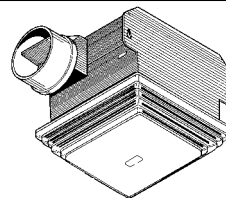




CEILING VENTILATOR



READ AND SAVE THESE INSTRUCTIONS

WARNING

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

1. Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer at the address or telephone number listed in the warranty.
2. Before servicing or cleaning 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 a qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction codes and standards.
4. Sufficient air is needed for proper combustion and exhausting of gases 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 Protection 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 or ceiling, do not damage electrical wiring and other hidden utilities.

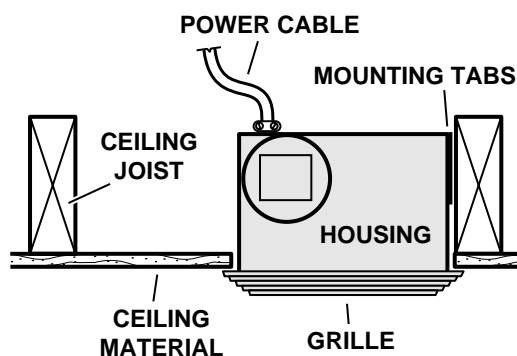
WARNING

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) - protected branch circuit.
8. Never place a switch where it can be reached from a tub or shower.
9. This unit must be grounded.

CAUTION

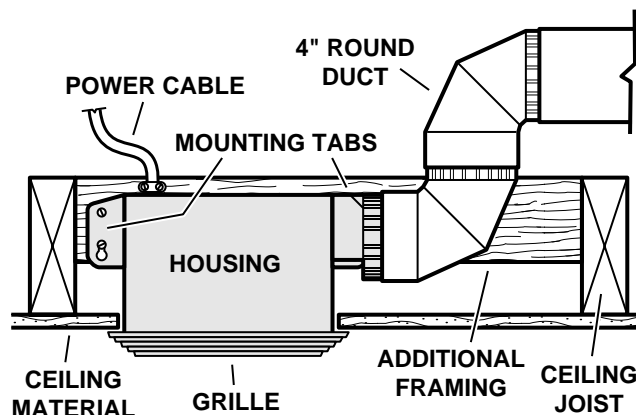
1. For general ventilating use only. Do not use to exhaust hazardous or explosive materials and vapors.
2. To avoid motor bearing damage and noisy and/or unbalanced impellers, keep drywall spray, construction dust, etc. off power unit.
3. Please read specification label on product for further information and requirements.

TYPICAL INSTALLATIONS



16"-ON-CENTER CEILING JOISTS
Housing mounted directly to joist.

TYPICAL INSTALLATIONS

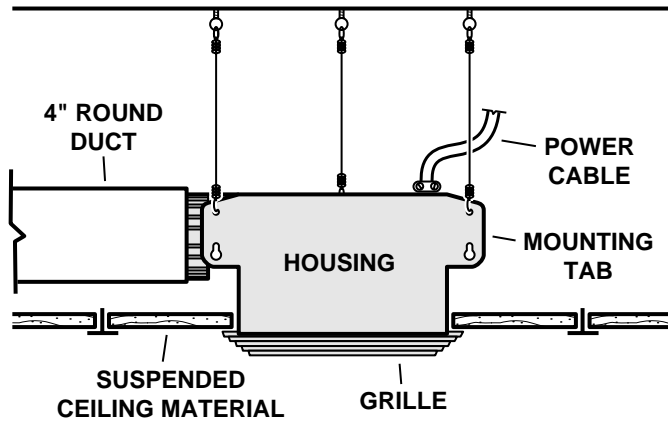


24"-ON-CENTER CEILING JOISTS
Housing mounted to additional framing.

Installer: Leave this manual with the homeowner.
Homeowner: Use and Care information on page 4.



TYPICAL INSTALLATIONS (continued)



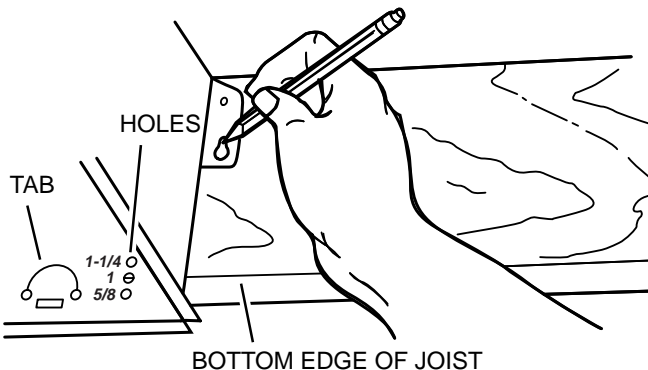
SUSPENDED CEILINGS

Housing hung with wires - 3-point mount.

