**INSTALLATION MANUAL** 

# **SAFETY INSTRUCTIONS**

::rangehoods.com

Before installation and operation, read these instructions carefully and use this product only in the manner described by the manufacturer in the operation nanual.

The instruction shown below are used to alert you to potential personal rijury and property damage hazards.

There are three hazard classifications based on potentially

WARNING: WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION: CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

CAUTION: CAUTION used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.

NOTE: The safety instructions are explained with the following pictographic symbols.



means prohibition. It indicates actions, if any, that mustn't be done.



means forcible execution. It indicates actions, if any, that must be done.

## **⚠** WARNING

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

  a) Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer of the service panel and lock the service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means to prevent power from the disconnecting means to prevent power from the disconnecting means cannot be locked, severely fasten a prominent warning device, such as a tag, to the service panel.



To reduce the risk of fire or electric shock, do not use this product with any solid-state speed control device.

to the service panel.





device.

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

a) Installation work and electrical wiring must be done by a qualified person(s) in accordance with all applicable codes and standards, including fire-table construction.

unausang or gases through the flue (chimney) of fuel burning equipment to prevent back drafting. Follow the heating equipment manufacturer's guidelines 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.

authorities.
When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities. Ducted fan must always be vented to outdoors.



TO REDUCE THE RISK OF FIRE, USE ONLY METAL DUCTWORK.

5. This unit must be grounded.



Install this range hood to a liner. Check that the hood is correctly installed, since incorrect installation could result in the range hood becoming detached and falling off.

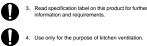


Connect only to an AC120 Volt power source or the range hood could result in fire, electric shock, and damage.

## **⚠** CAUTION



- For general ventilating use only. Do not use to exhaust hazardous or explosive material and
- To reduce the risk of fire and to properly exhaust air, be sure to duct air outside. Do not vent exhaust air into spaces within walls, ceilings or into attics, crawl spaces or garages.





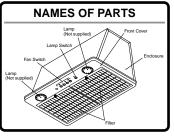


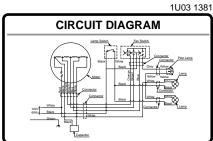
Do not install this range hood in the bathroom or in other wet rooms since electrical shock and damage may result.

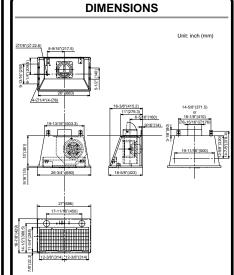
4. Use only for the purpose of kitchen ventilation.

Fasten the filter and other parts securely. Incorrect attachment may result in personal injury or property damage.

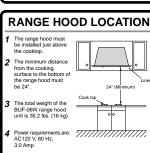
## **MODEL: BUF-06W**











## ⚠ CAUTION:

- Check that the hood is correctly installed, since incorrect installation could result in the detachment of the range
- installation could result in the detachment of the range hood and the unit could fall. To protect hands from injury, wear working gloves when installing the range hood.

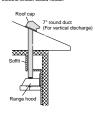
# INSTALLATION 1. Preparation

## MARNING:

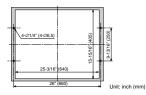
Ensure that the metal duct does not touch other metal housing materials, otherwise fire or electric shock could result.

This range hood is This range hood is designed to discharge upward. For vertical discharge, run duct work between the hood location and roof cap location.

To get the best result, use a minimum number of transitions and elbows. Be sure to attach a roof cap to avoid rain from entering the exhaust du



2 The range hood unit must be mounted to a liner which has the following dimensions. Install the liner securely after checking that the opening size of the liner is the same as the figure below.



### ⚠ CAUTION:

The liner should be installed tightly. If the liner installation is correct, the range hood unit may become detached and fall

3 Make sure that a wood panel for mounting the range hood is fixed on the wall where the range hood is installed. Note: If no wood panel is found on the wall, be sure to prepare one referring to the Fan unit

Referring to "DIMENSIONS" above insert 2 supplied wood screws into the mounting wall for the left and right hangers. Allow about 5mm space between the wall and screwheads for hanging.

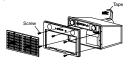


# 2. Range Hood Mounting

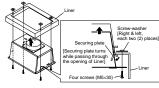
CAUTION: · Wear working gloves to avoid injury

1 Detach the tape on the exhaust port.

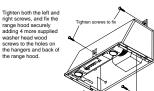
2 Detach the filters by loosening 2 screws. Remove 5 screws fixing the front cover and detach the front cover.



3 Hold up the range hood and align the 4 screw holes of the liner and range hood, then fix securely using the supplied screws (M5x30) and nuts.



4 port into the duct, hook both the left and right hangers on the screws provided in "Preparation



flammable tape such as duct tape, etc. (Not supplied)



### 3. Connecting Power Supply Wires

#### ⚠ WARNING:

Electrical wiring should be done by a qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction. An unqualified person doing the work could result in fire, electric shock or injury.

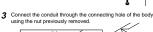
This range hood uses 120 VAC. Do not connect to other voltage since fire, electric shock or damage could result.

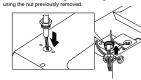
Nut (Not

Remove the nut from the conduit connector at the end of power wiring.

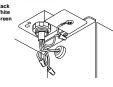




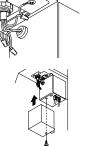




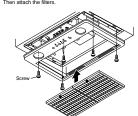
4 Connect wires tightly and securely using wire connectors (not supplied). Connect the electrical wires as follows:

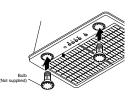


5 Replace the wire cover with Make sure that all wires are connected properly and enclosed inside of the wiring compartment.



# 1 Assembly Attach the front cover, and secure it with 5 screws.



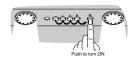


#### 2 Check

(1) Turn on the electrical circuit to the range hood.

(2) Make sure that the switchs and light operate correctly. Refer to page 4 of the Operation Manual.

(3) Make sure that the range hood functions properly and it has no abnormal proses and/for vibration.



#### Explanation to the End User

(1) Referring to the Operation Manual, explain the operation of this range hood to end users.

(2) The Installation Manual and Operation Manual should be given to the end user.