



# INSTALLATION INSTRUCTIONS

## CARE AND USE MANUAL FOR: CEILING HOOD



**HOOD FLY 59" 2459 910**



**HOOD FLY 43" 2459 920**

Models covered by this instructions:

**2459 910 – 2459 920**

\*\*\* BEFORE INSTALLATION \*\*\*

ENSURE THERE IS NO VISIBLE OR HIDDEN DAMAGE SUSTAINED DURING SHIPPING

\*\*\* AVANT L'INSTALLATION \*\*\*

S'ASSURER QUE LES PRODUITS N'ONT SUBI AUCUN DOMMAGE PENDANT LE TRANSPORT

\*\*\* SHIPPING DAMAGE \*\*\*

MUST BE REPORTED WITHIN 5 DAYS OF RECEIPT

\*\*\* DOMMAGES DE TRANSPORT \*\*\*

DOIVENT ÊTRE NOTIFIÉS DANS LES 5 JOURS SUIVANT LA RÉCEPTION

# WARNING

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*Thank you for purchasing a Foster Range Hood.  
Please read all the instructions in this manual before  
installing the appliance.*

*Save these instructions for future reference.*

Only use this appliance as an exhaust ventilation system for the removal of cooking vapors. **DO NOT** use to expel flammable substances or any other materials or vapors.

The installation procedures in this manual are intended for qualified installers, service technicians or persons with similar qualified background. **DO NOT** attempt to install this appliance yourself.

Ensure that electrical power is turned off at source before commencing installation. All electrical wiring must be properly installed, insulated and grounded and conform to all applicable codes and standards.

Make sure all existing duct work is clean of grease build up, or duct work should be replaced, if necessary, to avoid the possibility of a grease fire. Check all joints on ductwork to ensure proper connection and all joints should be properly taped. Be careful when cutting through ceilings or walls not to damage any hidden pipes or electrical wiring. Ensure your kitchen has sufficient air return vents to replace the exhausted air.

Fan ducts should always be vented to the outside of your home and never into spaces within walls, ceilings, lofts or attics. Only use rigid, smooth steel for ducting. The exhaust point of the blower requires a 6" round connection.

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## BEFORE YOU BEGIN

The manufacturer declines all responsibility in the event of failure to observe the instructions given here for installation, maintenance and suitable operation of the product. The manufacturer further declines all responsibility for injury due to negligence and the warranty of the unit automatically expires due to improper maintenance and/or installation.

**BEFORE YOU BEGIN: It is advisable to test run the range hood before installation.**

**BEFORE STARTING** – please read this entire document and ensure you are fully conversant with the requirements and limitations. These units weigh approximately 125lbs and therefore require a minimum of two people to install.

Recommended height from cook top to underside of hood = 30" for gas, 25" for electric.

## DUCTING

If vented externally, 6" / 150mm round ducting must be available for the hood through the ceiling, in line with the central vertical axis of the range hood.

This unit must have its own ductwork. Do not under any circumstances vent this unit into any other ductwork or exhaust ducting in the building.

Furthermore, please read carefully all of the following installation instructions.

- Use an exhausting pipe whose maximum length does not exceed 5 meters.
- Limit the no. of elbows in the piping, since each elbow reduces the air capacity of 1 linear meter. (Ex.: if you use no. 2 x 90 ° elbows, the length of piping must not exceed 3 meters).
- Avoid abrupt direction changes.
- Use a 150/200 mm constant diameter pipe for the whole length.
- Use piping approved by standards in force.

Use the shortest most direct ductwork route possible. Only use metal ducting – plastic ducting is generally not permitted by code. Do not use flexible metal ducting as the ridges of the ducting cause severe air turbulence and will significantly reduce the efficiency of any hood –THIS TYPE OF DUCTING WILL REDUCE EFFICIENCY BY 50%.

Vent hoods may interrupt the proper flow of exhaust gases from fire-places, gas furnaces and gas water heaters. To minimize the risk of drawing these lethal gases back into the home please follow the heating equipment manufacturers safety standards and guidelines. Refer to NFPA and ASHRAE for additional information.

# ELECTRICAL

**WARNING: All electrical work must be performed by a qualified electrician.**

Please ensure that the appropriate electrical codes or prevailing local building codes and ordinances are adhered to.

