



# Rangehood – Wall Mount

## User Manual

[Revision 2.0 September 2018]




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READ THIS MANUAL CAREFULLY BEFORE USE – FAILURE TO DO SO MAY RESULT IN INJURY, PROPERTY DAMAGE AND MAY VOID WARRANTY. • KEEP THIS MANUAL FOR FUTURE REFERENCE. • Products covered by this manual may vary in appearance, assembly, inclusions, specifications, description and packaging.

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# Safety





















Safety messages are designed to alert you to possible dangers or hazards that could cause death, injury or equipment or property damage if not understood or followed. Safety messages have the following symbols:
















 You WILL be KILLED or SERIOUSLY INJURED if you do not follow instructions.	 You CAN be KILLED or SERIOUSLY INJURED if you do not follow instructions.	 You CAN be INJURED if you do not follow instructions or equipment damage may occur.
<p>It is vital that you read and understand this user manual before using the product, including safety warnings, and any assembly and operating instructions. Keep the manual for future reference.</p> <p>Safety precautions and recommendations detailed here must be fully understood and followed to reduce the risk of injury, fire, explosion, electrical hazard, and/or property damage.</p> <p>Safety information presented here is generic in nature – some advice may not be applicable to every product. The term "equipment" refers to the product, be it electrical mains powered, battery powered or combustion engine powered.</p> <ul style="list-style-type: none"> <li>• <b>Before Use</b> - If you are not familiar with the safe operation/handling of the equipment, or are in any way unsure of any aspect of suitability or correct use for your application, you should complete training conducted by a person or organization qualified in safe use and operation of this equipment, including fuel/electrical handling and safety.</li> <li>• Do NOT operate the equipment in flammable or explosive environments, such as in the presence of flammable liquids, gases or dust. The equipment may create sparks or heat that may ignite flammable substances.</li> <li>• Keep clear of moving parts.</li> <li>• Equipment may be a potential source of electric shock or injury if misused.</li> <li>• Do NOT operate the equipment if it is damaged, malfunctioning or is in an excessively worn state.</li> <li>• Do NOT allow others to use the equipment unless they have read this manual and are adequately trained.</li> <li>• Keep packaging away from children - risk of suffocation! Operators must use the equipment correctly. When using the equipment, consider conditions and pay due care to persons and property.</li> </ul> <p><b>General Work Area Safety</b></p> <ul style="list-style-type: none"> <li>• Work areas should be clean and well lit.</li> <li>• Do not operate the equipment if bystanders, animals etc are within operating range of the equipment or the general work area.</li> <li>• If devices are provided for connecting dust extraction / collection facilities, ensure these are connected and used properly. Dust collection can reduce dust-related hazards.</li> </ul>	<p><b>General Personal Safety</b></p> <ul style="list-style-type: none"> <li>• Wear appropriate protective equipment when operating, servicing, or when in the operating area of the equipment to help protect from eye and ear injury, poisoning, burns, cutting and crush injuries. Protective equipment such as safety goggles, respirators, non-slip safety footwear, hard hat, hearing protection etc should be used for appropriate equipment / conditions. Other people nearby should also wear appropriate personal protective equipment. Do not wear loose clothing or jewellery, which can be caught in moving parts. Keep hair and clothing away from the equipment.</li> <li>• Stay alert and use common sense when operating the equipment. Do not over-reach. Always maintain secure footing and balance.</li> <li>• Do not use the equipment if tired or under the influence of drugs, alcohol or medication.</li> <li>• This equipment is not intended for use by persons with reduced physical, sensory or mental capabilities.</li> </ul> <p><b>General Fuel Safety</b></p> <ul style="list-style-type: none"> <li>• Petrol/fuel/gasoline is extremely flammable – keep clear of naked flames or other ignition sources.</li> <li>• Do not spill fuel. If you spill fuel, wipe it off the equipment immediately – if fuel gets on your clothing, change clothing.</li> <li>• Do NOT smoke near fuel or when refuelling.</li> <li>• Always shut off the engine before refuelling.</li> <li>• Do NOT refuel a hot engine.</li> <li>• Open the fuel cap carefully to allow any pressure build-up in the tank to release slowly.</li> <li>• Always refuel in well ventilated areas.</li> <li>• Always check for fuel leakage. If fuel leakage is found, do not start or run the engine until all leaks are fixed.</li> </ul> <p><b>General Carbon-Monoxide Safety</b></p> <ul style="list-style-type: none"> <li>• Using a combustion engine indoors <b>CAN KILL IN MINUTES</b>. Engine exhaust contains carbon-monoxide – a poison you cannot smell or see.</li> <li>• Use combustion engines OUTSIDE only, and far away from windows, doors and vents.</li> </ul>	<p><b>General Equipment Use and Care</b></p> <ul style="list-style-type: none"> <li>• The equipment is designed for domestic use only.</li> <li>• Handle the equipment safely and carefully.</li> <li>• Before use, inspect the equipment for misalignment or binding of moving parts, loose components, damage or any other condition that may affect its operation. If damaged, have the equipment repaired by an authorised service centre or technician before use.</li> <li>• Prevent unintentional starting of the equipment - ensure equipment and power switches are in the OFF position before connecting or moving equipment. Do not carry equipment with hands or fingers touching any controls. Remove any tools or other items that are not a part of the equipment from it before starting or switching on.</li> <li>• Do not force the equipment. Use the correct equipment for your application. Equipment will perform better and be safer when used within its design and usage parameters.</li> <li>• Use the equipment and accessories etc. in accordance with these instructions, considering working conditions and the work to be performed. Using the equipment for operations different from those intended could result in hazardous situations.</li> <li>• Always keep equipment components (engines, hoses, handles, controls, frames, housings, guards etc) and accessories (cutting tools, nozzles, bits etc) properly maintained. Keep the equipment clean and, where applicable, properly lubricated.</li> <li>• Store the equipment out of reach of children or untrained persons. To avoid burns or fire hazards, let the equipment cool completely before transporting or storing. Never place or store the equipment near flammable materials, combustible gases or liquids etc.</li> <li>• The equipment is not weather-proof, and should not be stored in direct sunlight, at high ambient temperatures or locations that are damp or humid.</li> <li>• Do not clean equipment with solvents, flammable liquids or harsh abrasives.</li> <li>• For specific equipment safety use and care, see Equipment Safety.</li> </ul>

