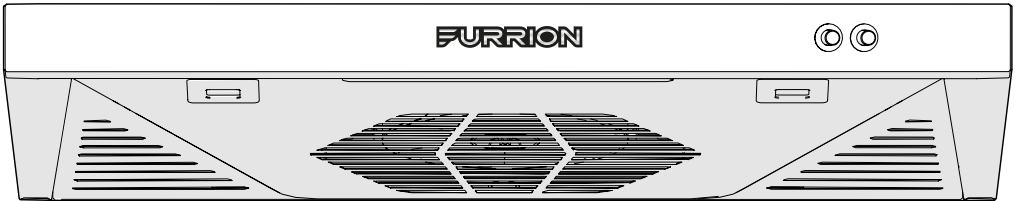


# FURRION

## 12V Horizontal RV Range Hood

### Instruction Manual



\*Product picture is for reference only.

Model: FH023SACRV-BL  
FH023SACRV-SS  
FH023SACRV-BP

# Welcome

Thank you for purchasing the Furrion® 12V Horizontal RV Range Hood. Before operating your new appliance, please read these instructions carefully. This instruction manual contains information for safe use, installation and maintenance of the appliance.

Please keep this instruction manual in a safe place for future reference. This will ensure safe use and reduce the risk of injury. Be sure to pass on this manual to new owners of this appliance.

The manufacturer does not accept responsibility for any damages due to not observing these instructions.

If you have any further questions regarding our products, please contact us at **[support@furrion.com](mailto:support@furrion.com)**

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# Important Safety Instructions

Warning and important safety instructions appearing in this guide are not meant to cover all possible conditions and situations that may occur. Common sense, caution, and care must be exercised when installing, maintaining, or operating the appliance. Always contact the manufacturer about problems or conditions you do not understand.

## Save these instructions for future reference

### CAUTION

**Safety instruction:** Failure to observe this instruction can cause fatal or serious injury.

- For general ventilating use only. Do not use to exhaust hazardous or explosive materials or vapors.
- Do not allow insulation, ceiling finishing materials, roofing materials, or other debris to enter the fan housing or ductwork. Motor failures due to debris are not subject to warranty coverage.

### RANGE HOOD SAFETY

**Your safety and the safety of others are very important.**

We have provided many important safety messages in this manual and your appliance. Always read and obey all safety messages.

This is the safety alert symbol.

This symbol alerts you to potential hazards that can kill or hurt you and others. All safety messages will follow the safety alert symbol and either word "DANGER" or "WARNING." These words mean:



### DANGER

**You can be killed or seriously injured if you don't immediately follow instructions.**

### WARNING

**You can be killed or seriously injured if you don't follow instructions.**

### WARNING

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

- Do not use this fan with any solid state speed control device.
- Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire related construction.
- Sufficient air is needed for proper combustion and exhausting of 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), The American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), and local code authorities.
- When cutting into walls or ceilings, do not damage electrical wiring and other hidden utilities.
- Use only metal ductwork. Exhaust air must be ducted to the outside. Do not vent exhaust air into spaces within walls, ceilings, attics, crawl spaces or garages.
- Inadequate repairs may cause serious hazards. For repair service, please contact the service centre in your country.

# Important Safety Instructions

## WARNING

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

- Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer.
- Before servicing or cleaning unit, switch power off at the service panel and lock 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.
- People (including children) whose physical, sensory or mental capacities or whose lack of experience or knowledge prevent them from using this product safely should not use it without the supervision or instruction of a responsible person.

## WARNING

**TO REDUCE THE RISK OF INJURY TO PERSONS IN THE EVENT OF A RANGE TOP GREASE FIRE, OBSERVE THE FOLLOWING:**

- **SMOTHER FLAMES** with a close-fitting lid, cookie sheet or metal tray, then turn off the burner. **BE CAREFUL TO PREVENT BURNS. If the flames do not go out immediately, EVACUATE AND CALL THE FIRE DEPARTMENT.**
- **NEVER PICK UP A FLAMING PAN!** You may be burned.
- **DO NOT USE WATER**, including wet dishcloths or towels - a violent steam explosion will result.
- Use an extinguisher only if:
  1. You know you have a class ABC extinguisher, and you already know how to operate it.
  2. The fire is small and contained in the area where it started.
  3. The fire department is being called.
  4. You can fight the fire with your back to an exit.