Ensure that the electricity supply is disconnected at source. Do not use an extension cord or adapter plug with this appliance.

This appliance must be grounded. Connect to a properly grounded branch circuit, protected by a 15 amp circuit breaker.

## **Electrical Supply.**

This appliance requires 120V/60Hz, 3amp electrical supply – ensure an appropriately qualified person completes the electrical hook-up. The connection point for the electrical supply is at the top of the unit, therefore the electrical supply must be run down from the ceiling alongside the ductwork.

All electrical and venting hook-ups must be in place before commencing installation of the hood-fan.

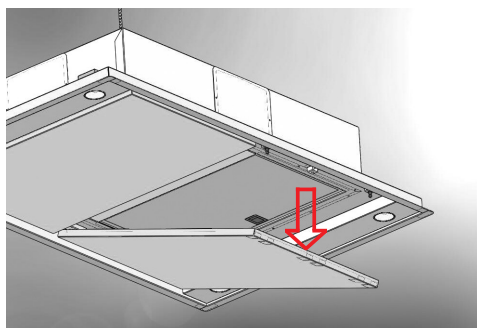
# INSTALLATION

## BEFORE THE INSTALLATION

This models can be used only if connected with external motors produced by the same manufacturer.

## PANELS OPENING

It is possible to open the steel panels, which cover the grease filters, by slightly pulling on a side of the panel itself, as shown.



To achieve the complete opening of panels, you need to release the safety chains, by using the appropriate spring catches.

For proper working, it is recommended to install the appliance at a distance of 2000

– 2100 mm from the floor.

Before starting the appliance installation, please check that all components are not damaged, in such a case contact your retailer and do not carry out installation.

## INSTALLATION

Fit a false ceiling with an opening that has the following dimensions:

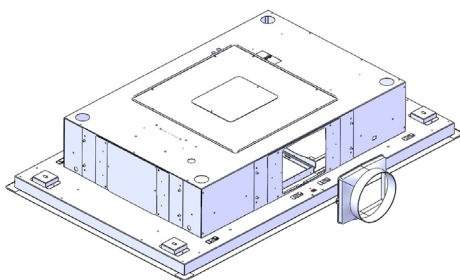
SUT950: 1465x965 mm with a minimum distance of 330 mm between the ceiling and the false ceiling;

SUT951: 1065x665 mm with a minimum

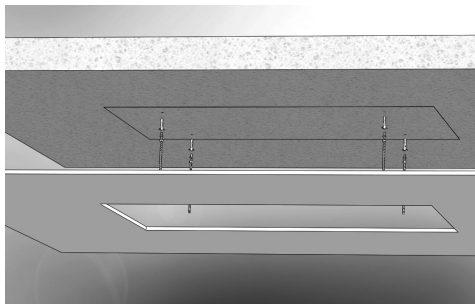
distance of 330 mm between the ceiling and the false ceiling.

After having chosen the most suitable position, prepare the ducting: an air outlet connection piece, with a diameter of 150 mm to be installed in the side selected, is provided with the appliance.

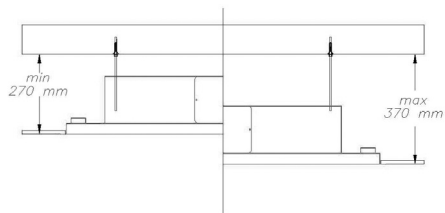
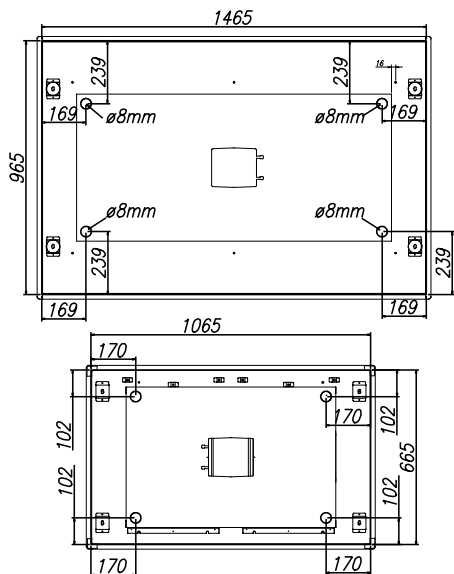
Leave any unused exhaust outlets closed.



Draw the outline of the hole to house the ceiling-mounted hood on the solid ceiling as shown according to the model chosen.



