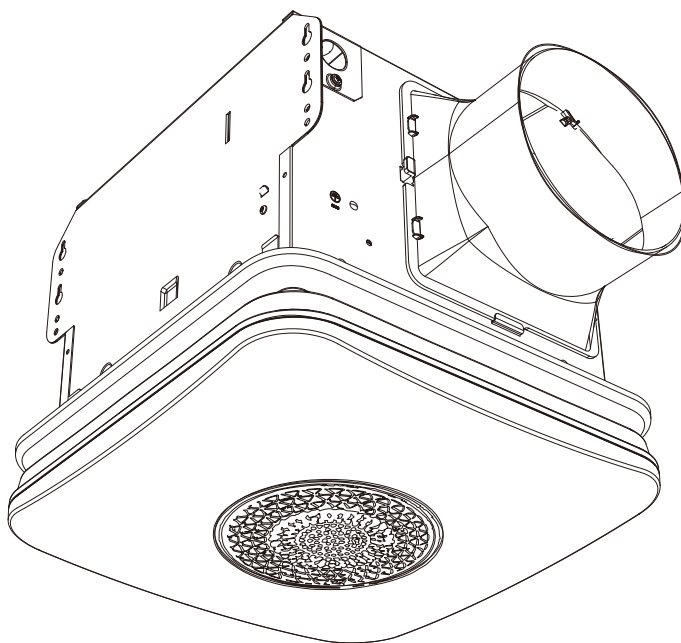


Manual Book

Ventilation Fan With Light

Model No.: QXV1001-01



Scan for Installation Video



APP Control Applicable

Safety Rules

1. **Power Disconnection:** Always disconnect the power supply before servicing the fan, motor, or junction box to ensure safety.
2. **Compliance with Codes and Regulations:** Adhere to all applicable local building, safety, and electrical codes, as well as the National Electrical Code (NEC) and Occupational Safety and Health Act (OSHA) requirements.
3. **Electrical Specifications:** The electrical service supply must be 120 volts, 60 hertz.
4. **Grounding Connection:** This product must be properly connected to the grounding conductor of the supply circuit to ensure safe operation.
5. **Power Wire Handling:** Avoid bending or kinking the power wires during installation or maintenance.
6. **Control Device Restrictions:** This fan must not be used with any solid-state control devices, including but not limited to remote controls, dimmer switches or certain timers. Note that mechanical timers are exempt from this restriction, as they are not classified as solid-state devices.
7. **Ceiling Insulation Limitation:** Do not install this fan in ceilings with insulation exceeding an R50 rating.
8. **Ductwork Installation:** Ductwork must be installed in a straight line with minimal bends to ensure optimal performance.
9. **Ductwork Sizing:** The ductwork size must match the discharge size of the fan and must not be reduced. Reducing the duct size may result in increased fan noise and reduced efficiency.

Warning:

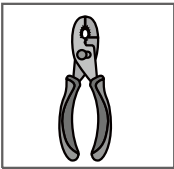
1. **Intended Use:** This unit must be used only in the manner intended by the manufacturer. For any questions or concerns, please contact customer service.
2. **Power Disconnection for Servicing or Cleaning:** Before servicing or cleaning the unit, switch the power off at the service panel and lock the service disconnecting means to prevent accidental power restoration. If the service disconnecting means cannot be locked, securely attach a prominent warning device, such as a tag, to the service panel.
3. **Qualified Installation:** All installation work and electrical wiring must be performed by qualified personnel in compliance with all applicable codes and standards, including fire-rated construction requirements.
4. **Airflow Requirements:** Ensure sufficient airflow for proper combustion and exhausting of gases through the flue (chimney) of fuel-burning equipment to prevent backdrafting. Adhere to the heating equipment manufacturer's guidelines and safety standards, such as those published by the National Fire Protection Association (NFPA), the American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), and local code authorities.
5. **Cutting or Drilling Precautions:** When cutting or drilling into walls or ceilings, take care to avoid damaging electrical wiring and other hidden utilities.
6. **Venting Requirements:** Ducted fans must always be vented to the outdoors to ensure proper operation and safety.
7. **Installation Over Tubs or Showers:** If this unit is installed over a tub or shower, it must be explicitly marked as suitable for such applications and connected to a Ground Fault Circuit Interrupter (GFCI) - protected branch circuit.