INSTALL THE HOUSING

New Construction

1. Choose the location for your fan in the ceiling. For best possible performance, use the shortest possible duct run and a minimum number of elbows.



2. Position mounting brackets against joist so that bottom edge of housing will be flush with finished ceiling.

Additional positioning feature for 5/8", 1", & 1-1/4" thick ceiling material:

Holes in corners of housing are labeled with various ceiling material thicknesses. Position housing so bottom edge of joist is visible through a matched set of holes. The housing is now in the proper position for that ceiling material thickness.

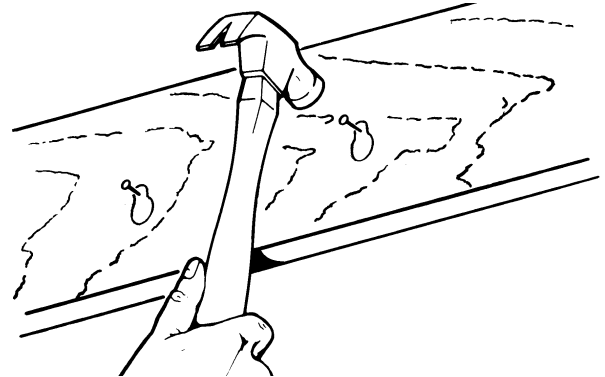
Additional positioning feature for 1/2" thick ceiling material:

Bend two tabs, on side of housing, 90° outward. Lift housing until tabs contact underside of joist.

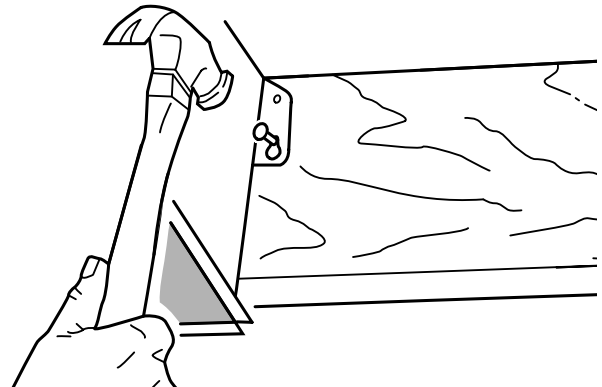
Mark the keyhole slot on both mounting brackets.

INSTALL THE HOUSING (continued)

New Construction



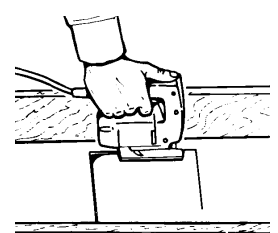
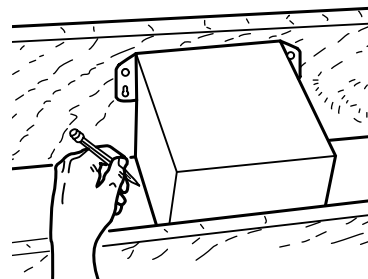
3. Set housing aside and drive nails partially into joist at the top of both keyhole marks.



4. Hang housing from nails and pound nails tight. To ensure a noise-free mount, pound another nail through the top hole of each mounting tab.

Existing Construction

1. Choose the location for your fan in the ceiling. For best possible performance, use the shortest possible duct run and a minimum number of elbows.

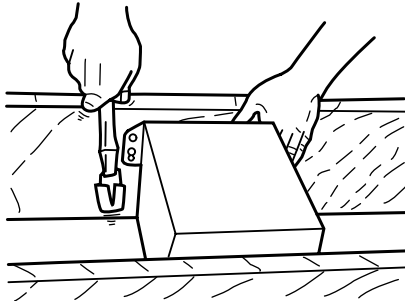


2. In attic, position mounting brackets against joist. Trace outline of housing on ceiling material.
3. Set housing aside and cut ceiling opening slightly larger than marked.