Based on 'Kitchen Fire Safety Tips' published by the NFPA.

## WARNING

**TO REDUCE THE RISK OF INJURY OF A RANGE HOOD GREASE FIRE:**

- Never leave surface units unattended at high settings. Boilovers cause smoking and greasy spillovers that may ignite.
- Heat oils slowly on low or medium settings.
- Always turn hood on when cooking at high heat or when cooking or flambeing food.
- Clean ventilating fans frequently. Grease should not be allowed to accumulate on fan or filter.
- Use proper pan size. Always use cookware appropriate for the size of the surface element.

# Installation

## IMPORTANT

### Observe all governing codes and ordinances.

It is the installer's responsibility to comply with installation clearances specified on the model/serial/rating plate. The model/serial/rating plate is located inside the range hood; Range hood location should be away from strong draft areas, such as windows, doors, and strong heating vents. Models that are capable of being installed as non-vented (recirculating) require charcoal filters.

## What's in the Box

Make sure all the following items are included in the packaging. If any items are damaged or missing, contact your dealer.

- 12V RV Range Hood
- Mounting Screws (4 pieces)
- Instruction Manual
- Warranty Card

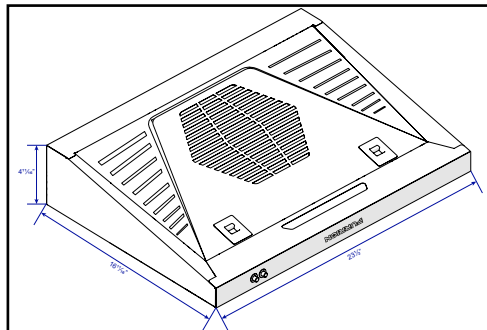
## Range Hood Installation

1. Disconnect power.

### WARNING



**Electrical Shock Hazard.**  
**Disconnect power before servicing.**  
**Replace all parts and panels before operating.**  
**Failure to do so can result in death or electrical shock.**



Product Dimension: 23 $\frac{1}{2}$ " x 16 $\frac{1}{16}$ " x 4 $\frac{3}{4}$ "

Fig. 1 598 x 423.6 x 120.65 mm

2. Take out the range hood from box and put on a flat surface with the grill cover facing up.
3. Press the two release tabs on the grill cover to release it from range hood. (Fig. 2)

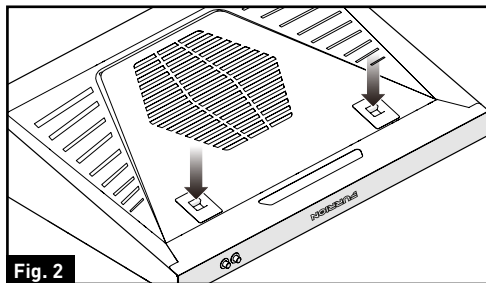
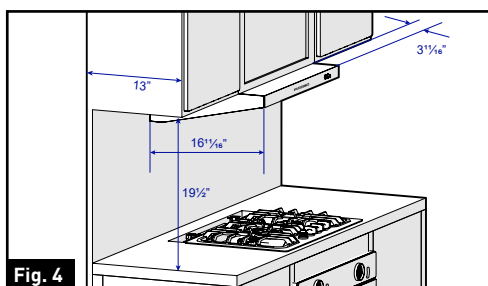
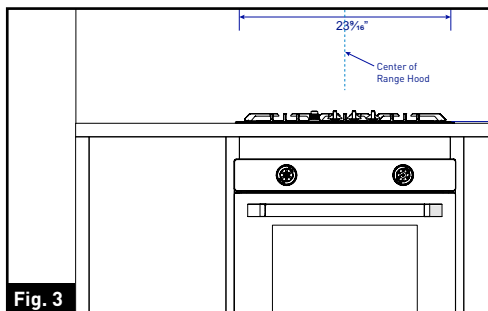