<p><b>General Electrical Safety</b></p> <ul style="list-style-type: none"> <li>• Inspect electrical equipment, extension cords, power bars, and electrical fittings for damage or wear before each use. Repair or replace damaged equipment immediately.</li> <li>• Ensure all power sources conform to equipment voltage requirements and are disconnected before connecting or disconnecting equipment.</li> <li>• When wiring electrically powered equipment, follow all electrical and safety codes.</li> <li>• Wherever possible, use a residual current device (RCD).</li> <li>• High voltage / high current power lines may be present. Use extreme caution to avoid contact or interference with power lines. Electrical shock can be fatal.</li> </ul>	<p><b>General Electrical Safety</b></p> <ul style="list-style-type: none"> <li>• Electrically grounded equipment must have an approved cord and plug and be connected to a grounded electrical outlet.</li> <li>• Do NOT bypass the ON/OFF switch and operate equipment by connecting and disconnecting the electrical cord.</li> <li>• Do NOT use equipment that has exposed wiring, damaged switches, covers or guards.</li> <li>• Do NOT use electrical equipment in wet conditions or in damp locations.</li> <li>• Do NOT use electrical cords to lift, move or carry equipment.</li> <li>• Do NOT coil or knot electrical cords, and ensure electrical cords are not trip hazards.</li> </ul>	<p><b>General Service Information</b></p> <ul style="list-style-type: none"> <li>• The equipment must be serviced or repaired at authorised service centres by qualified personnel only.</li> <li>• Replacement parts must be original equipment manufacturer (OEM) to ensure equipment safety is maintained.</li> <li>• Do NOT attempt any maintenance or repair work not described in this manual.</li> <li>• After use, the equipment and components may still be hot – allow the equipment to cool and disconnect spark plugs and/or electrical power sources and/or batteries from it before making adjustments, changing accessories or performing repair or maintenance.</li> <li>• Do NOT make adjustments while the equipment is running.</li> <li>• Perform service related activities in suitable conditions, such as a workshop.</li> <li>• Replace worn, damaged or missing warning/safety labels immediately.</li> </ul>
<p><b>Rangehood Safety Instructions</b></p> <ul style="list-style-type: none"> <li>• Do not connect the air outlet to chimney flues or combustion gas ducts.</li> <li>• Do not leave open flames under the rangehood.</li> <li>• In case of any damages to the power cable, have a qualified technician replace the damaged cable with a new one.</li> <li>• Clean the rangehood correctly in accordance with instructions to avoid any fire accidents.</li> <li>• Have a qualified technician replace the LED lights. Always use the lights no more than its rated usage.</li> <li>• Wear protective gloves before you start cleaning the rangehood. Remove all components gently while cleaning.</li> </ul>	<p><b>Rangehood Safety Instructions</b></p> <ul style="list-style-type: none"> <li>• Never wash the control switch with water or any kind of liquid to avoid short-circuiting the rangehood.</li> <li>• Have a qualified technician clean the motor fan to avoid distorting it while cleaning.</li> <li>• DO NOT handle/pull the power plug out of the power outlet with wet hands to avoid electric shocks and accidents.</li> <li>• Disconnect the rangehood from the power outlet if it will not be used for an extended period.</li> </ul>	