Installation Preparation

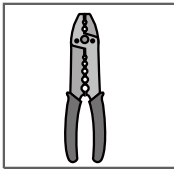
Tools You Need



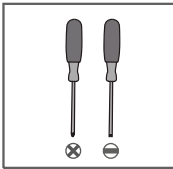
☒ Ladder



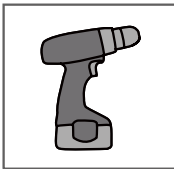
☒ Pliers



☒ Wire Strippers



☒ Screwdrivers



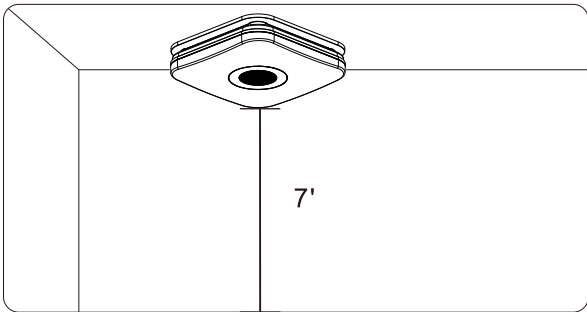
☐ Power Drill
(optional)



☐ Drill Bit
(optional)

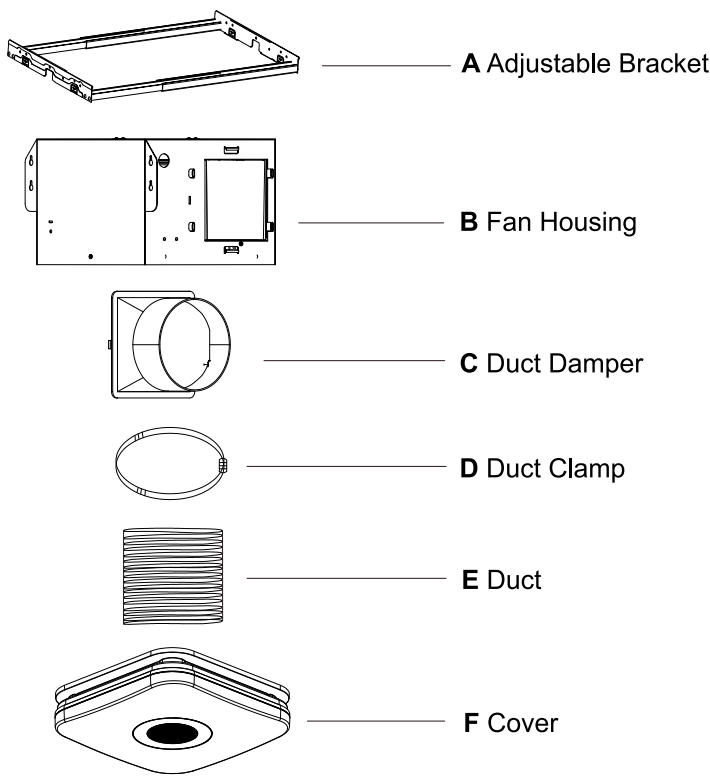
Gentle Reminder:

- 1. Check the appliance regularly.
- 2. For general ventilating use only. Do not use to exhaust hazardous or explosive materials and vapors.
- 3. Not for use in cooking areas.
- 4. To reduce the risk of injury to persons, install the fan at least 7 feet (2.1m) above the floor.

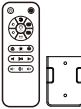


Recommended ceiling height: 7 ft

Packing List



Installation Kit

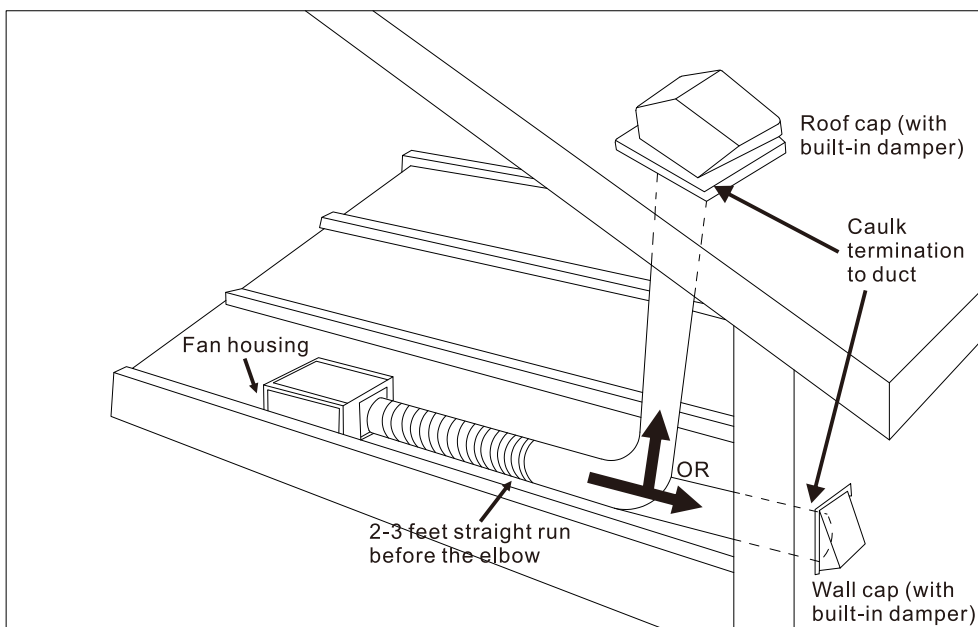
AA		4x	BB		1x	CC		1x
Joist Screw			Wire Connector			Gloves		
FF		1x	GG		2x			
Remote Control & Holder			Remotel Holder Anchor & Screw					

NOTE:
The listed quantity is for installation, extra hardware may be included.