Fig. 2

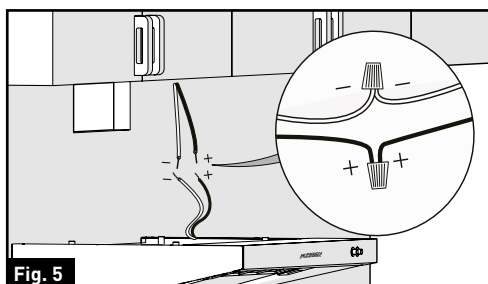
4. Mark centerline of range hood on the cooktop. (Fig. 3)  
**NOTE:** The minimum vertical distance to combustible material above the cooktop is 19 $\frac{1}{2}$  inches when installed with a range hood, provided the overhead construction does not extend 13 inches from the rear wall. (Fig. 4) This range hood will work with Furrion cooktops and ranges with up to 22,500 BTU.

# Installation



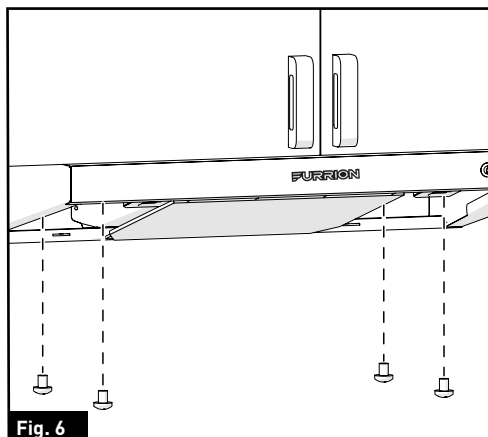
5. Connect the range hood wires to a 12V power source from the bottom of the cabinet. Connect white to white, black to black. (Fig. 5)

**NOTE:** Make all electrical supply connections in accordance with local and/or applicable codes. A window or air vent should be opened slightly while using any cooking appliance.

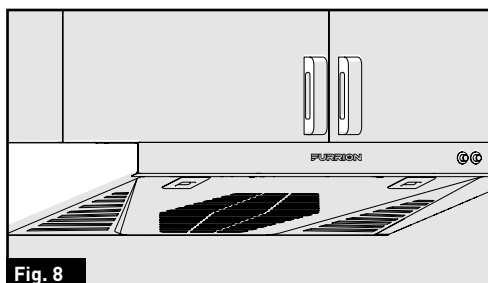
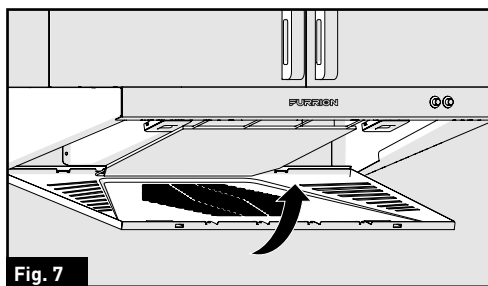


6. Fix the range hood onto the top cabinet with the four screws provided. (Fig. 6)

**NOTE:** DO NOT over tighten the screws.



7. Verify that the blower housing and ductwork are free of debris and fan blades spin freely.
8. Replace the grill cover to the range hood and press the release tabs until you hear a click. (Fig. 7) The grill cover is securely attached to the range hood. (Fig. 8)



# Operation

## Electrical Requirements

Observe all governing codes and ordinances.

Ensure that the electrical installation is adequate and in conformance with National Electrical Code, ANSI/NFPA 70 (latest edition), or CSA Standards C22.1-94, Canadian Electrical Code, Part 1 and C22.2 No. 0-M91 (latest edition) and local codes and ordinances.

If codes permit and a separate ground wire is used, it is recommended that a qualified electrician determine that the ground path is adequate.

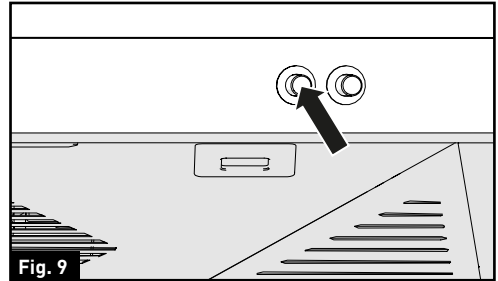
Wire sizes and connections must confirm with the rating of the appliance as specified on the model/serial/rating plate. The model/serial/rating plate is located inside the range hood. Wire sizes must confirm to the requirements of the National Electrical Code, ANSI/NFPA 70 (latest edition), or CSA Standards C22.1-94, Canadian Electrical Code, Part 1 and C22.2 No. 0-M91 (latest edition) and local codes and ordinances.