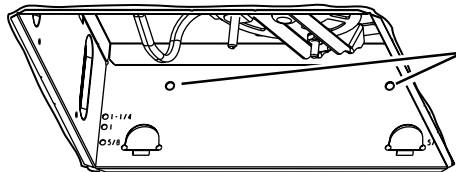


INSTALL THE HOUSING (continued)

Existing Construction



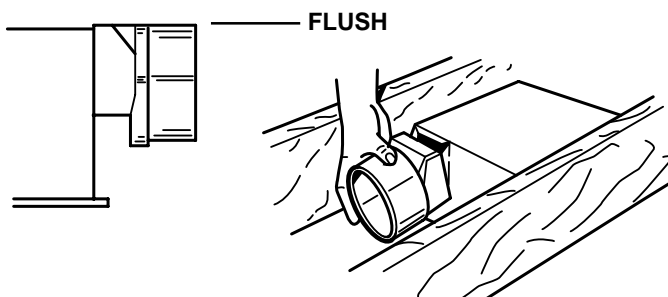
- Place housing in opening so that its bottom edge is flush with finished ceiling. Nail to joist through keyhole on both sides. To ensure a noise-free installation, drive another nail through the top hole of each mounting bracket.



ADDITIONAL
MOUNTING
HOLES

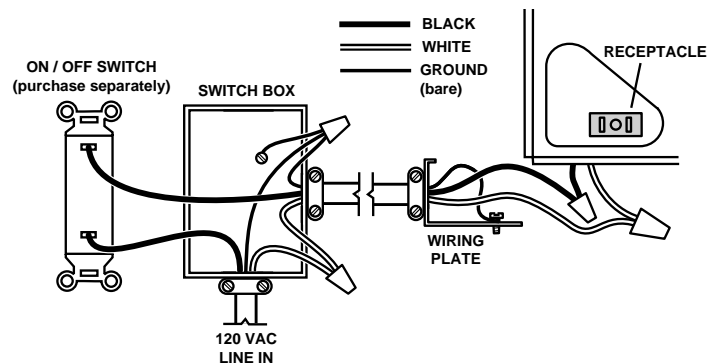
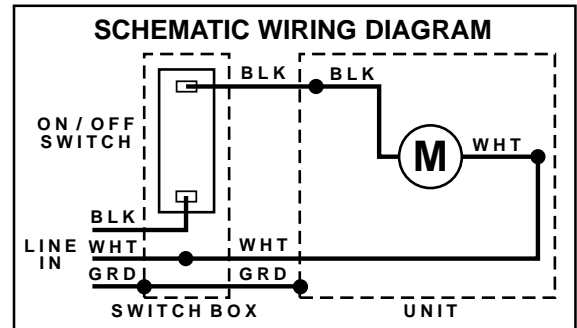
- Additional mounting holes are provided for installations where access from above is inconvenient or not possible. Nail or screw housing directly to joists or framing.

INSTALL THE DUCTWORK



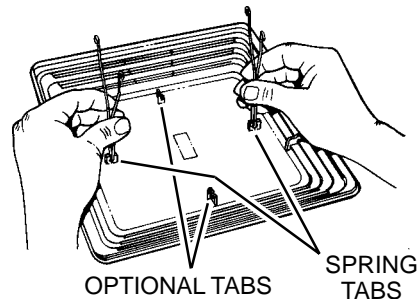
- Snap the damper/duct connector onto housing. Make sure that tabs on the connector lock into slots in housing. Top of damper/duct connector should be flush with top of housing.
- Connect 4" round duct to damper/duct connector and extend duct to outside through a roof or wall cap. Check damper to make sure that it opens freely. Tape all duct connections to make them secure and air tight.

CONNECT THE WIRING



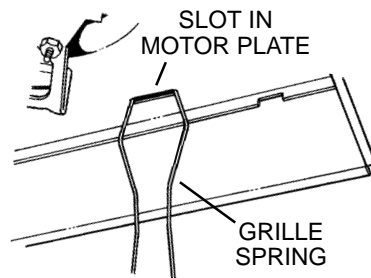
- Wire unit following diagram above. Run electrical cable as direct as possible to unit. Do not allow cable to touch sides or top of unit after installation is complete.

