

Classical Wall Range Hood Installation Instructions

BEFORE STARTING - READ ELECTRICAL SUPPLY AND DUCTWORK PLANNING

Electrical and Ducting

1. This appliance requires an electrical hook-up – ensure an appropriately qualified person completes the hook-up – 120V, 60Hz and maximum 3A. The range hood accepts a direct connection to an electrical supply 3” to the right of the vertical center line (as you face the wall) and at least 15” up from the underside of the range hood. Please ensure the appropriate local building codes are adhered to.
2. Please ensure all electrical and venting services are ready before commencing installation of the range hood. The electrical supply to the range hood should be at least 17” from the planned underside of the range hood installation. For a typical installation, where the underside of the range hood will be 30” above the counter top and the counter top is 36” above the floor level, the electrical supply should be 83” above floor level and no further than 3” to the right, as you face the wall, of the central axis of the range hood.

Ductwork Planning (Please reference and use the Ductwork Planning Guide - refer www.siriushoods.com)

1. If vented externally, 6 inches/ 150mm round ducting must be available for the range hood, in line with the central vertical axis of the range hood, 1" away from the back wall on which the hood is fitted. The 1” is important to enable the ceiling fixing bracket, as per Fig 10 below, to pass behind the duct work servicing the range hood. This unit must have it's own ductwork **leaving** the building. Do not under any circumstances vent this unit into **any** other ductwork or exhaust ducting into the building or ceiling cavities.
2. Use the shortest and most direct 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 the hood - THIS TYPE OF DUCTING WILL REDUCE EFFICIENCY BY 50%.
3. Range hoods may interrupt the proper flow of combustion exhaust gases by fireplaces, 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 carefully. Refer to NFPA and ASHRAE for additional information.

READ these instructions through carefully and ensure you fully understand the complete installation process before starting the installation. This is important.

Positioning the new range hood:

1. Determine the center position of the range hood, this is generally the center of the range – make a mark on the wall at least 25.5 inches above the top of the range at this center position – this range hood must not be positioned closer than 25.5 inches from the top of the range. For gas cook tops the ideal is a minimum of 30”.
2. Using a spirit level, draw a perfectly vertical line starting at the center mark and extending up to the ceiling or the highest point of where the chimney will extend to, this is the center axis for the range hood.
3. Draw a horizontal line fractionally above where the bottom of the range hood will be positioned. This is the underside of the range hood.

Marking the fixing holes for the range hood:

1. Find the marking template provided – a large sheet of paper called **Assembly Scheme** – refer Fig 5 below for Traditional style wall range hoods. Together with these instructions please find a full size template to be used for marking the position of the holes for the wall brackets.
2. Place the template against the wall with the horizontal line (previously made) lined up with the solid black line near the bottom edge of the template. There are two large arrows pointing down that indicate this line on the template.
3. Ensure the vertical axis on the wall matches the “CENTRAL AXIS” line on the template – adjust the template until vertical and horizontal axis line up perfectly.
4. Temporarily tape the template into place using a suitable tape that will not damage the wall finishing. Ensure there are no creases, wrinkles or folds in the template.

5. At the top of the template find item “S”(refer Fig 5 below with three holes indicated on it – this is the main support bracket for the range hood. Use a sharp pencil/pen/instrument and mark the wall through the template at the center point of each of the three holes.
6. The template indicates an additional pair of holes lower down – these are to secure the range hood horizontally from inside the hood once it has been hung from the main bracket. Remove the template.

Fixing the main support bracket (Caution - do not drill through any utilities inside the wall)

1. If the range hood will be fixed to drywall we strongly recommend that you discard the wall plugs and screws supplied. These anchors are only suitable for brick/masonry applications. We suggest the use of a more appropriate anchor system specifically designed for drywall applications. **This is most important.**
2. Drill the appropriate size holes at the marks made earlier.
3. Fix the Main Support Bracket – “S”- securely to the wall – refer diagram 6 below.
4. Ensure any wall anchors have been fitted into the lower holes in preparation for items “C” as the range hood will cover these holes once hung on bracket “S”.