## Safety Symbols

The product may have safety warning labels attached to it, explained below. Understand the symbols on your product and their meanings. If any stickers become unreadable, unattached etc, replace them.

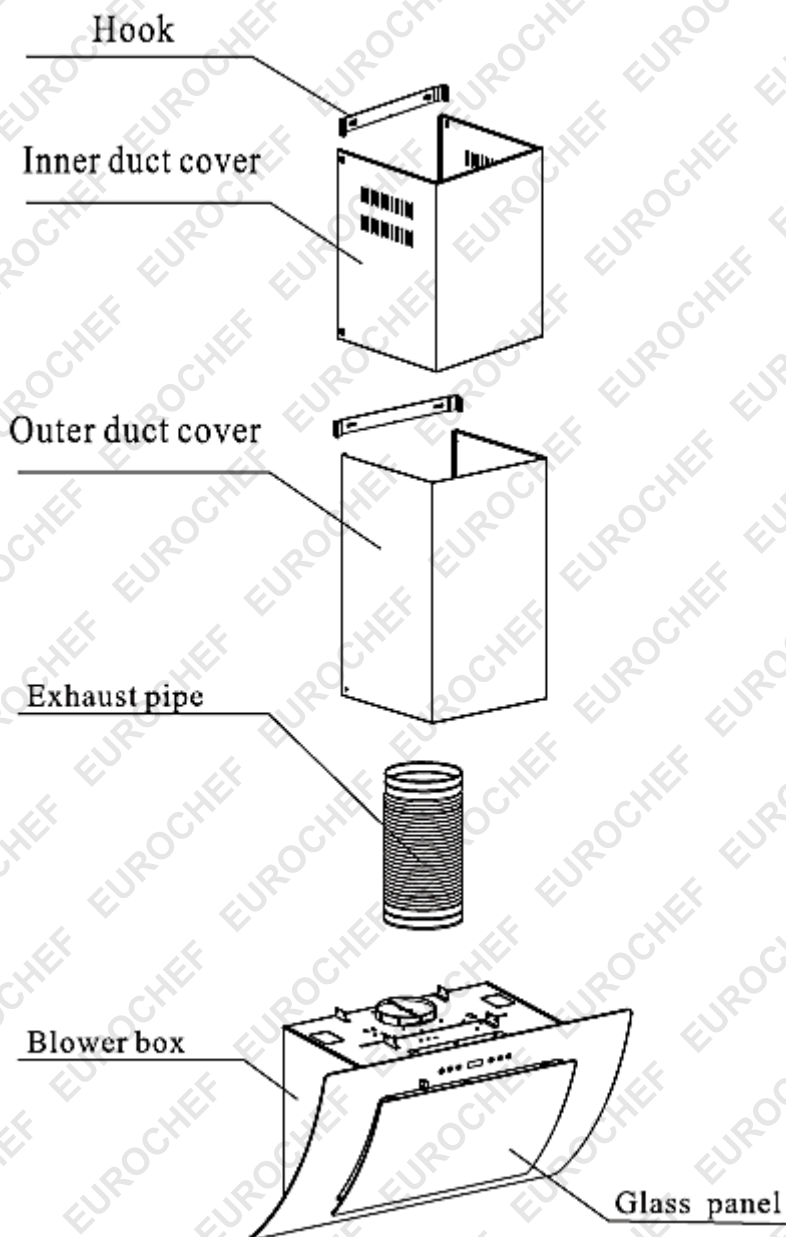
 <p><b>Flammable Material Hazard</b> Flammable liquids, gases or substances etc may present. Avoid ignition sources and open flames. Danger of fire.</p>	 <p><b>Read User Manual</b> Read and fully understand product safety warnings, operation, procedures etc before using the product.</p>	 <p><b>Use Hand Protection</b> Wear appropriate hand protection and take due care as the product or use of the product may present hand hazards.</p>	 <p><b>Carbon-Monoxide Hazard</b> Do not use the product in confined areas or without adequate ventilation. Carbon-monoxide poisoning can be fatal.</p>
 <p><b>Electrocution / Electrical Shock Hazard</b> High voltage or high current electricity may be present or required by the product. Take due care when handling electrical products, cables, plugs and leads. Electrical shock can be fatal.</p>	 <p><b>Toxic Fumes / Dust Hazard</b> Using the product or by-products from use may produce fumes, smoke or particles that could be harmful if inhaled. Wear appropriate breathing protection and have adequate ventilation.</p>	 <p><b>Explosive Material Hazard</b> Combustible liquids, gases or substances etc may be present. Avoid ignition sources and open flames. Danger of explosion.</p>	 <p><b>Cutting / Amputation Hazard</b> The product may have blades, edges or mechanical devices that can cause severe cut injury to fingers, limbs etc. Take due care when handling and using the product.</p>