Recreational vehicle fan units.

Do not operate any fan with a damaged cord or plug. Discard fan or return to an authorized service facility for examination and/or repair.

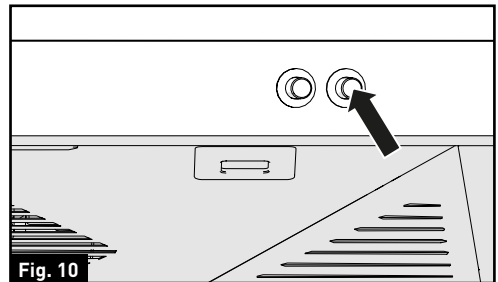
## Fan Control

Press the fan button once to turn on the fan, press twice to turn off. (Fig. 9)



## Light Control

Press the light button once to turn on the light, press twice to turn off. (Fig. 10)





# Care and Cleaning


**IMPORTANT:** Clean the hood frequently according to the following instructions.

After disconnecting power, wipe the fan blade with a moist cloth or sponge to remove any dirt buildup. Never attempt to clean lamp bulb while it is hot.

This product uses a charcoal filter that is not cleanable. To order a replacement charcoal filter, please see the "Warranty" section and back page for service contact information. The charcoal filter should be replaced every six months when subject to normal use.

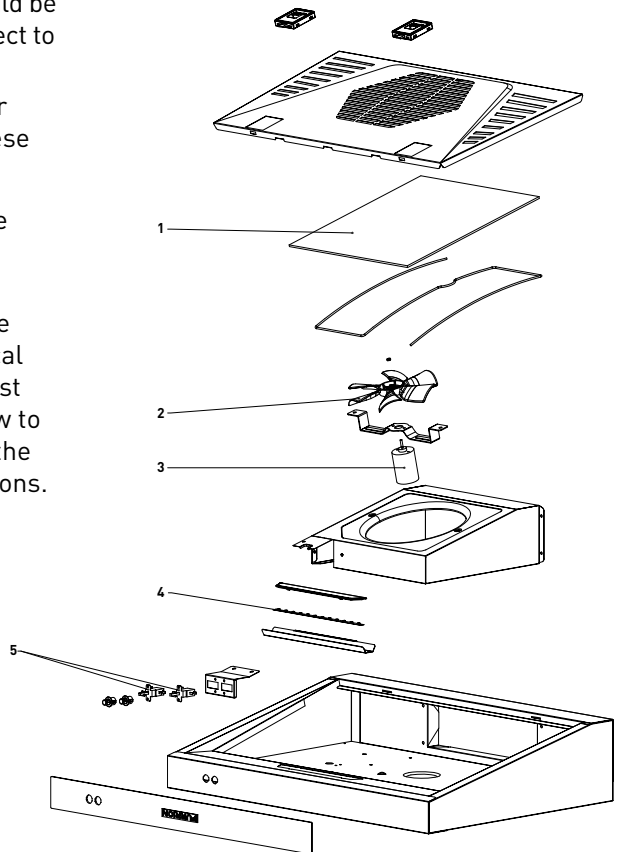
Do not use sharp or hard objects or cleaning agents for cleaning as these may damage the product.

Place the packaging material in the appropriate recycling waste bins wherever possible.

 If you wish to finally dispose of the product, ask your local recycling centre or specialist dealer for details about how to do this in accordance with the appliance disposal regulations.

## Replacement Parts List

| No. | Description:    |
|-----|-----------------|
| 1   | Charcoal filter |
| 2   | Fan blade       |
| 3   | Fan motor       |
| 4   | LED bar         |
| 5   | Switch          |



### Replacing an LED Lamp

The LED lights are replaceable by a service technician only. See the "Warranty" section and back page for service contact information.

