

GOOD HOUSEKEEPING



English

PowerFlow Pro Series

Ventilation Fan with Light
Owner's Manual

⚠ WARNING

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

1. Use this unit only in a manner intended by the manufacturer. If you have questions, contact the manufacturer.
2. Before servicing or cleaning the unit, switch power off at service panel and lock the service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.
3. Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction.
4. Sufficient air is needed for proper combustion and exhausting of gasses through the flue (chimney) of fuel burning equipment to prevent backdrafting. Follow the heating equipment manufacturer's guideline and safety standards, such as those published by the National Fire Prevention Association (NFPA), and the American Society for Heating, Refrigeration and Air-Conditioning Engineers (ASHRAE), and the local code authorities.
5. When cutting or drilling into wall(s) or ceiling, do not damage electrical wiring or other hidden utilities.
6. Ducted fans must always be vented to the outdoors.
7. If this unit is to be installed over a tub or shower, it must be marked as appropriate for the application and be connected to a GFCI (Ground Fault Circuit Interrupter) - protection branch circuit.
8. Never place a switch where it can be reached from a tub or shower.
9. Install fan at least 7 feet (2.1 m) above the floor.
10. This unit must be grounded.
11. To reduce risk of fire and to properly exhaust air, be sure to duct air outside - Do not vent exhaust air into spaces within walls or ceilings or into attics, crawl spaces, or garages.
12. Do Not Use This Fan With Any Solid-State Speed Control Device.
13. Unit must not be installed in a ceiling thermally insulated to a value greater than R40.

⚠ CAUTION

1. For general ventilating use only. Do not use to exhaust hazardous or explosive materials and vapors.
2. To avoid motor bearing damage and noisy/unbalanced impellers, keep drywall spray, construction dust, etc. off power unit.
3. DO NOT install this product in a wall. This product is designed for installation in ceilings up to a 12/12 pitch (45 degrees). Ductwork must point upward.
4. Please read specification label on product for further information and requirements.

⚠ WARNING

**DISCONNECT ELECTRIC
POWER SUPPLY
AND LOCK OUT
SERVICE PANEL BEFORE
SERVICING UNIT**

PREVENTATIVE MAINTENANCE

A clean fan provides better service. Disconnect the power supply and clean the fan as listed below.

TO CLEAN GRILL: Use a mild detergent, such as dishwashing liquid, and a soft cloth. DO NOT use abrasive cloths, steel wool pads or scouring powders.

TO CLEAN FAN ASSEMBLY: Unplug motor cord from receptacle. To remove motor plate, find the single tab on the motor plate (located next to the receptacle). Push up rear motor plate tab while pushing out on the side of the housing or insert a screwdriver into the slot in the housing (next to tab) and twist screwdriver. Gently vacuum fan, motor and interior of housing.

METAL AND ELECTRICAL PARTS SHOULD NEVER BE IMMERSSED IN WATER.

MAINTENANCE

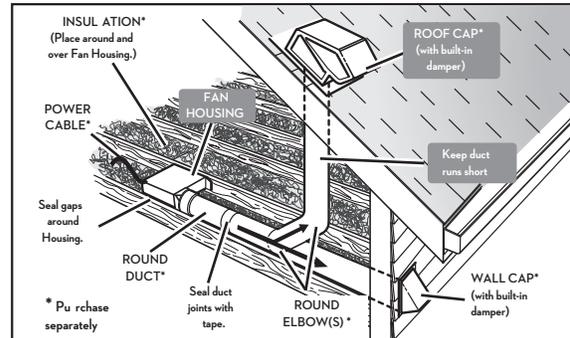
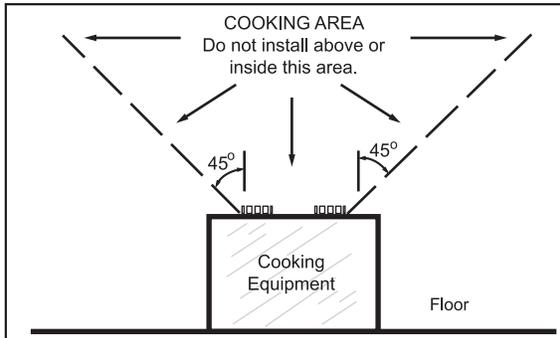
The motor is permanently lubricated and never needs oiling. If the motor bearings are making excessive or unusual noises, replace the motor with the exact service motor. You should replace the impeller at the same time.

OPERATION

The fan, and light can be operated separately. Use a 2-function wall control. See “Connect Wiring” for details.