 <p><b>Crush Hazard</b> The product may have blades, edges or mechanical devices that can cause severe crush injury to fingers, limbs etc. Take due care when handling and using the product.</p>	 <p><b>Single Operator Only</b> The product must be operated by a single person only. More than one person operating the product may introduce additional hazards.</p>	 <p><b>Use Face Protection</b> Wear appropriate full-face protection and take due care as the product or use of the product may present face and eye hazards.</p>	 <p><b>Use Foot Protection</b> Wear appropriate foot protection and take due care as the product or use of the product may present foot hazards.</p>
 <p><b>Use Eye / Ear / Head Protection</b> Wear appropriate eye and / or ear and / or head protection and take due care as the product or use of the product may present eye, hearing and head hazards.</p>	 <p><b>Running Hazard</b> Do not run on or near the product as doing so may present a fall hazard.</p>	 <p><b>Diving Hazard</b> Do not dive into the product as doing so may present a neck / head injury hazard.</p>	 <p><b>Adult Supervision Required</b> Always supervise children and other users of a product to prevent drowning or injury.</p>
 <p><b>Skin Penetration / Puncture Hazard</b> The product may produce pressure, emit liquids or objects that can cause severe injury to fingers, limbs, blood etc. Take due care when handling and using the product.</p>	 <p><b>Hot Surface Hazard</b> Be aware that the product may produce high temperatures and hot surfaces that can cause burn injuries.</p>	 <p><b>Flying Debris Hazard</b> Be aware that the product or use of the product may present hazards produced by flying debris. Wear appropriate clothing and protective devices.</p>	 <p><b>Moving Parts Hazard</b> Be aware that the product contains or uses mechanical devices that move or rotate. Always wait for moving parts to stop fully before handling the product, adjusting, maintenance etc.</p>