ATTACH THE GRILLE

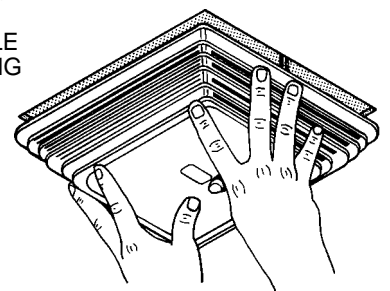


- Squeeze grille springs together and insert springs into slots in motor plate.

NOTE: If desired, rotate grille 90° and move springs to optional tabs.



- Push grille up against ceiling.





U.S. FAN INTERNATIONAL®
P.O. Box 978
Muskogee, Oklahoma 74402

MODEL UVQ80

Page 4

USE AND CARE

WARNING: DISCONNECT ELECTRICAL POWER SUPPLY AND LOCK OUT SERVICE PANEL BEFORE CLEANING OR SERVICING THIS UNIT.

The motor is permanently lubricated. Do not oil or disassemble motor.

TO CLEAN GRILLE:

CAUTION: Plastic parts can be cleaned with mild, soapy water (use a mild detergent, such as dishwashing liquid) and dried with a soft cloth. **Do not use abrasive cloth, steel wool pads, or scouring powders.**

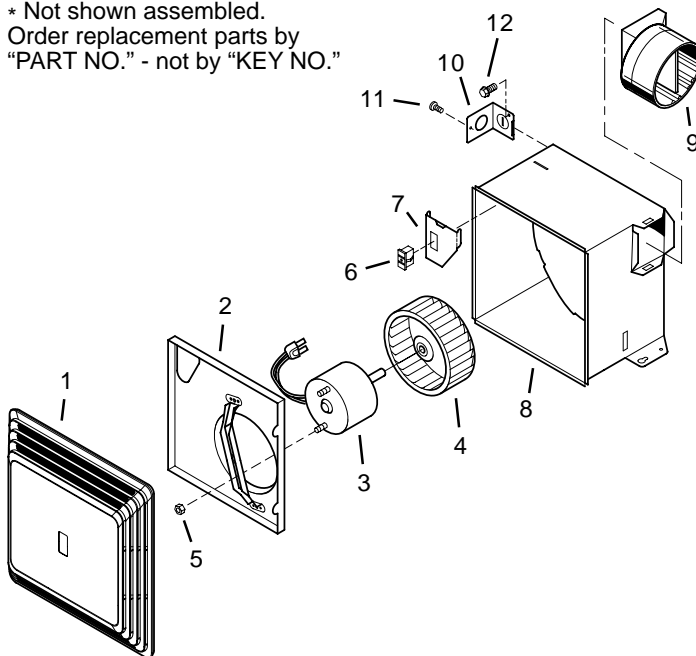
TO CLEAN FAN ASSEMBLY:

Unplug fan assembly. To remove motor plate: Find the single tab on the motor plate (located next to the receptacle). Push up near motor plate tab while pushing out on side of housing. Or insert a straight-blade screwdriver into slot in housing (next to tab) and twist screwdriver. Gently vacuum fan, motor and interior of housing. **METAL AND ELECTRICAL PARTS SHOULD NEVER BE IMMERSED IN WATER.**

SERVICE PARTS

KEY	PART NO.	DESCRIPTION
1	97013576	Grille
2	97014926	Motor Plate
3	99080518	Motor
4	99020276	Impeller
5	99260425	Motor Nut (2 req.)
*	97015159	Blower Assembly (includes Key Nos. 2 thru 5)
6	99270982	Receptacle
7	98009611	Wire Panel
*	97015170	Wire Panel Assembly (includes Key Nos. 6 & 7)
8	97014922	Housing
9	97003932	Damper/Duct Connector
10	98008868	Wiring Plate
11	99150575	Screw, #8-18 x .375
12	99150574	Ground Screw

* Not shown assembled.
Order replacement parts by
"PART NO." - not by "KEY NO."