Hanging the range hood

1. Prepare the range hood for installation. Remove all filters to ensure they do not get damaged during the installation process.
2. Hang the range hood on the bracket “S” – refer to Fig 7. The bracket fixed onto the back of the range hood will, with a little assistance, drop into the bracket on the wall. Ensure the hood is locked into the support bracket - the range hood must clip in behind the extended lip on the Main Support Bracket – “S”.
3. “Lock” the range hood onto the “S” bracket using the four machine screws supplied – refer Fig 9. These screws are also used to make minor adjustments to the leveling of the range hood.
4. Locate the two holes inside the housing of the range hood and secure the range hood to the wall once the range hood is perfectly level and vertical.

Preparing for the chimney installation

1. Locate the bracket (item Y) indicated on Fig 10 and position it with the vertical axis (marked on the wall earlier) running through the midpoint of bracket “Y”. This bracket fits onto the ceiling and onto the wall to secure the upper half of the decorative chimney in place.
2. Mark the wall for the two anchors and mark the ceiling for the two anchors as indicated in Fig 10.
3. Fix bracket “Y” to the wall and ceiling.

Hooking up the electrical supply and ducting

1. The range hood accepts a direct connection to an electrical supply 3” to the right of the vertical center line (as you face the wall) and at least 15” up from the underside of the range hood. We cannot over emphasize caution here - electricity is dangerous. Connect the electrical supply to the unit.
2. **PLEASE** ensure that the plastic flaps at the exhaust outlet for the fan move freely and have not become jammed or are stuck in place. Connect the appropriate length of ducting to the fan exhaust point and join up with the ducting to the exterior (Refer Fig 2 – this shows venting directly through the wall – venting up and through the ceiling to the exterior is also possible). Do not fix the ducting to the range hood exhaust outlet with screws - use duct tape. Use duct tape on all joints.
3. If the unit will be used in re-circulating mode (refer Fig 1) fit the deflector as per Fig 12 with the screws supplied to the upper telescopic chimney. There are holes on the back upper edge of the decorative chimney for this purpose. A short length of ducting between the exhaust outlet on the fan body and the deviator should be prepared and should be attached to the deviator **now** in preparation for installation of the decorative chimney – allow sufficient space to connect the ductwork to the top of the exhaust outlet on the fan housing. Do not fix the ducting to the range hood exhaust outlet with screws - use duct tape. Use duct tape on all joints.
4. Remove the protective covering from the decorative chimney and carefully slide the sections back together again. Extreme care must be exercised to ensure the sections do not get scratched. Holding the two chimney sections together carefully position them over the ductwork/wiring with the upper chimney in position so that it can be fixed via the holes on the side to the “Y” bracket on the ceiling – refer Fig 11. Ensure the upper section is well attached to the “Y” bracket before sliding the lower section down. An extra pair of hands may be useful here. Slide the lower half of the decorative chimney carefully down to the hood body.
5. Remove the tape holding the halogen bulbs in place
6. Fit the carbon filter (after removing the protective plastic covering) if the range hood will be used in re-circulating mode – refer Fig 1 and Fig 16. The carbon filter fits in directly behind the aluminum fat filter