Installation Instructions

Typical Installation

The ducting from this fan to the outside of the building has a strong effect on the airflow, noise and energy use of the fan. Use the shortest, straightest duct routing possible for best performance, and avoid installing the fan with smaller ducts than recommended. Insulation around the ducts can reduce energy loss and inhibit mold growth. Fans installed with existing ducts may not achieve their rated air flow.



WARNING:

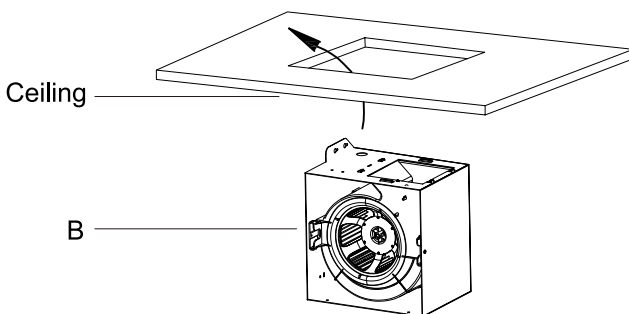
1. Wiring must comply with all applicable electrical codes. Turn OFF power before removing or installing connectors.
2. COPPER TO COPPER ONLY. Do not use Aluminum wire.

Installation Method (2 Options)

Option 1. (With Adjustable Bracket)

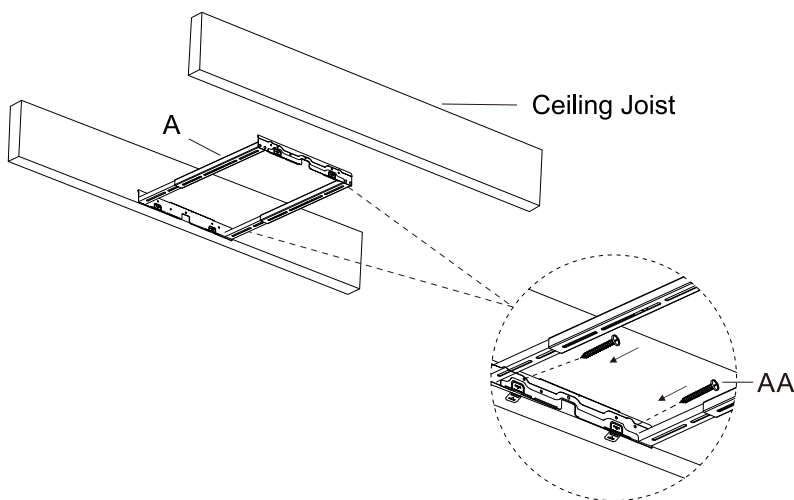
1. Insert the Fan Housing

Place the fan housing (B) into the ceiling opening from below for subsequent installation.



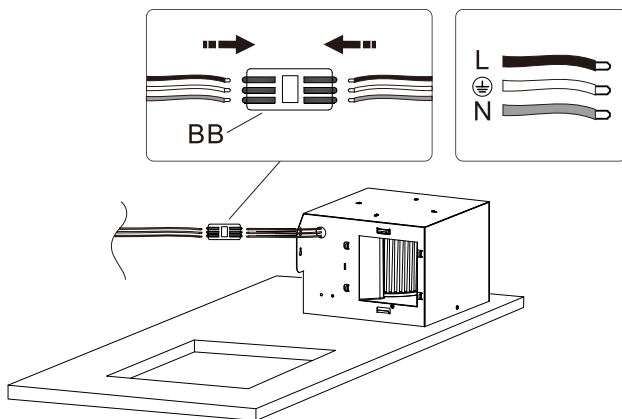
2. Install the Adjustable Bracket

Partially secure the adjustable bracket (A) to the ceiling joists using joist screws (AA) on one side. Adjust the bracket's length to fit the spacing between the joists (ranging from 12 to 22 inches). Fasten the bracket securely with the remaining joist screws (AA).



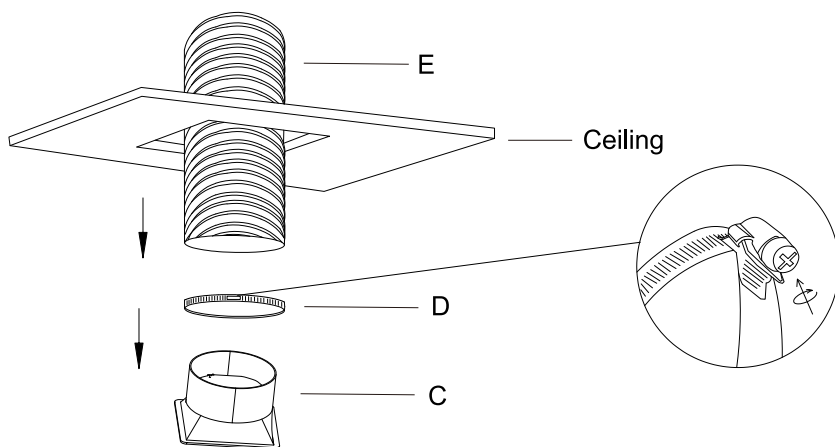
3. Connect the Wire

Use the wire connector (BB) for a secure and convenient connection.