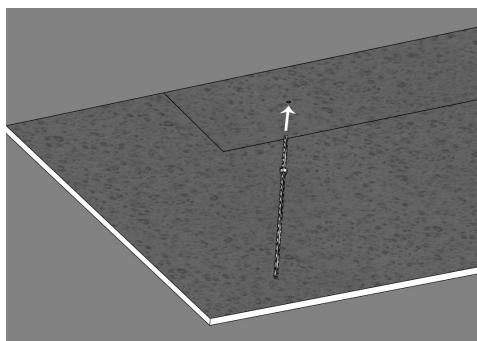
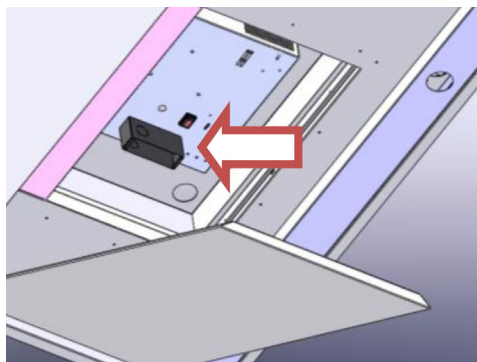
Make 4 holes in the ceiling according to the dimensions as shown in Fig. 4, place the metric plugs provided in the holes.



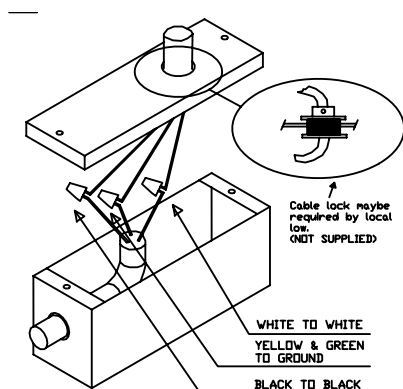
in case of a larger gap between the hood and the ceiling, you need to use longer threaded bars.

Connect the power supply into the metal box placed inside the hood as shown.

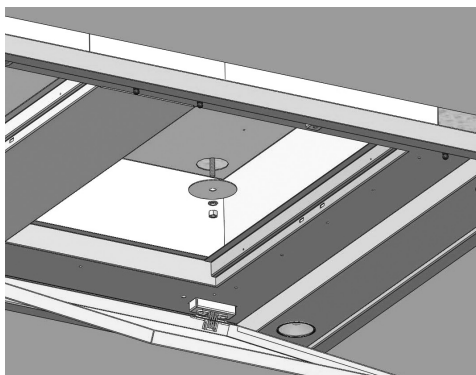
Open the stainless steel panels and remove the grease filters in order to avoid damaging them in any way and too allow installation; screw the threaded bars provided into the plugs as shown.



The threaded bars are 250 mm long and serve to install the ceiling-mounted hood at a distance from the solid ceiling of between 270 mm and 370 mm as shown.



and connect the air outlet pipe. Do not fix the ducting to the outlet with screws – use DUCT TAPE; place the ceiling-mounted hood into the niche, the outer edge of the hood needs to be perfectly flush with the false ceiling. Insert the plates and nuts provided on the threaded bars, making sure to tighten them securely, as shown refit the grease filters and filter cover panels.



## OPERATING PROCEDURES

Read all the instructions before operating the appliance. Save these instructions for future reference.

### **General Advice.**

Ensure that the grease filters are in place. Without these components, operating blowers could catch on to hair, fingers and loose clothing. Keep fan, filters and surfaces clean of grease and fat. Always turn hood fan ON when cooking. NEVER leave cooking unattended.

NEVER dispose cigarette ashes, ignitable substances or any foreign objects into blowers.

Cooking that generates flame is not recommended as this hood is equipped with a thermal overload that will shut down the motor if it senses excessive heat.

When frying, oil in the pan can easily overheat and ignite. Heat oil slowly in an appropriately sized pot (covering the entire burner) to reduce the risk of boiling over and burning.