WARRANTY

LIMITED WARRANTY

WARRANTY AND DISCLAIMER: U.S. Fan international extends this limited warranty to the original buyer and warrants that products manufactured by the Company shall be free from original defects in workmanship and materials for two years from date of shipment, provided same have been properly stored, installed, serviced, maintained and operated. This warranty shall not apply to products which have been altered or repaired without the Company's express authorization, or altered or repaired in any way so as, in the Company's judgment, to affect its performance or reliability, nor which have been improperly installed or subjected to misuse, negligence, or accident, or incorrectly used in combination with other substances. The Buyer assumes all risks and liability for results of use of the products. Warranties on purchased parts, such as but not limited to bearings, sheaves, belts, couplings, electric motors, pumps and controls are limited to the terms of warranty extended by our supplier. Polyethylene tubing and cooling pads are warranted to be free of defects in material and workmanship for a period of 90 days from date of shipment and a like warranty applies to the cross fluted cellular type cooling cells for a period of two years from date of shipment provided same have been properly handled, stored, installed, serviced, maintained and operated. And further, not subjected to excessive heat, corrosive agents or chemicals, or mechanical abuse that may cause tearing, crushing or undue deterioration nor used on a system or in a manner other than that for which it was designed as explained in the product literature.

LIMITATION OF REMEDY AND DAMAGES: All claims under this warranty must be made in writing and delivered to P. O. Box 978, Muskogee, Oklahoma, 74402, within 15 days after discovery of the defect and prior to the expiration of two years from the date of shipment by the Company of the product claimed defective, and Buyer shall be barred from any remedy if Buyer fails to make such claim within such period. Within 30 days after receipt of a timely claim, the Company shall have the option either to inspect the product while in Buyer's possession or to request Buyer to return the product to the Company at Buyer's expense for inspection by the Company. The Company shall replace, or at its option repair, free of charge, any product it determines to be defective, and it shall ship the repaired or replacement product to Buyer F.O.B. point of shipment; provided, however, if circumstances are such as in the Company's judgment to prohibit repair or replacement to remedy the warranted defects, the Buyer's sole and exclusive remedy shall be a refund to the Buyer of any part of the invoice price, paid to the Company, for the defective product or part. The Company is not responsible for the cost of removal of the defective product or part, damages due to removal, or any expenses incurred in shipping the product or part to or from the Company's plant, or the installation of the repaired or replaced product or part. Implied warranties, when applicable, shall commence upon the same date as the express warranty provided above, and shall, except for warranties of title, extend only for the duration of the express warranty. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. The only remedy provided to you under an applicable implied warranty and the express warranty shall be the remedy provided under the express warranty, subject to the terms and conditions contained therein. The Company shall not be liable for incidental and consequential losses and damages under the express warranty, any applicable implied warranty, or claims for negligence, except to the extent that this limitation is found to be unenforceable under applicable state law. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. No employee, agent, dealer, or other person is authorized to give any warranties on behalf of the Company or to assume for the Company any other liability in connection with any of its products except in writing and signed by an officer of the Company.

REPLACEMENT PARTS If replacement parts are ordered, buyer warrants that the original components in which these replacement parts will be placed are in satisfactory working condition, and when said replacement parts are installed, the resultant installation will operate in a safe manner, at speeds and temperatures for which the original equipment was purchased.

TECHNICAL ADVICE AND RECOMMENDATIONS, DISCLAIMER: Notwithstanding any past practice or dealings or any custom of the trade, sales shall not include the furnishing of technical advice or assistance or system design. Any such assistance shall be at the Company's sole option and may be subject to additional charge. The Company assumes no obligation or liability on account of any recommendations, opinions or advice as to the choice, installation or use of products. Any such recommendations, opinions or advice are given and shall be accepted at your own risk and shall not constitute any warranty or guarantee of such products or their performance.

GENERAL In no event shall any claim for consequential damages be made by either party. The Company will comply with all applicable Federal, State, and local laws.

WARNING

U.S. Fan International products are designed and manufactured to provide reliable performance but they are not guaranteed to be 100% free of defects. Even reliable products will experience occasional failures and this possibility should be recognized by the User. If these products are used in a life support ventilation system where failure could result in loss or injury, the User should provide adequate back-up ventilation, supplementary natural ventilation or failure alarm system, or acknowledge willingness to accept the risk of such loss or injury. **WARNING** DO NOT use in HAZARDOUS ENVIRONMENTS where fan's electrical system could provide ignition to combustible or flammable materials unless unit is specifically built for hazardous environments. **CAUTION** Guards must be installed when fan is within reach of personnel or within seven (7) feet (2.134 m) of working level or when deemed advisable for safety. **DISCLAIMER** The Company has made a diligent effort to illustrate and describe the products in this literature accurately; however, such illustrations and descriptions are for the sole purpose of identification, and do not express or imply a warranty that the products are merchantable, or fit for a particular purpose, or that the products will necessarily conform to the illustrations or descriptions or dimension.