PLAN THE INSTALLATION

1. Do not use in a cooking area.
2. Two ways to connect ductwork to a factory-shipped unit.



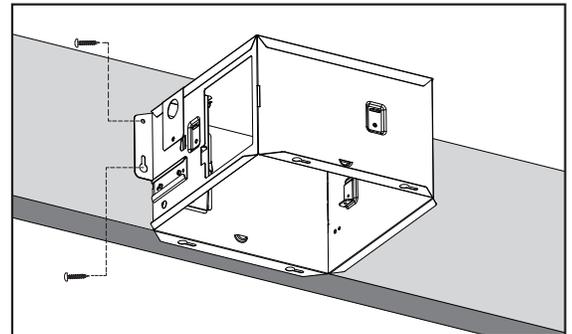
TYPES OF TYPICAL INSTALLATIONS

1. Housing mounted to I-joists (Start at “ASSEMBLY INSTRUCTIONS 1”)
2. Housing mounted to joists (Start at “ASSEMBLY INSTRUCTIONS 1”)
3. Housing mounted to truss (Start at step “ASSEMBLY INSTRUCTIONS 2”)

ASSEMBLY INSTRUCTIONS

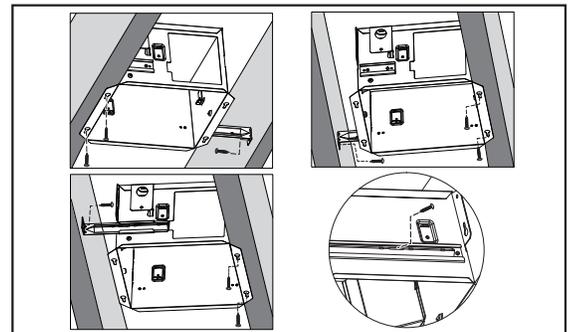
1. MOUNT HOUSING TO JOIST OR I-JOIST.

- a. Hold the housing so that it is in contact with the bottom of the joist.
- b. Attach the housing with four (4) screws to the joist through the holes in each mounting flange.



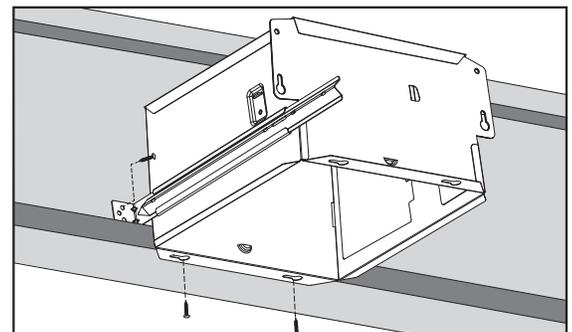
2. Mount with mounition holes and hanger bar

- a. Slide one hanger bar into the channel on the housing and adjust as needed to fit between framing.
- b. Hold housing in place so that the housing contact the bottom of the joist, Screw housing to joist through the hole of the housing .
- c. Screw the hanger bar onto the other side of joist through the hole.
- d. Screw hanger bar to housing with screw.
- e. Refer to the right diagram.



3. Mount to I-joist

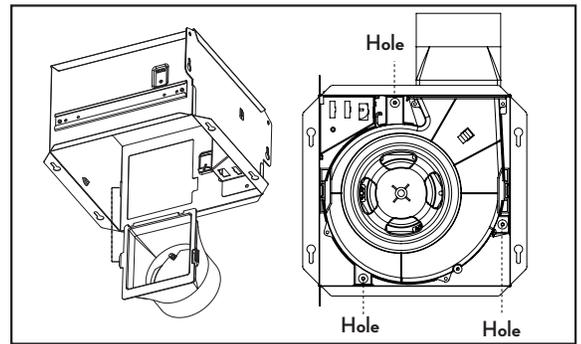
- a. Slide one hanger bar into channel on the housing and adjust as needed.
- b. Hold housing in place so that the housing contacts the bottom of the joist.
- c. Screw housing to joist through the hole of the housing.
- d. Screw the hanger bar onto the joist through the hole.
- e. Screw hanger bar to housing with screw .



ASSEMBLY INSTRUCTIONS

4. Install DUCT AND BLOWER ASSEMBLY

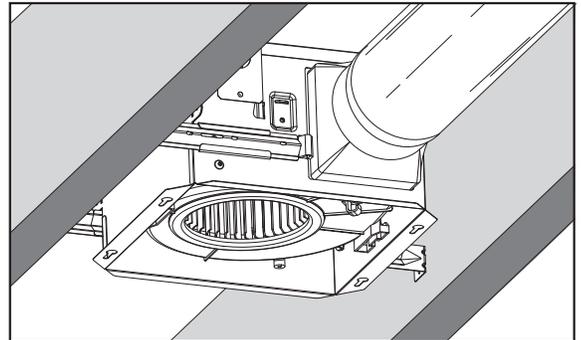
- Install duct from the inside of the housing; Fix the duct by the tab.
- Fix the BLOWER ASSEMBLY to the housing by 3 screws.