 <p><b>Carbon-Monoxide Hazard</b> Do not use the product in confined areas or without adequate ventilation. Carbon-monoxide poisoning can be fatal.</p>	 <p><b>Pull Hazard</b> Be aware that the product contains or uses mechanical devices that can pull in objects and can cause severe injury to fingers, limbs etc. Take due care when handling and using the product.</p>	 <p><b>Slope / Fall Injury Hazard</b> Be aware that using the product on sloping surfaces or in slippery conditions may present additional dangers from falls and contact with blades, moving parts, hot surfaces etc.</p>	 <p><b>"Slam Dunk" Warning</b> Do NOT attempt "slam dunk" manoeuvres as this may result in severe injury due to falling, product breakage or collapse etc.</p>
 <p><b>Electrocution / Electrical Shock Hazard - Outdoor</b> High voltage or high current electricity may be present or required by the product. Do NOT use in rain, damp or wet conditions. Electrical shock can be fatal.</p>	 <p><b>Electrocution / Electrical Shock Hazard - Disconnect</b> High voltage or high current electricity may be present or required by the product. Always disconnect the product from the electrical supply before handling the product, adjusting, maintenance etc.</p>	 <p><b>Power Line Electrocution Hazard</b> High voltage / high current power lines may be present. Use extreme caution to avoid contact or interference with power lines. Electrical shock can be fatal.</p>	 <p><b>"Kick-Back" Hazard</b> High level of "kick-back" hazard that can cause the machine to suddenly rotate towards operator. Kick-back injury can be fatal.</p>
 <p><b>Winch Operator Position Hazard</b> Do NOT stand between winch and load. Do NOT use winch to move people.</p>	 <p><b>Winch Lift Hazard</b> Do NOT LIFT load vertically. Use machine to PULL only.</p>	 <p><b>Cable Hazard</b> Ensure that load bearing cable is not kinked or knotted.</p>	 <p><b>Winch Cable Hazard</b> Ensure that there is a minimum number of cable coils on winching mechanism.</p>
 <p><b>Winch Hook Hazard</b> Carry hook to load – do NOT throw or run.</p>	 <p><b>Flash / Blinding Hazard</b> Wear appropriate eye protection for welding. Direct exposure to weld arcs may cause permanent eye injury.</p>	 <p><b>Laser Hazard</b> Laser may be in use – do NOT look directly at laser, or allow others to.</p>	

