

[Manuals.plus](#) /

› [Fitop](#) /

› Fitop Bathroom Exhaust Fan with Light, 110 CFM, 1.0 Sones, Model BPT13B-110-L13 User Manual

Fitop BPT13B-110-L13

Fitop Bathroom Exhaust Fan with Light User Manual

Model: BPT13B-110-L13

1. IMPORTANT SAFETY INFORMATION

Read all instructions carefully before installation and use. Failure to follow these instructions may result in electric shock, fire, or personal injury.

- Always disconnect power at the service panel before wiring or servicing the unit.
- All electrical wiring must be performed by a qualified electrician in accordance with all applicable local codes and standards.
- Ensure the fan is properly grounded.
- Do not install this fan in a ceiling with insulation that exceeds R-50.
- This unit is designed for general ventilating use only. Do not use to exhaust hazardous or explosive materials and vapors.
- To reduce the risk of fire or electrical shock, do not expose the fan to water or moisture.

2. PRODUCT OVERVIEW

The Fitop Bathroom Exhaust Fan with Light (Model BPT13B-110-L13) is designed to provide efficient ventilation and illumination for bathrooms. It features a quiet 1.0 Sones operation, 110 CFM airflow, and an integrated LED light with adjustable color temperature settings.



Image: Front view of the Fitop Bathroom Exhaust Fan with Light, showcasing its modern design and integrated LED panel.

3. SPECIFICATIONS

Feature	Specification
Brand	Fitop
Model Name	BPT13B-110-L13
Air Flow Capacity	110 CFM (Cubic Feet Per Minute)
Noise Level	1.0 Sones
Wattage	43 watts
Voltage	120 Volts (AC)
LED Light Output	1200 Lumens
Color Temperatures	3000K (Soft White), 4000K (Bright White), 5000K (Daylight)

Product Dimensions	10.25"D x 10.25"W x 7.5"H
Ceiling Opening (L x W x H)	7.75" x 7.5" x 5.75"
Duct Diameter	4 inches
Weight	6.6 Pounds
Certification	ETL

4. INSTALLATION INSTRUCTIONS

Before beginning installation, ensure power is disconnected at the circuit breaker. Wear appropriate safety gear.

4.1 Prepare Ceiling Opening

Ceiling Opening Size

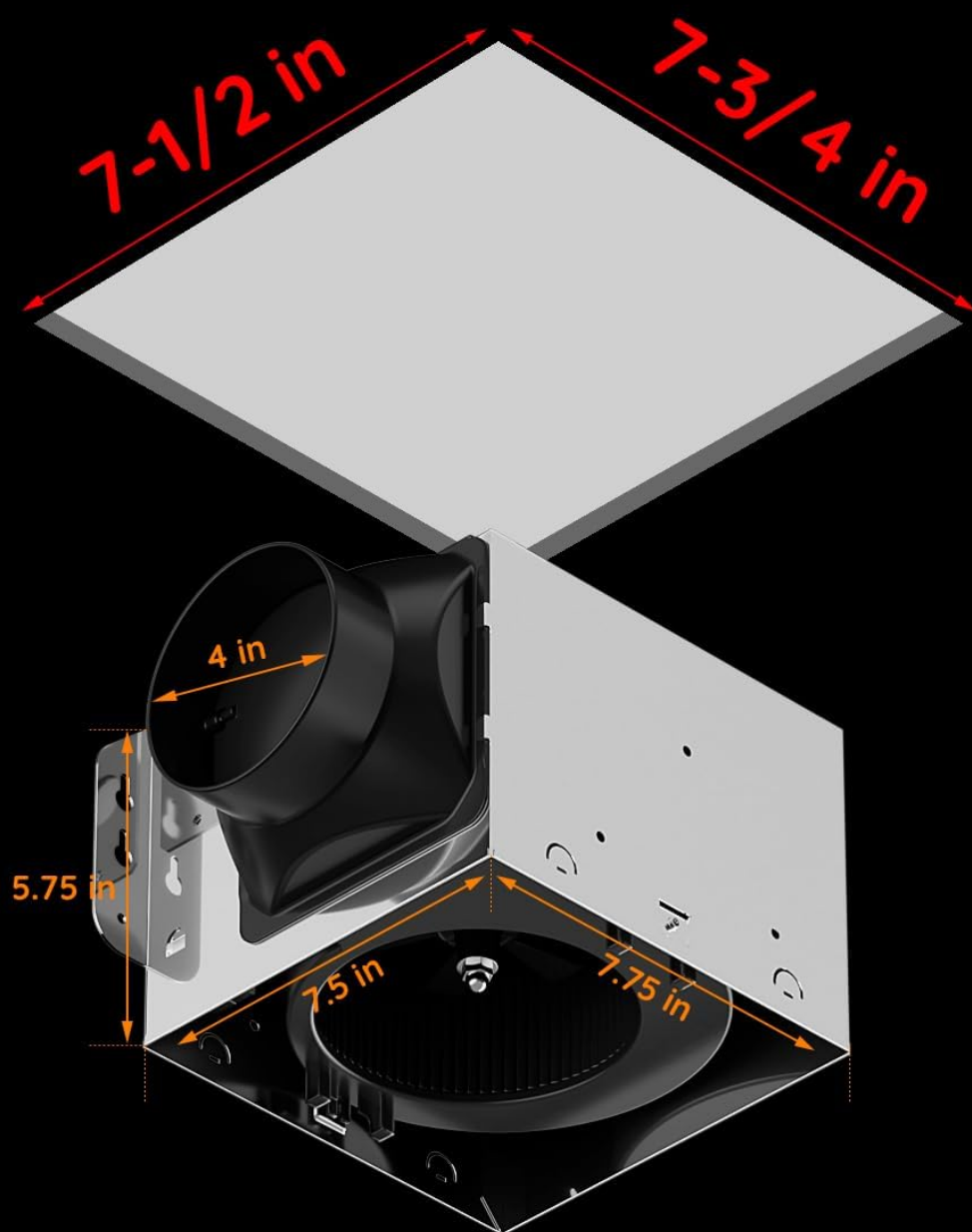
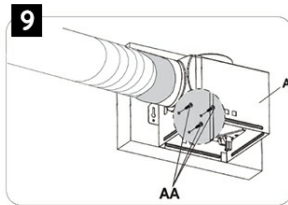