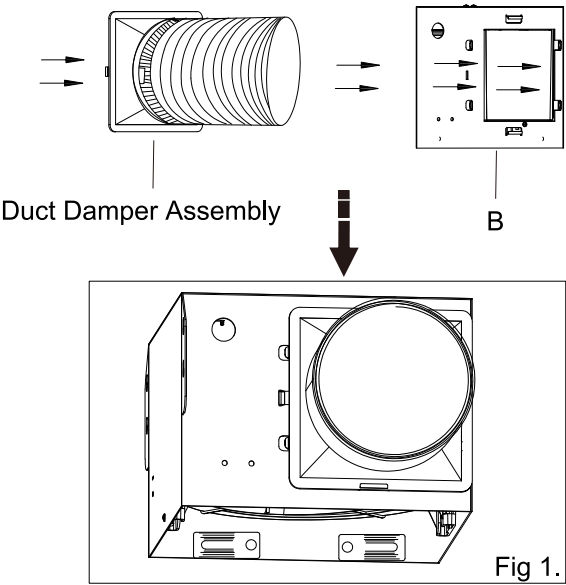
4. Connect the Duct

Pull down the duct (E) from the ceiling opening. Align the duct (E) with the duct damper (C) and securely connect them together. Ensure a tight fit to prevent air leakage. If necessary, use duct tape (not included) or a duct clamp (D) to reinforce the connection, then tighten the screw on the duct clamp (D) to secure the seal.



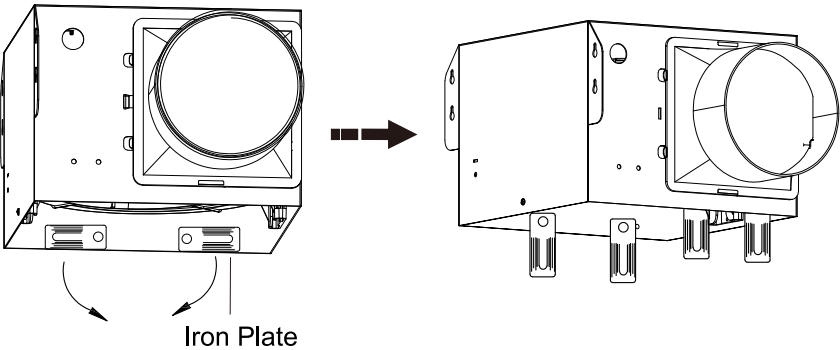
5. Install the Duct and Damper

Insert the duct damper assembly into the designated slot on the fan housing (B). Ensure that the duct damper assembly is properly aligned and securely locked in place. (Fig 1.)

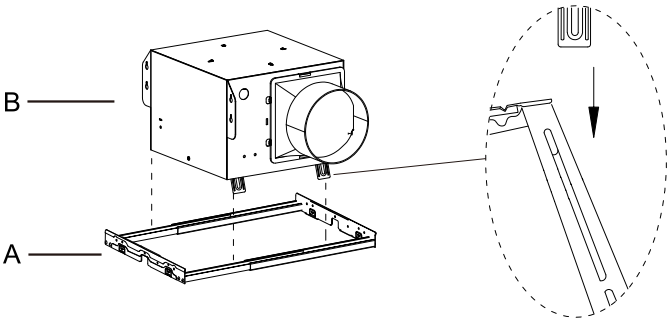


6. Install the Fan Housing

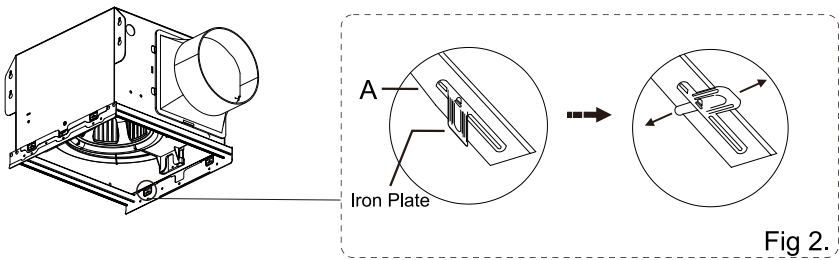
Step 1: Rotate the iron plate into its final position .



Step 2: Lower the fan housing (B) onto the adjustable bracket (A).