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## Parts Identification



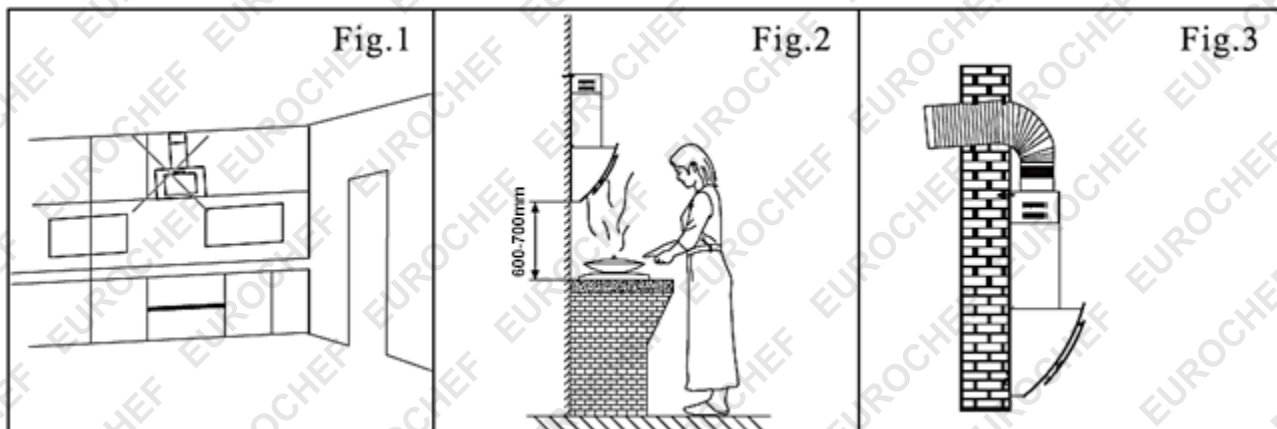


# Assembly and Set-Up

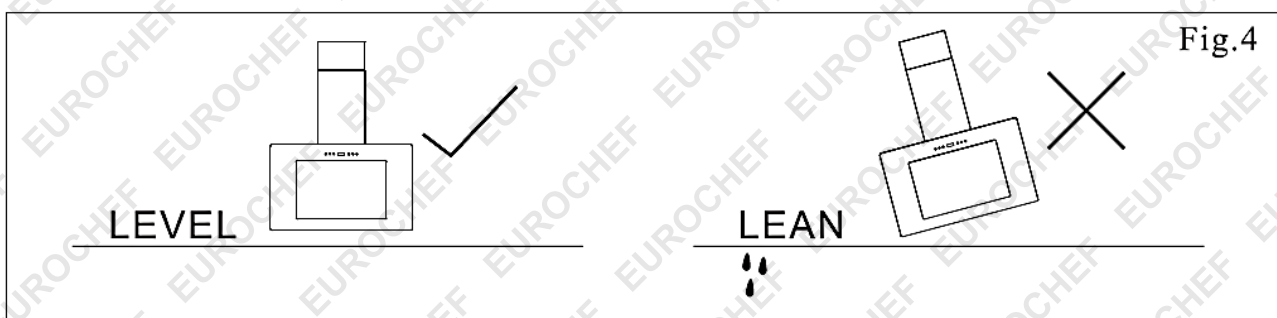


Do not install the rangehood where there are many doors and/or windows to avoid affecting the exhaust efficiency of the hood caused by air convection (Figure 1).

1. Install the rangehood right above the hob. The recommended distance between the hob and the lower edge of the rangehood is between 600mm for electric cooktops and 700mm for gas cooktops (Figure 2).
2. To get the best performance from your rangehood, do not elongate the exhaust pipe too much and minimise bending the exhaust pipe as much as possible. Ensure that the connection is airtight (Figure 3).



3. After hanging the unit on the wall, ensure that the hood is level and vertical (Figure 4).



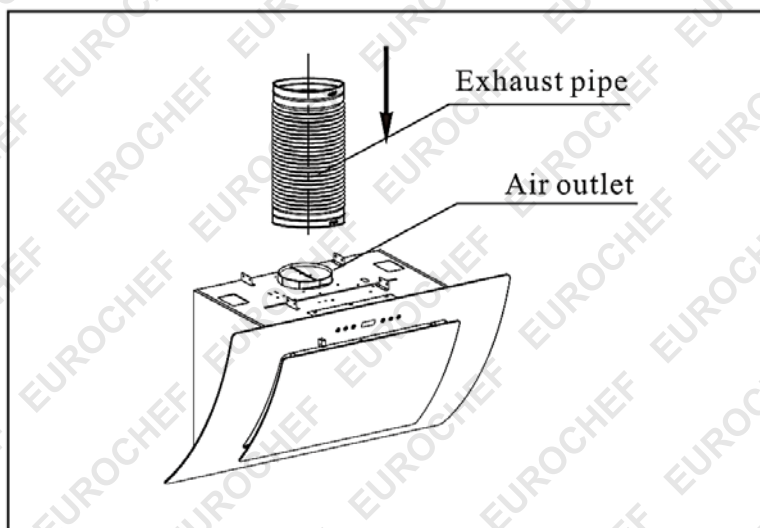
4. The air outlet must not be connected to the chimney flues or combustion gas ducts. Do not connect the air outlet to the ventilation ducts where fuel-burning appliances are installed.