In the event of a range top grease fire, observe the following:

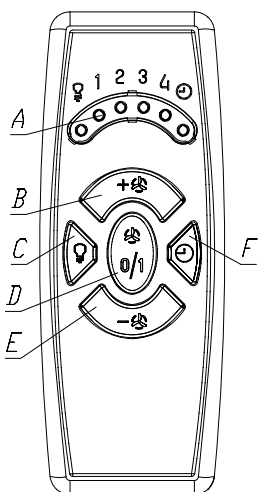
Switch OFF the range hood. Turn off the cook top then smother flames with a close fitting lid, cookie sheet or other metal tray. If the flames do not go out immediately.

**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, as a violent steam explosion may occur.

## Remote control

- A: At every selected function, the led lights on accordingly.
- B: To increase the speed.
- C: To switch on the lights or to switch them off.
- D: ON/OFF To go from a higher speed back to first one press twice the button: To switch the hood on or off press once this button.
- E: To reduce the speed.
- F: To set the timer.



*The led on the right side will start (every 5 seconds), the hood will work for 10 minutes at the selected speed and then it lights automatically off. If the client increases or reduced the speed while the timer is on, this is automatically stopped.*

## TECHNICAL DATA:

Alkaline battery powered:	12v mod. 23A
Operating frequency:	433.92 Mhz
Combinations:	4096
Max. consumption:	25Ma
Operating temperature:	-20° : +55°C

## Standard configuration.

If two cooker hoods–radio control system are installed in the same room or in the immediate vicinity, each system may affect the operation of the other, due to the fact that they have the same code. Therefore it will be necessary to change the code of one of the radio controls.

## Generating a new transmission code.

The radio control is supplied by the manufacturer with default codes stored. If you want to create a new set of codes, proceed as follows: press and hold the UP, STOP and DOWN buttons simultaneously for 2 seconds. After the LEDS light up, press the UP and DOWN buttons within 5 seconds. The LEDS will flash 3 times to indicate that the process is completed. **WARNING:** This procedure deletes all previously-stored codes.

## Learning the new transmission code.

After changing the transmission code on the radio control, the cooker hood electronic control unit must be made to set the new code as follows: press the main Power Off button on the cooker hood and then restore power to the electronic control unit. Within the next 15 seconds, press the Light button. This will ensure the control unit is synchronized with the new code.

**Warning** The battery should be replaced every year to guarantee the optimal range of the transmitter. To replace the exhausted battery, take the plastic lid off, remove the battery and replace it with a new one, observing the correct battery polarities. Used batteries should be discarded in special collection bins.

Filter requires washing indicator: after 30 hours of use, all the buttons will light up to remind you that the grease filter should be cleaned. Follow the instructions for cleaning filters in this booklet. Once the grease filters have been cleaned and replaced, reset by pressing the timer button (F). Do not rely solely on this indicator. Generally, the grease filter should be washed on a regular basis to avoid grease filter fires.

The blower should be turned on for approximately 5 minutes before cooking in order to establish air currents upward through the hood. Use the low speeds for normal use and the higher speeds for strong odors and fumes.

## MAINTENANCE

The hood-fan should provide many years of trouble free service provided it is maintained properly.

### **Cleaning the Filter.**

Clean the grease filter either by carefully hand washing, (so as not to damage the filter design) or, preferably in a dishwasher. Depending on use, the filters should be cleaned at least every two weeks in a dishwasher.

If a carbon filter has been fitted this must be replaced at least every 6 months as a minimum. Depending on cooking style and nature of cooking (greasy foods, fry's, curries etc) would probably require more frequent replacement – if odors start to manifest themselves when cooking it is time to replace the carbon filter. We suggest you retain a spare set. These can be ordered from the supplier of your range hood.

### **Cleaning the Hood.**

Cleaning of the internal parts should be done with a clean damp (not excessively wet) cloth together with regular household detergent. The external stainless steel elements should be cleaned with a good quality foaming stainless steel cleaner. Read the manufacturers directions. Generally they recommend that the foam be sprayed onto a clean dry cloth and then applied to the stainless steel. Allow the foam to react on the surface for a few minutes and then wipe with a clean dry cloth.

On the surfaces that are exposed directly to heat from the cook-top, it is advisable to clean these on a regular basis to avoid the marks from becoming baked on.

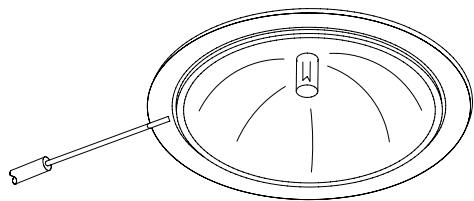
Do not under any circumstances use an abrasive type cleaner as this will scratch and damage the stainless steel finish. Glass components should be cleaned with a product such as Windex.