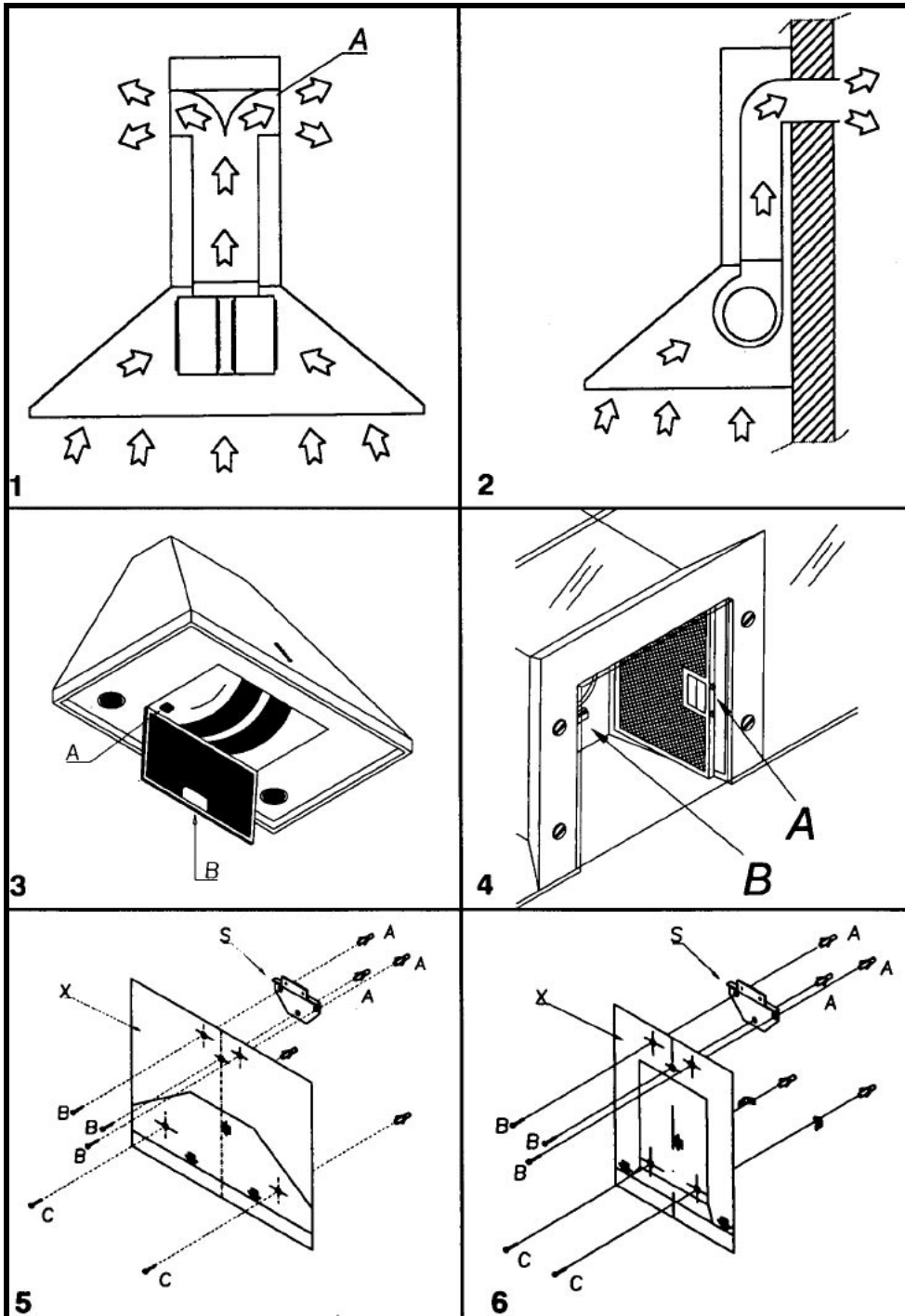
(refer Fig 3 and 16) that was removed before installation. Ensure that the plastic tabs on the carbon filter are facing outwards – otherwise it will be difficult to remove it later for replacement. Fit the aluminum filter – after removing the protective plastic around the edges. Test the range hood.