Image: Diagram illustrating the required ceiling opening dimensions for the fan housing.

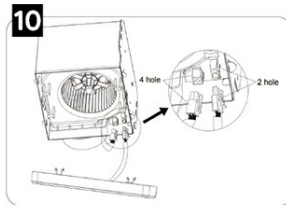
1. Measure the existing ceiling opening. If replacing an old fan, ensure the opening is large enough to accommodate the new fan housing dimensions: 7.75 inches (L) x 7.5 inches (W) x 5.75 inches (H).
2. If installing in a new location or if the existing opening is too small, carefully cut a new opening in the ceiling measuring 7-3/4 inches by 7-1/2 inches.

4.2 Fan Housing Installation

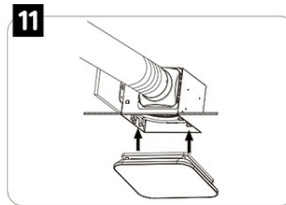


Mount the fan housing (A) to the joist with three wood screws (AA) through the holes in the side of the fan housing (A).

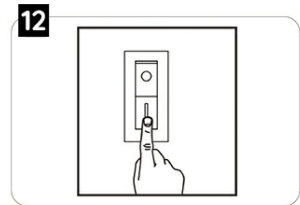
CAUTION: The fan housing (A) must be installed flush with the ceiling board or the grille mounting springs will not be long enough to insert into the slots inside the fan housing (A).



Plug the fan motor plug into the fan housing (4 hole to 4 hole). Place the fan motor back into the fan housing, aligning the duct with the duct opening in the fan housing, and attach the fan motor to the housing using the three screws removed in the step 5. Plug the LED light panel plug into the housing as well (2 hole to 2 hole).



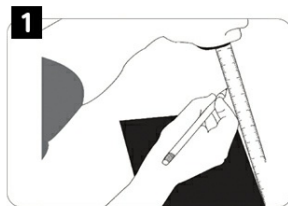
Attach LED light panel by pinching the mounting springs and inserting them into the narrow rectangular slots in the fan housing. Turn on power source. Test the unit.



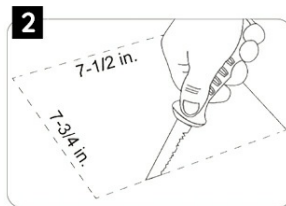
Switch on the light with the last memory status Toggle switch (on-off-on) quickly to change next CCT (3000K-4000K-5000K)

Image: Visual guide for initial installation steps, including measuring, cutting, attaching the duct connector, and removing the fan motor.

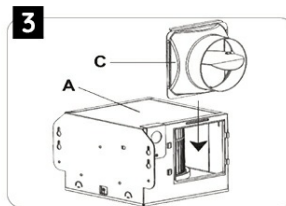
3. Attach the duct connector (C) to the fan housing (A).
4. Remove the three screws on the side of the fan housing (A) that hold the fan motor in place. With the screws removed, unplug the fan motor and pull the fan motor out of the fan housing (A).



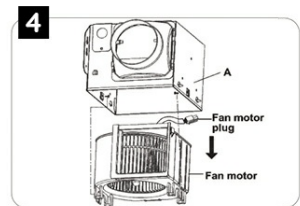
Measure the opening to ensure it is large enough to accommodate the 7-1/2 in x 7-1/4 in. dimensions of the new fan housing (A).