Turn blower and lights off. Make sure the lights are cool.

If new lights do not operate, check fuses and be sure globes and breakers are inserted correctly.

Do not remove the entire fixture (socket) as this is very difficult to reinstall. Gently pry the bulb from the fixture using a soft instrument such as a toothpick. Steel instruments will scratch the surface.

Replace the appropriate bulb. Check parts brochure or specification sheets on our website. Wipe both sides of the glass whilst it is out. Re-insert the glass-blocking ring and fasten it.









## GENERAL CONDITIONS OF GUARANTEE

### *WHAT IS COVERED:*

FOSTER guarantees its products for a period of 24 months from the date of original purchase by final customer, in both EU countries and countries outside the EU where recognized. The purchase must be verified with a valid receipt issued by the dealer (receipt, invoice or delivery note) that identifies the purchased product, date of purchase and / or delivery of the same. The buyer must report any esthetical defect within the first month of purchase of the product. The warranty covers manufacturing defects to all components except for the external piping and / or any accessories.

### *WHAT IS NOT COVERED:*

- Damage caused during installation of the product (reversing doors, removing screws or brackets, adjusting feet, burners, etc.)
- Damage derived from the connection of the power, gas, water and/or electricity supply.
- Damage to knobs, handles, plastic parts, removable panels, lamps, glass parts and external rubber tubes.
- Damaged caused from accident, alteration, misuse, abuse, fire, flood, acts of God, improper installation or use of products not approved by Foster.
- Damage to external components on which the consumer may intervene directly during use and / or maintenance, and which may be subject to wear.
- The formation of rust and stains on the steel due to the use of unsuitable cleaning agents.
- Any functional defect indicated by the user and not confirmed during the process of verification by the technician. In this case the intervention fee will be charged in full to the consumer.
- Any parts that are Damaged from transportation not carried out by a Foster approved carrier.
- Incorrect installation or maintenance, insufficient or excessive electrical flow, plumbing or gas abnormalities, insufficiency of the chimneys, and poor fuel quality.
- Failure to follow the Foster instruction manual.
- Repair by unauthorized personnel.
- This warranty applies to appliances used in residential application; it does not cover their use in commercial situations, which are not allowed for this product.
- Travel fees and associated charges incurred when the product is installed in a location with limited or restricted access (i.e., isolated geographic regions located beyond 50 miles from the nearest Foster dealer).
- Also not included are service visits to:
  - a) Educate the customer in the proper use and care of the product.
  - b) Correct the installation. The customer is responsible for providing electrical wiring and/or gas installation and other connecting facilities.
  - c) Reset circuit breakers or replace home fuses.

Should the appliance be sold by the original purchaser during the warranty period, the new owner continues to be protected until the expiration date of the original purchaser's warranty period.

During the warranty period, FOSTER will replace, or repair free of charge, all components that are defective in origin, leaving unchanged the deadline and the warranty acquired at the time of purchase. The repair is free of charge provided it is carried out by an authorized FOSTER Technical Assistance Centre.

If the equipment is repaired at one of the Authorised Service Centres indicated by the manufacturer and in the case of replacement of the product, shipping will be free of charge. In cases where repair at home is declined, transport to and from the assistance centre will not be paid for or provided by FOSTER.

Once the warrantee time has elapsed, the warranty becomes void and assistance will be made by debiting the cost of the replaced parts, and the costs of labour and transportation, according to the rates in force.

Authorized technicians will be sent in due time by FOSTER, with the desire of offering the best service available.

FOSTER is not liable for any damages, direct or indirect, caused to people, objects and pets for failure to follow all the instructions given in the instruction booklet and from damages resulting from the forced suspension of the use thereof.

FOSTER will not be liable for damages arising from any repairs made by unqualified staff untrained by the manufacturer.

This warranty applies to appliances used in residential application; it does not cover their use in commercial situations.

This warranty is for products purchased and retained in the 50 states of the U.S.A., the District of Columbia and the following provinces of Canada: Quebec, Ontario, Alberta, and British Columbia.

**FOSTER DOES NOT ASSUME ANY RESPONSIBILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.**

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 may vary from state to state or province to province.

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