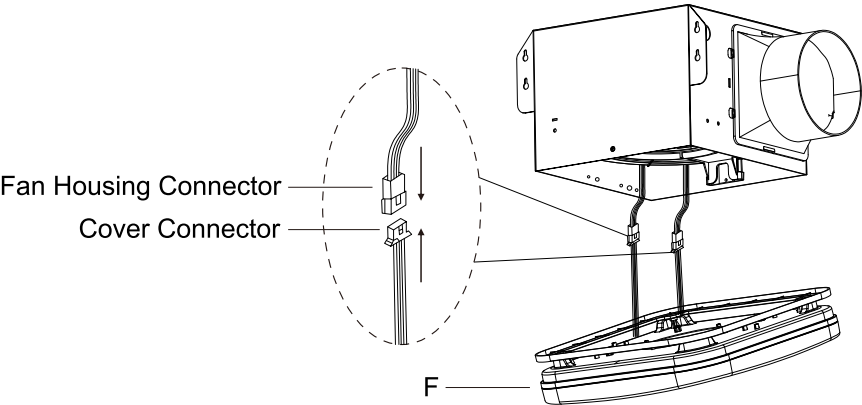


Step 3: Pull the metal clasp apart to both sides (Fig 2.), secure the fan housing (B) to the adjustable bracket (A) using the iron plate.

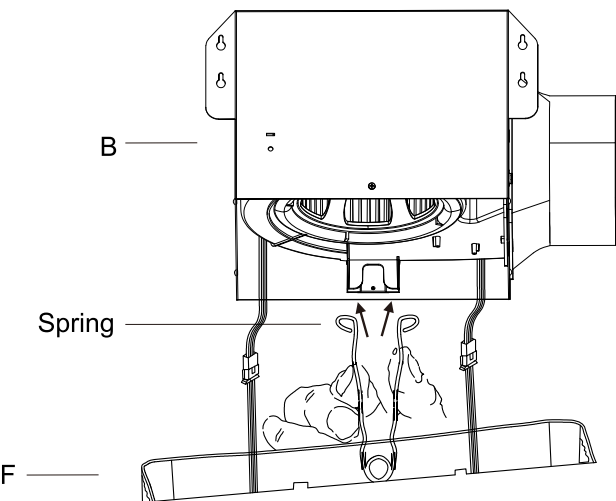


7. Install the Cover

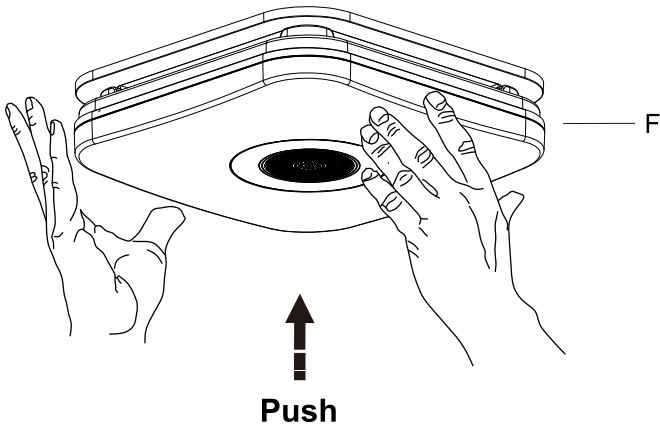
Push the cover connector into the fan housing connector until it snaps securely into place.



Step 2: Pinch each of the two mounting springs on cover (F), then insert one spring into the slot on each end of the fan housing (B), and release to secure.



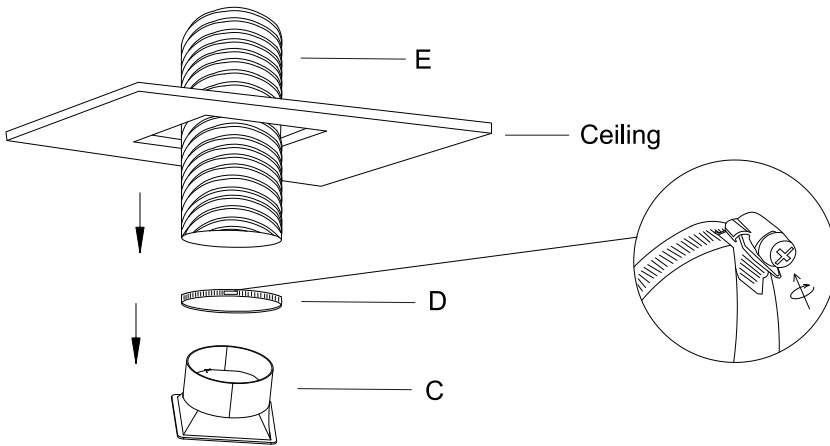
Step 3: Push the cover (F) up until it sits flush with the ceiling to secure it in place.