If this fan is not replacing an old fan, be sure to cut a 7-3/4 in. x 7-1/2 in. opening for the fan housing



Attach the duct connector (C) to the fan housing (A).



Remove the three screws on the side of the fan housing (A) that hold the fan motor in place. With the screws removed, unplug the fan motor and pull the fan motor out of the fan housing (A)

Image: Visual guide for wiring and duct connection steps, including removing the wiring box cover, pulling wires, connecting duct, and inserting the fan housing.

5. Remove the wiring box cover from the fan housing (A).
6. Pull the house wires through the hole in the wiring box cover. Using appropriate wire connectors (not included), connect the house wiring from the wall switch to the fan housing (A). 14 AWG is the smallest conductor that should be used for branch circuit wiring. Refer to the wiring diagrams below to ensure proper wire connections. Carefully push the wire connections into the wiring box housing and reattach the wiring box cover. **CAUTION:** If your electrical wires do not match the colors listed, consult a licensed electrician to determine each wire's function before connecting.
7. Connect a 4-inch circular duct to the duct connector on the fan housing (A), securing it with duct tape or a clamp. Vent the duct to the outside.
8. With the wiring and duct connected, insert the fan housing (A) into the ceiling hole. Position the fan housing (A) so the bottom edge is flush with the ceiling.



Image: Visual guide for final assembly steps, including mounting the fan housing, plugging in the fan motor, attaching the LED light panel, and testing the unit.

9. Mount the fan housing (A) to the joist with three wood screws (AA) through the holes in the side of the fan housing (A). **CAUTION:** The fan housing (A) must be installed flush with the ceiling board or the grille mounting springs will not be long enough to insert into the slots inside the fan housing (A).
10. Plug the fan motor plug into the fan housing (4-hole to 4-hole). Place the fan motor back into the fan housing, aligning the duct with the duct opening in the fan housing, and attached the fan motor to the housing using the three screws removed in step 4. Plug the LED light panel plug into the housing as well (2-hole to 2-hole).
11. Attach the LED light panel by pinching the mounting springs and inserting them into the narrow rectangular slots in the fan housing.
12. Turn on power source. Test the unit.