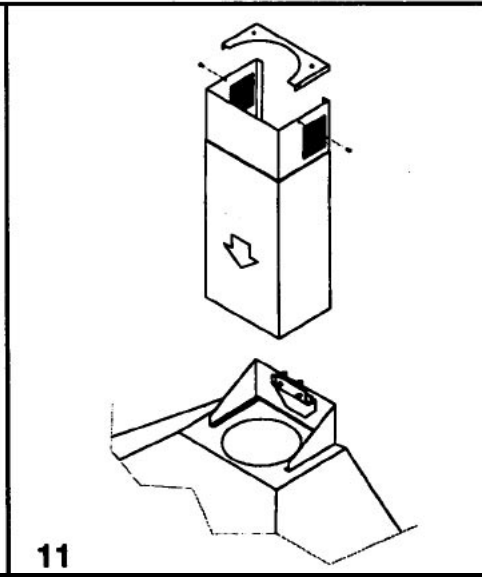
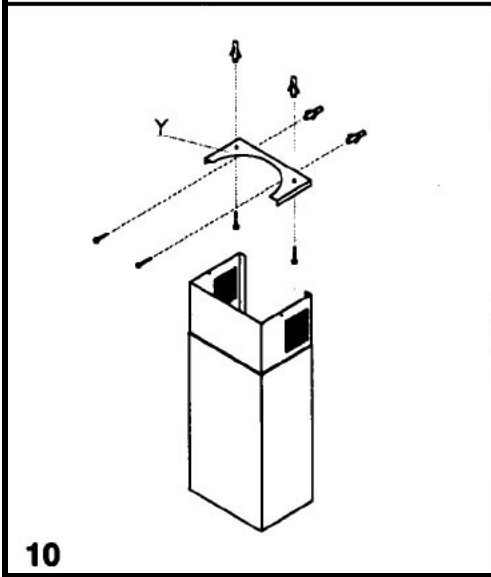
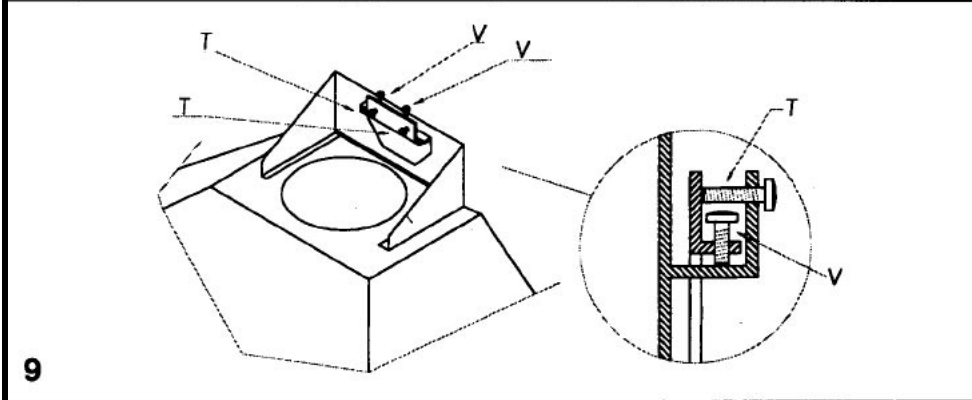
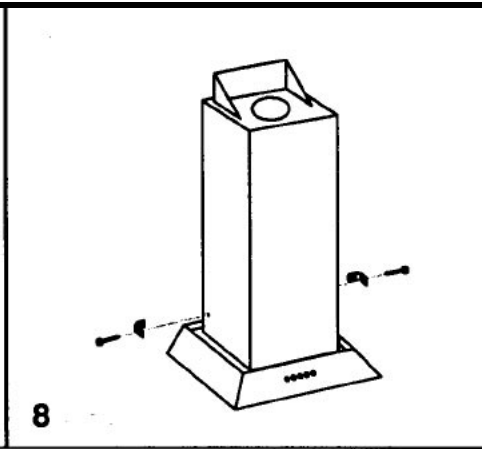
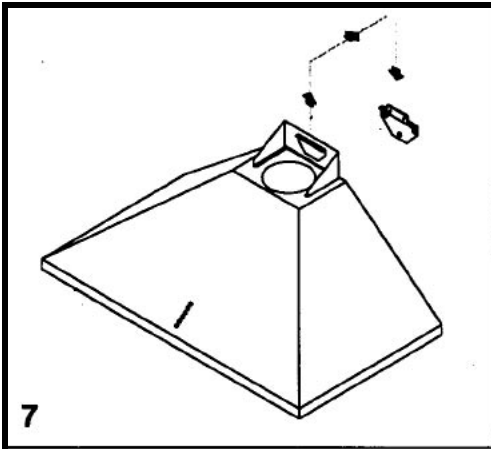
7. Clean the range hood with an appropriate stainless steel cleaner. Follow the manufacturers instructions.