Option 2. (Without Adjustable Bracket)

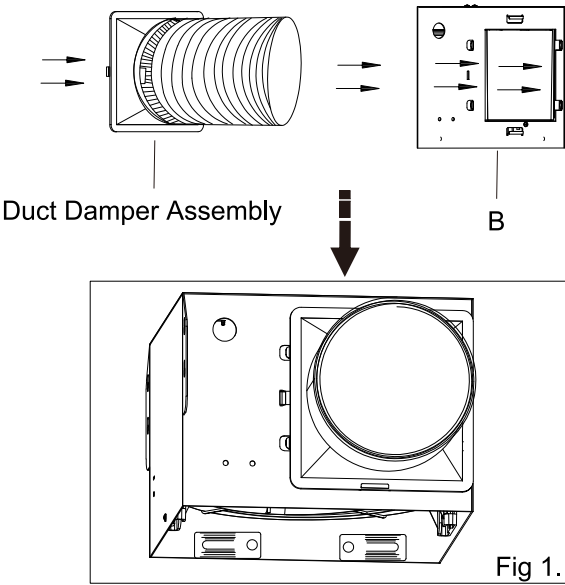
1. Connect the Duct

Pull down the duct (E) from the ceiling opening. Align the duct (E) with the duct damper (C) and securely connect them together. Ensure a tight fit to prevent air leakage. If necessary, use duct tape (not included) or a duct clamp (D) to reinforce the connection, then tighten the screw on the duct clamp (D) to secure the seal.



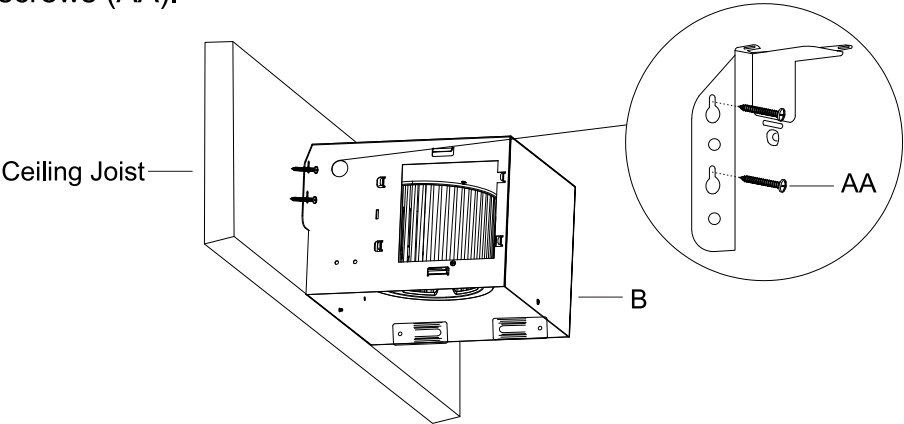
2. Install the Duct and Damper

Insert the duct damper assembly into the designated slot on the fan housing (B). Ensure that the duct damper assembly is properly aligned and securely locked in place. (Fig 1.)



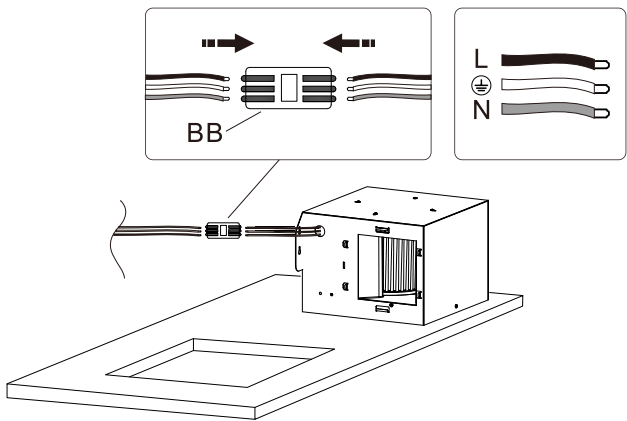
3. Install the Fan Housing

Align the fan housing (B) with the bathroom ventilation hole, ensuring it is flush against the joist. Fasten the bracket securely with the joist screws (AA).



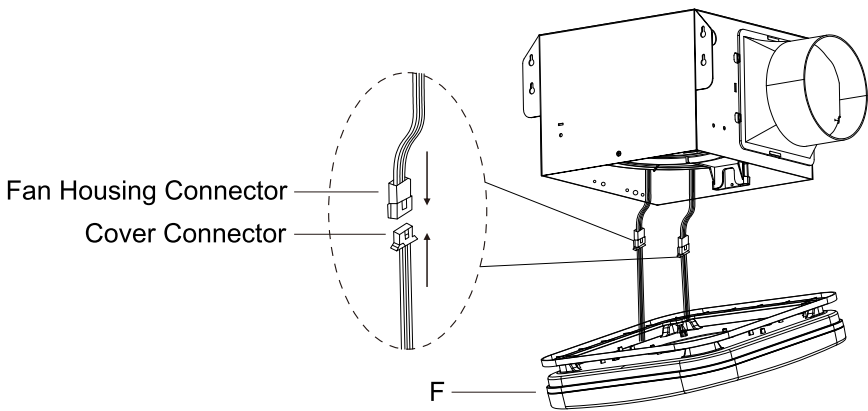
4. Connect the Wire

Use the wire connector (BB) for a secure and convenient connection.