4.3 Wiring Diagrams

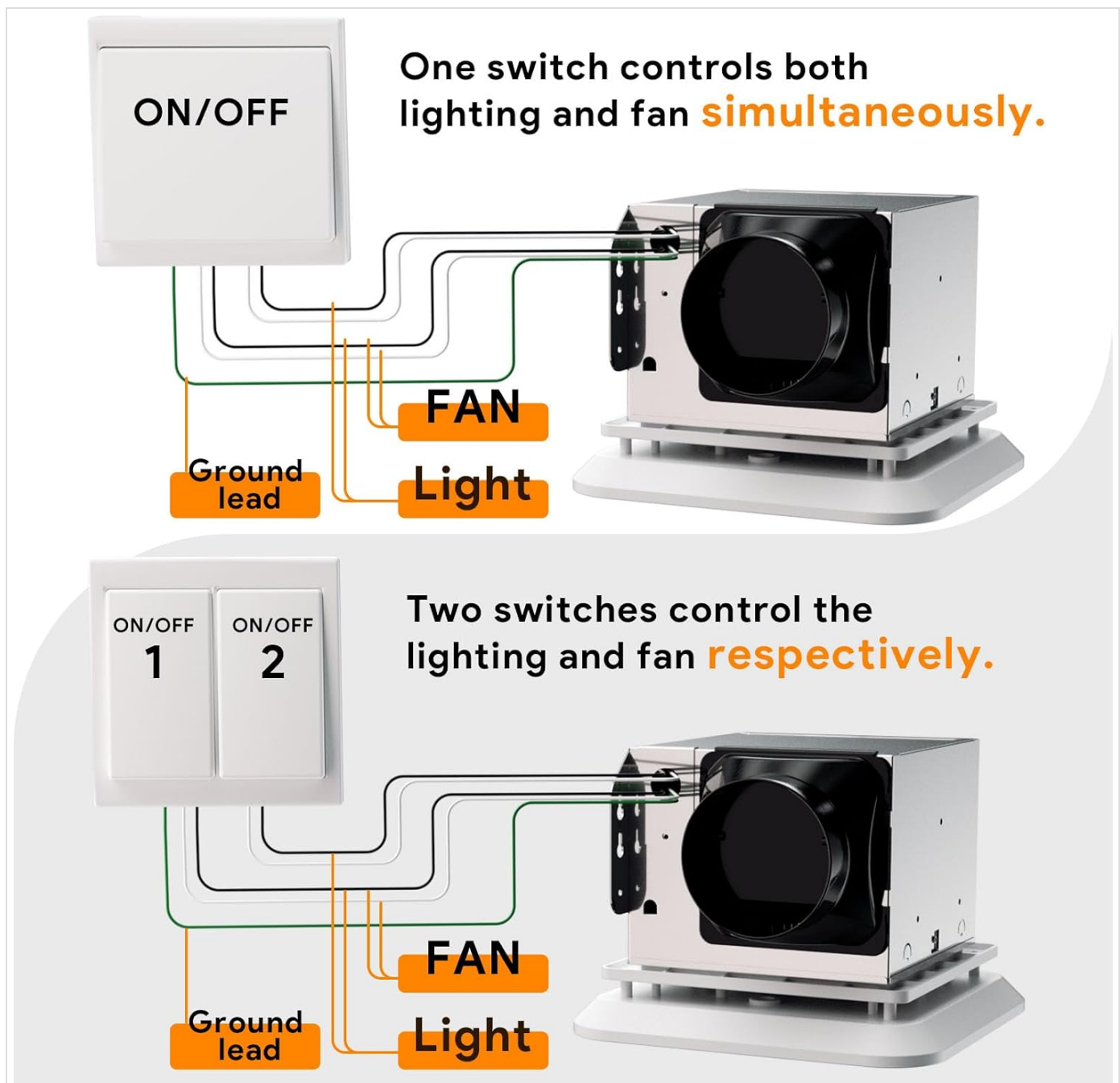


Image: Two wiring diagrams. The top diagram shows a single switch controlling both the fan and light simultaneously. The bottom diagram shows two separate switches controlling the fan and light independently.

- **Single Switch Control:** Connect the fan and light wires to a single ON/OFF switch for simultaneous operation. Ensure proper ground lead connection.
- **Dual Switch Control:** Connect the fan and light wires to separate ON/OFF switches for independent control. Ensure proper ground lead connection.

5. OPERATING INSTRUCTIONS

5.1 Fan Operation

The exhaust fan operates by turning on the connected wall switch. It provides 110 CFM airflow to effectively remove moisture and odors from your bathroom.



Image: A split image showing a steamy bathroom on the left and a clear bathroom on the right, demonstrating the fan's effectiveness in removing moisture.

5.2 LED Light Operation and Color Temperature Adjustment

The integrated LED light provides 1200 lumens of illumination and offers three selectable color temperatures.

3rd gear Color temp



Image: Three bathroom scenes demonstrating the different LED light color temperatures: 5000K (Daylight), 4000K (Bright White), and 3000K (Soft White).

1. Turn on the light using the connected wall switch. The light will illuminate at the last saved color temperature setting.
2. To change the color temperature, quickly toggle the switch OFF and then ON again (within 7 seconds). The light will cycle through the settings: 3000K (Soft White) → 4000K (Bright White) → 5000K (Daylight).
3. The fan automatically saves the last selected color temperature if the light remains off for more than 7 seconds.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your exhaust fan.

- **Cleaning the Grille:** Periodically remove the light panel/grille and wipe it with a damp cloth. Do not use abrasive cleaners.
- **Cleaning the Fan Blades:** With power disconnected, carefully wipe the fan blades with a damp cloth to remove dust and debris.
- **Motor Maintenance:** The fan motor is permanently lubricated and requires no additional oiling.
- **Ductwork Inspection:** Annually inspect the ductwork for any blockages or leaks that could reduce efficiency.

WARNING: Always disconnect power before performing any maintenance or cleaning.

7. TROUBLESHOOTING

If you encounter issues with your Fitop Bathroom Exhaust Fan, refer to the following common problems and solutions:

- **Fan or Light Does Not Operate:**
 - Check if the circuit breaker is tripped.
 - Ensure all electrical connections are secure and correctly wired according to the diagrams.
 - Verify that the fan motor and LED light panel plugs are fully inserted into their respective receptacles within the housing.
- **Reduced Airflow:**
 - Check for obstructions in the ductwork or at the exterior vent cap.
 - Clean any accumulated dust or debris from the fan blades and grille.
- **Excessive Noise:**
 - Ensure the fan housing is securely mounted and not vibrating against ceiling joists.
 - Check for loose screws or components within the fan assembly.
 - Clean fan blades if they are unbalanced due to debris.
- **Light Color Temperature Does Not Change:**
 - Ensure you are toggling the switch OFF and ON quickly enough (within 7 seconds) to cycle through the settings.

8. WARRANTY AND SUPPORT

Fitop products are manufactured and certified to meet regional, national, and international industry standards. We are confident in the quality of each product.

For any issues or support needs, please contact Fitop customer service. Refer to your purchase documentation or the Fitop website for specific warranty terms and contact information.

When contacting support, please have your model number (BPT13B-110-L13) and purchase date available.

© 2025 Fitop. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question