Maintenance (refer to the owners manual for detailed maintenance instructions)

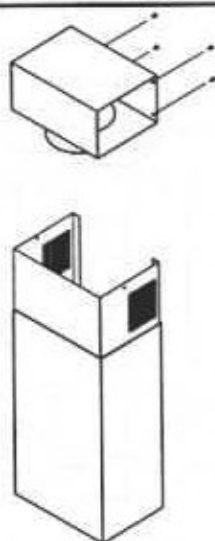
1. The range hood should provide many years of trouble free use provided it is maintained properly.
2. After 30 hours of use all of the buttons on the range hood (only for mechanical push button versions – wireless remote models do not have this feature) will light up – this signals that the filters will be saturated if they have not been cleaned since the last warning. Press the timer button to reset. Clean the fat filter either by hand washing, carefully, so as not to damage the filter design or, preferably in a dishwasher. Depending on use, the filters should be cleaned at least monthly in a dishwasher.
3. If a carbon filter has been fitted this must be replaced depending on use or at least every 6 months as a minimum.
4. Cleaning of the external parts should be done firstly with a clean soft cloth and warm soapy water. Do not under any circumstances use an abrasive material as this will scratch and damage the finish. After cleaning with warm soapy water follow up with a good quality foaming stainless steel cleaner. Spray the cleaner onto a soft clean cloth and wipe the surfaces thoroughly. Do not spray directly onto the surfaces. Do not under any circumstances use abrasives, acids, strong detergents, scouring pads or sand paper – all of these will destroy the surface.
5. Wipe all internal parts with a **damp** cloth soaked in a soapy solution and **completely squeezed out to ensure no excess liquid** is deposited onto the electronic components
6. Bulb replacement is accomplished by removing the glass-blocking ring with a sharp instrument such as a tooth - pick – steel instruments will scratch the surfaces. Take caution that the glass does not fall out and break. Wipe both sides of the glass while it is out.
7. Refer to the diagrams below.

Diagrams:

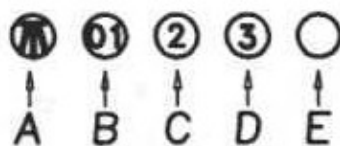




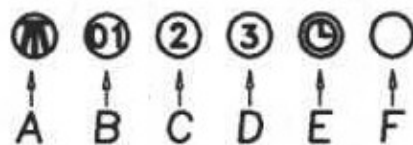
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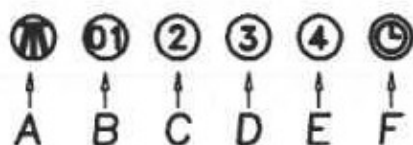
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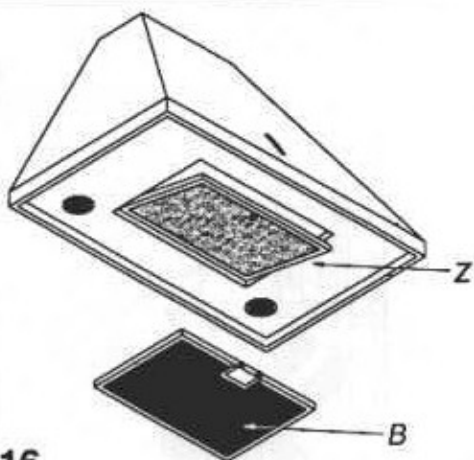
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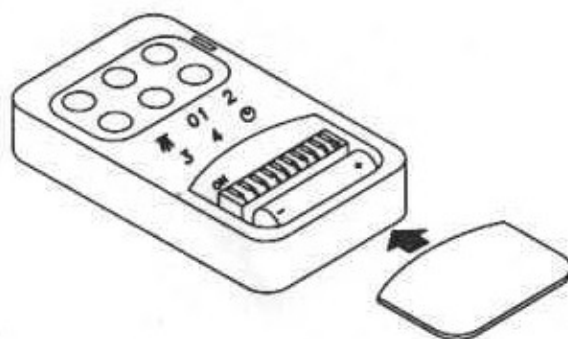
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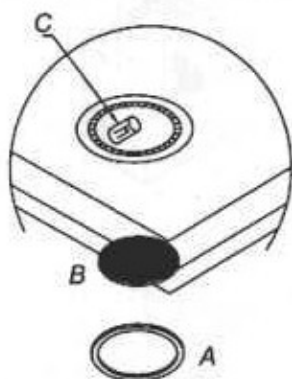
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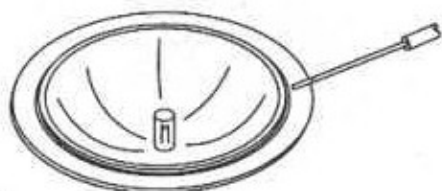
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