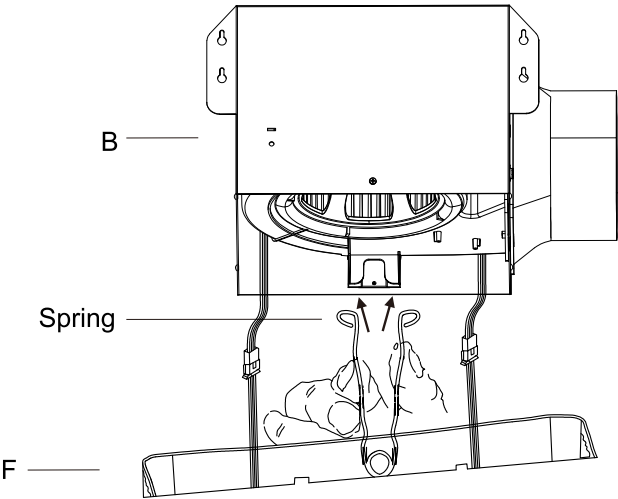


5. Install the Cover

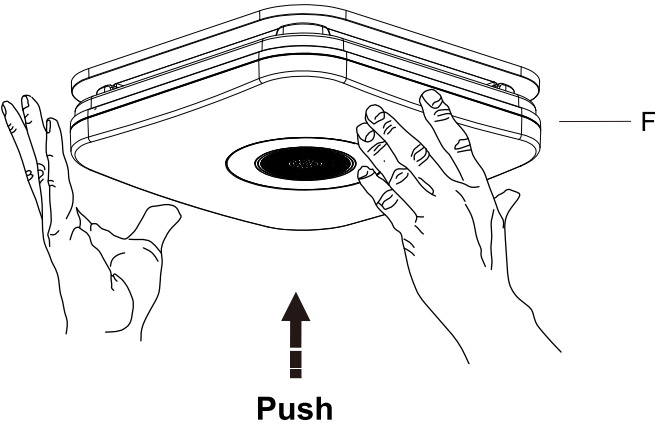
Push the cover connector into the fan housing connector until it snaps securely into place.



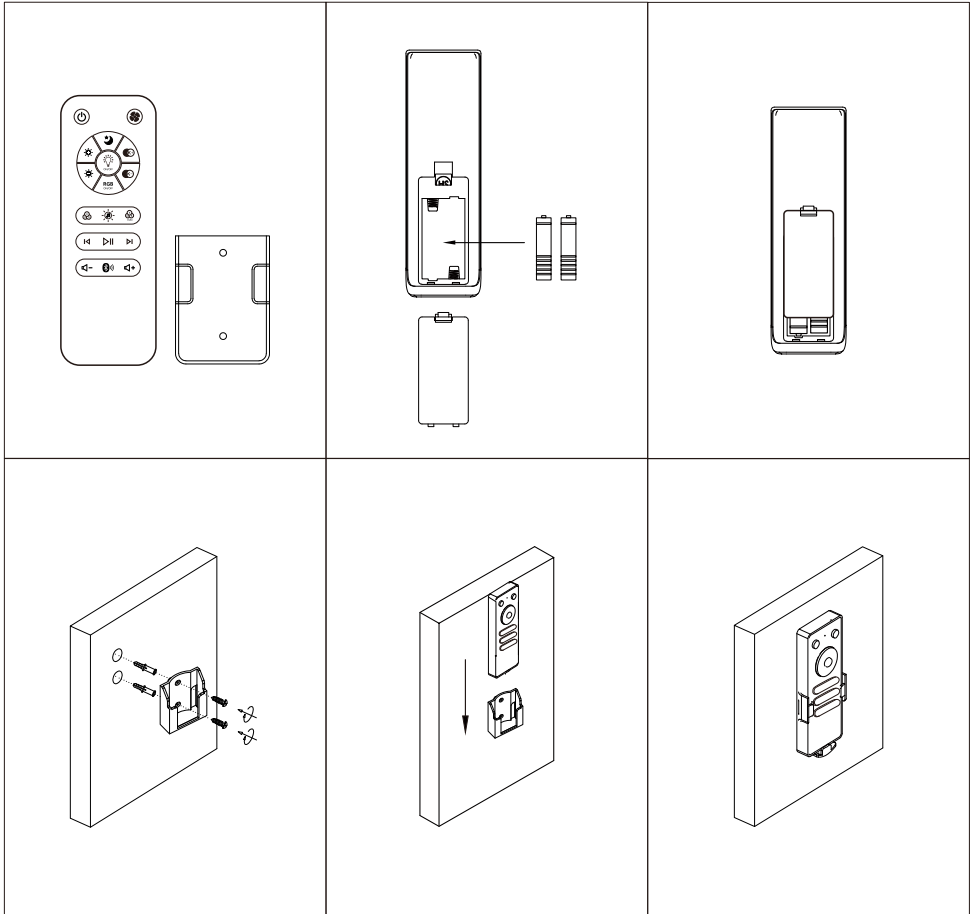
Step 2: Pinch each of the two mounting springs on cover (F), then insert one spring into the slot on each end of the fan housing (B), and release to secure.