# Warranty

FURRION WARRANTS FOR A PERIOD OF 1 YEAR FROM DATE OF RETAIL PURCHASE BY THE ORIGINAL END-USE PURCHASER, THAT THIS PRODUCT, WHEN DELIVERED TO YOU IN NEW CONDITION, IN ORIGINAL PACKAGING, FROM A FURRION AUTHORIZED RESELLER AND USED IN NORMAL CONDITIONS, IS FREE FROM ANY DEFECTS IN MANUFACTURING, MATERIALS, AND WORKMANSHIP. IN CASE OF SUCH DEFECT, FURRION SHALL REPLACE OR REPAIR THE PRODUCT AT NO CHARGE TO YOU. THIS WARRANTY DOES NOT COVER: PRODUCTS WHERE THE ORIGINAL SERIAL NUMBERS HAVE BEEN REMOVED, ALTERED OR CANNOT READILY BE DETERMINED; DAMAGE OR LOSS CAUSED BY ACCIDENT, MISUSE, ABUSE, NEGLIGENCE, PRODUCT MODIFICATION, FAILURE TO FOLLOW INSTRUCTIONS IN INSTRUCTION MANUAL, COMMERCIAL OR INDUSTRIAL USE; DAMAGE OR LOSS CAUSED TO THE DECORATIVE SURFACE OF PRODUCT; TO ANY DATA, SOFTWARE OR INFORMATION; AND NORMAL WEAR AND TEAR. THIS WARRANTY ONLY PROTECTS THE ORIGINAL END-USER ("YOU") AND IS NOT TRANSFERABLE; ANY ATTEMPT TO TRANSFER THIS WARRANTY SHALL MAKE IT IMMEDIATELY VOID. THIS WARRANTY IS ONLY VALID IN THE COUNTRY OF PURCHASE.

THIS WARRANTY AND REMEDIES SET FORTH ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, REMEDIES AND CONDITIONS, WHETHER ORAL OR WRITTEN, EXPRESS OR IMPLIED. FURRION SPECIFICALLY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IF FURRION CANNOT LAWFULLY DISCLAIM IMPLIED WARRANTIES UNDER THIS LIMITED WARRANTY, ALL SUCH WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.

No Furrion reseller, agent, or employee is authorized to make any modification, extension, or addition to this warranty.

# Warranty


FURRION IS NOT RESPONSIBLE FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY BREACH OF WARRANTY OR CONDITION, OR UNDER ANY OTHER LEGAL THEORY, INCLUDING BUT NOT LIMITED TO LOST PROFITS, DOWNTIME, GOODWILL, DAMAGE TO OR REPLACEMENT OF ANY EQUIPMENT OR PROPERTY, ANY COSTS OF RECOVERING, REPROGRAMMING, OR REPRODUCING ANY PROGRAM OR DATA STORED IN OR USED WITH FURRION PRODUCTS. FURRION'S TOTAL LIABILITY IS LIMITED TO THE REPAIR OR REPLACEMENT OF THIS PRODUCT PURSUANT TO THE TERMS OF THIS WARRANTY. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES OR EXCLUSIONS OR LIMITATIONS ON THE DURATION OF IMPLIED WARRANTIES OR CONDITIONS, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY BY STATE OR (WHERE APPLICABLE IN THE COUNTRIES WHERE FURRION HAS NON-US/CANADIAN AUTHORIZED DEALERS) COUNTRY. NO ACTION OR CLAIM TO ENFORCE THIS WARRANTY SHALL BE COMMENCED AFTER THE EXPIRATION OF THE WARRANTY PERIOD.

Keep your receipt, delivery slip, or other appropriate payment record to establish the warranty period. Service under this warranty must be obtained by contacting Furrion at [warranty@furrion.com](mailto:warranty@furrion.com)

Product features or specifications as described or illustrated are subject to change without notice.

# Specifications

## General Specification

|                                   |   |
|-----------------------------------|---|
| <b>Part No.</b>                   | FH023SACRV-BL/FH023SACRV-SS/FH023SACRV-BP   |
| <b>Connection Voltage</b>         | 12 VDC  |
| <b>Power Consumption</b>          | 12 W  |
| <b>Lighting Power Consumption</b> | 0.95 W  |
| <b>Dimension</b>                  | 23½" x 16 <sup>1</sup> / <sub>16</sub> " x 4¾" (598 x 423.6 x 120.65 mm)                    |
| <b>Test Mark</b>                  | <br>C US |

**FURRION**

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