5. INSTALL ROUND DUCTWORK

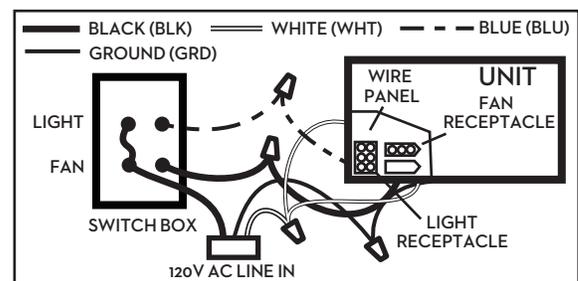
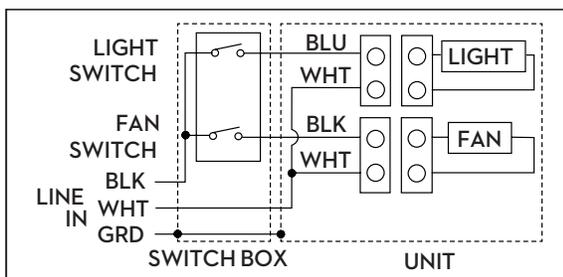
- Connect the round ductwork (not included) to the damper/duct connector, and run the ductwork to a roof or wall cap (not included).
- Using tape (not included), secure all the ductwork connections so that they are air tight.
- Insulated flexible duct is recommended for the quietest possible installation. If rigid duct is used, a short (1-3 feet) section of insulated flexible duct will ensure quiet operation.

The ducting from this fan to the outside of building has a strong effect on the air flow, 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.



CONNECT ELECTRICAL WIRING

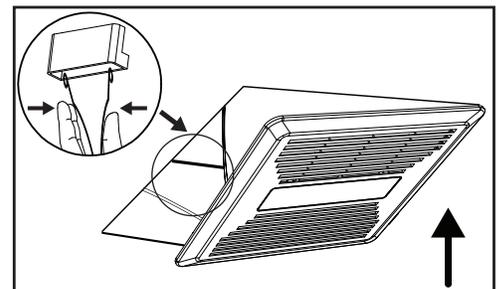
Run 120 V AC house wiring to the location of the fan. Use only UL-approved connectors (not included) to attach the house wiring to the wiring plate. Refer to the wiring diagram, and connect the wires as shown.



INSTALL GRILLE

Install ceiling material to complete the ceiling construction. Then, cut around the fan housing.

To attach the grille assembly to the fan housing, Insert the light plug from the grille assembly into the wire panel. Pinch the grille springs on the sides of the grille assembly, and position the grille into the housing with the grille springs in the appropriate slots. Push the grille assembly towards the ceiling to secure.



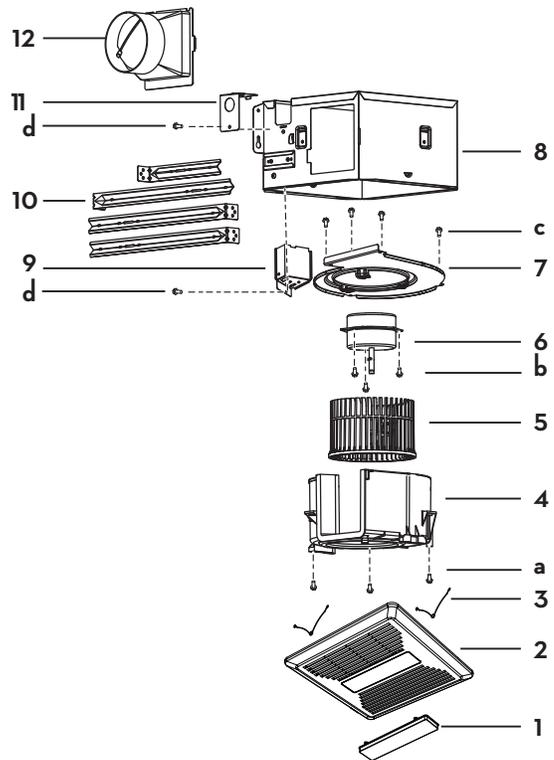
SERVICE PARTS

PART	PART NAME	Qty.
1	Lens	1
2	Grille Assembly (includes part 1 & 3)	1
3	Grille Spring	2
4	Blower	1
5	Blower Wheel	1
6	Motor	1
7	Motor Plate	1
8	Housing	1
9	Wire Panel / Harness Assembly	1
10	Hanger Bars	4
11	Wiring Plate	1
12	Damper/ Duct Connector	1
a	Screw	3
b	Screw	3
c	Screw	4
d	Screw	2

* Blower Assembly includes part 4, 5, 6, 7, a, b, c

Replacement installation: Remove the screw (part a), then take out the blower assembly from the housing (part 8). Replace the broken parts.