Step 3: Push the cover (F) up until it sits flush with the ceiling to secure it in place.



Install the Remote holder



Step 1 : Insert 2 batteries before using : AAA 1.5V battery x 2pcs (not included).

Step 2 : Mark and drill screw holes in the wall, then insert the remote plastic anchors.

Step 3 : Use remote wood screws to fix the remote holder onto the wall.

Remote Control Instructions

		Turn off fan and light Remote Pairing button (Hold 5 sec)
		Fan Settings: Strong / Soft / OFF
		Night Light Mode
		Adjust the brightness of the light
		Adjust the light color temperature
		Turn on/ off the lights. Tuya APP Pairing button (Hold 5 sec)
	RGB ON/OFF	Turn on/ off the RGB
		RGB color switch
		Auto RGB theme
		Music Mode (RGB)
		Music: Previous track & Next track
		Music: Play/ Pause
		Music: Volume- & Volume+
		Bluetooth Disconnect (Hold 3 sec to disconnect)
	REMOTE SIGNAL PAIRING: If the remote control loses signal of the fan, press and hold the button at the very beginning after it's turned on from wall switch. After the fan light flashes, it's done.	
	Note: Please insert 2 batteries before using : AAA 1.5V battery x 2pcs (not included).	

App Connection Instructions



Download and Install the Tuya Smart App:

1. Scan the QR code and install the APP in your phone, or search and install "Tuya Smart" from Google Play, Apple App and other APP stores.
2. Make sure your phone is connected to the internet and bluetooth enabled.

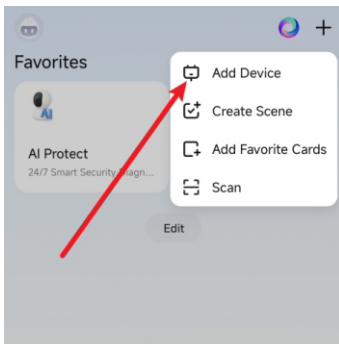
Enter pairing mode:

Option 1: Using the remote control: press and hold the light ON/OFF button "☼" for 5 seconds.

Option 2: Turn the wall switch on/off 3 times slowly.

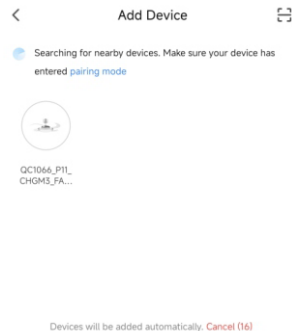
Set up your fan using the Tuya Smart App:

Please select the 2.4G Hz WIFI network. Do not select the 5G Hz WIFI network on your phone! This will cause the connection to the smart device to fail. Steps may vary due to app updates. Follow the app instructions to complete the setup.

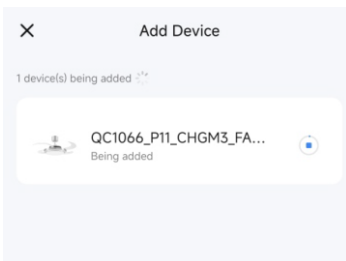


1. Tap "Add Device" on home page.

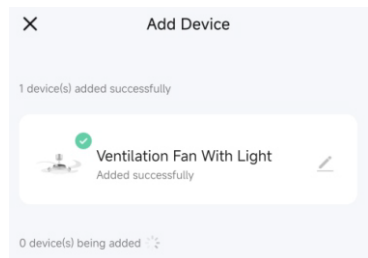
Note: Ensure Bluetooth is enabled.



2. The device will appear in the search results, click "Add".



3. Select the 2.4GHz Wi-Fi network or the mobile network your phone connected.



4. Setup completed.

Trouble Shooting

1. Fan doesn't work

- Check the remote control battery (not included in this package).
- Check the circuit breaker to ensure the power is on.
- Check the connection of the power cord.

2. Lights Do Not Light Up / Flicker

- Check the circuit breaker to ensure the power is on.
- Check the connection of the power cord.
- Check the connection of the LED light source.

3. Noisy Operation

- Check the damper to ensure it is opening and closing properly.
- Ensure there are no sharp bends in the duct within 18 inches of the fan discharge.
- Use the recommended duct size to reduce noise.
- Confirm the fan is securely attached to the ceiling joists.

4. Remote does not work.

- Make sure the battery is installed correctly.
- Pair the remote control again. (See "Remote Control Instructions")
- Install 2 new batteries.

5. The fan is not clearing the room.

- Keep a door or window slightly open to allow airflow, as the fan needs intake air to function effectively.
- Ensure the fan's CFM rating meets the room size requirements.

Clean And Care

To clean, wipe the fixture with a soft cloth. Spraying from chemical cleaners can discolor the finish of the fixture. Do not use scouring pads, powders, steel wool, or abrasive paper to clean this fixture.

Ordering Parts

Keep this manual for future reference, and in case replacement parts are needed. Available parts can be ordered from the place of purchase. Use exact wording from diagrams when ordering parts.