wind speed. ( 538rpm)
		4	4th gear wind speed	Press the "4" button, the fan will work in 4th gear wind speed. ( 670rpm)

		MAX	5th gear wind speed	Press the "Max" button, the fan will work in 5th gear wind speed. ( 806rpm)
LED Light		LED light		Press the "Light" button to turn on the light. Press the button again to turn off.
	+	Brightness		Press the "+" button to increase the brightness. The max setting at the 5th gear.
	-	Brightness		Press the "-" button to decrease the brightness. The min setting at the 1st gear.
Beep Tone		Mute control		Press the "Mute" button to turn off the buzzer.
		Voice cutton		Press the "Voice" button turn on the buzzer.
Wind Type		Natural wind		Press the "Natural wind" button to turn on the natural wind. Wind speed changes from time to time, off and on automatically to prevent the harm to human body.
		Sleeping wind		Press the "Sleeping wind" button to turn on the fan sleeping wind mode. The current wind speed gradually decreases until it reaches the minimum wind speed.
Timer	2H	2H Timer		Press the "2H" button to set the fan timer for 2 hours. Press the button again to cancel the timer.
	4H	4H Timer		Press the "4H" button to set the fan timer for 4 hours. Press the button again to cancel the timer.
	8H	8H Timer		Press the "8H" button to set the fan timer for 8 hours. Press the button again to cancel the timer.

## Technical Specifications

- Input: 100-240V AC, 50/60Hz
- Power: 26W (20W light max + 16W max motor)
- Fan diameter: 51cm (6 ABS blades)
- Speed: 269-670 RPM (4 settings)
- Timer: 2/4/8 hours
- Weight: 2kg

- Dimensions: 55×55×28cm
- Warranty: 2 years

### **Maintenance**

- Clean periodically with soft cloth (power off)
- Check blade screws regularly
- Minor wobbling (<1cm) is normal
- Remove batteries when storing remote long-term

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### FCC Statement:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.