WARNING: Ensure that the fan is switched off from the supply mains before replacing.



TROUBLESHOOTING

Problem: Fan does not come on.

Solution:

- Good Housekeeping Bath Ventilators are extremely quiet. To confirm that the fan is running, place your hand near the vents to feel the air movement.
- Turn power on, replace fuse, or reset breaker.
- Check all plug connections to be sure they are secure.
- Check the wiring to make sure it matches the wiring diagram.

Problem: Fan is noisy.

Solution:

- Check and tighten all fasteners.
- Check the glass to make sure it is secure.
- Check the flapper to make sure it moves freely.

If you need any assistance with setup, operation, or parts for your new Good Housekeeping bath ventilator, please call us. Our technical support staff is ready to help! We are open 24 hours a day, 7 days a week.

USA: 1-888-880-3267 (FANS)

You may also reach us online at www.OceanAireHomeGoodsCompany.com.

An electronic copy of this user manual can also be obtained online at www.OceanAireHomeGoodsCompany.com.

WARRANTY

OceanAire Home Goods Company
Bath Ventilator

LIMITED WARRANTY

Thank you for choosing the Good Housekeeping Bathroom Ventilator manufactured by OceanAire Home Goods Company. OceanAire Home Goods Company makes the following limited warranty to the original user or consumer purchaser of this Good Housekeeping bath ventilator:

If any part of your Good Housekeeping bath ventilator (except for glass fixtures and light bulbs) fails at any time within two years after the date of sale to you due to a defect in material or workmanship, we will repair or, at our option, replace the defective part free of charge for parts and labor performed at our nearest service center or at our Service Department in Kennesaw, Georgia. After this two-years period, you will be responsible for all parts and labor costs for repairs on the bath ventilator except for motor repairs as provided below.

If your Good Housekeeping bath ventilator motor fails after the date of sale to you due to a defect in material or workmanship, labor and materials to repair the defect will be provided free of charge at our Service Department in Kennesaw, Georgia for the limited lifetime of the product. If no replacement part can be provided, we will, at our option, either refund the actual purchase price of your bath ventilator or provide a compatible replacement free of charge.

IF THE ORIGINAL USER OR CONSUMER PURCHASER CEASES TO OWN THE FAN, THIS WARRANTY AND ANY IMPLIED WARRANTY WHICH THEN REMAINS IN EFFECT, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE VOIDED. NO WARRANTY, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, IS MADE IN RESPECT OF GLASS FIXTURES OR LIGHT BULBS OR THE FINISH ON ANY METAL PORTION OF THE BATH VENTILATOR.

THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES. THE DURATION OF ANY IMPLIED WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, IN RESPECT TO ANY GOOD HOUSEKEEPING BATH VENTILATOR MOTOR OR OTHER FAN PART, IS EXPRESSLY LIMITED TO THE PERIOD OF THE EXPRESS WARRANTY SET FORTH ABOVE FOR SUCH MOTORS OR OTHER PARTS.

This warranty is voided if your Good Housekeeping bath ventilator is not purchased and installed in the contiguous USA. This warranty excludes and does not cover defects, malfunctions or failures of any Good Housekeeping bath ventilator which were caused by repairs by persons not authorized by us, use of parts or accessories not authorized by us, mishandling, improper installation, modifications or damage to the Good Housekeeping bath ventilator while in your possession, or unreasonable use including failure to provide reasonable and necessary maintenance.

To obtain servicing, contact the OceanAire Home Goods Company Service Department, 980 Cobb Place Boulevard NW, Suite 100, Kennesaw, GA 30144. Please contact us before shipping your bath ventilator to us. If we authorize you to ship it to us, you will be responsible for all insurance and freight or other transportation charges to our factory or service center. We will return your Good Housekeeping bath ventilator freight prepaid. Your Good Housekeeping bath ventilator should be properly packed to avoid damage in transit since we will not be responsible for any such damage. Proof of purchase is required when requesting warranty service. The purchaser must present the sales receipt or other document that establishes proof of purchase.

IN NO EVENT SHALL OCEANAIRE HOME GOODS COMPANY BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES.

SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES SO THE ABOVE LIMITATION OR EXCLUSIONS MAY NOT APPLY TO YOU.

THE WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

GOOD HOUSEKEEPING

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