## Installing the Rangehood

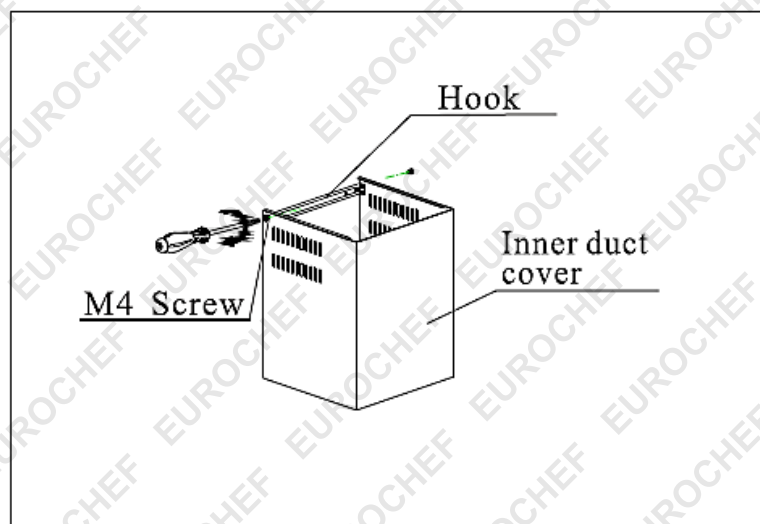


The rangehood may have very sharp edges; please wear protective gloves if it is necessary to remove any parts for installing, cleaning or servicing.



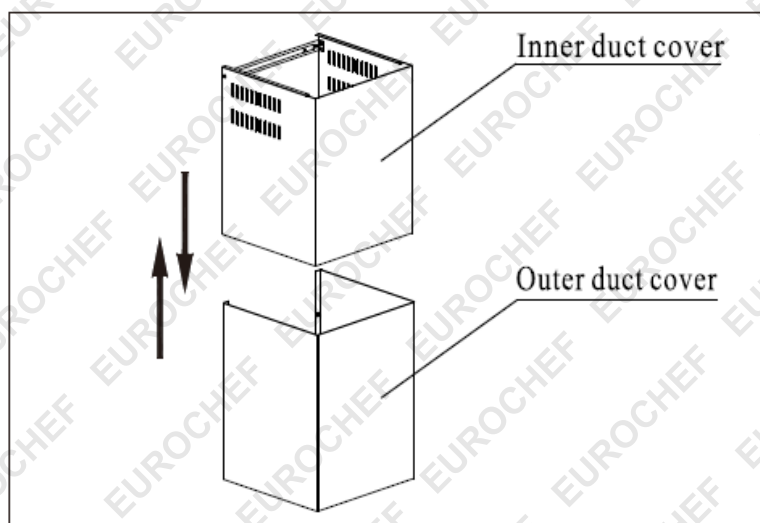
### Step 1:

Connect the exhaust pipe to the air outlet as shown in the image. Use one ST3.9X10 screw to fit the exhaust pipe.



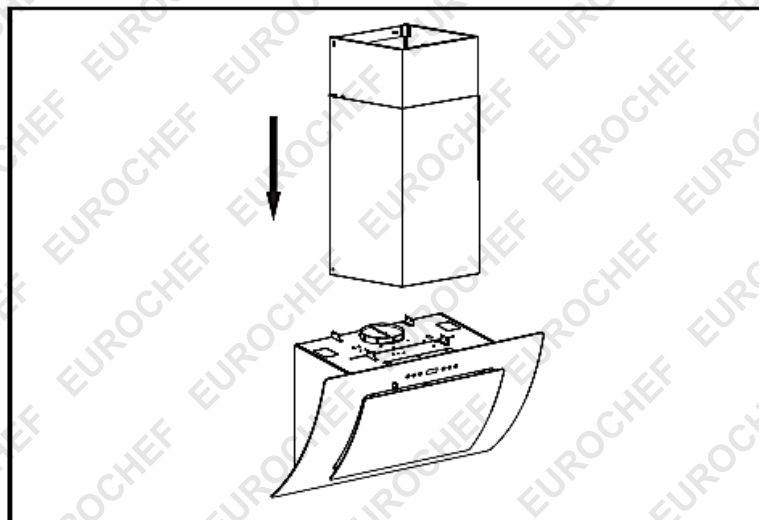
### Step 2:

Insert the hook through the holes of the inner duct cover and secure it with M4 screws.



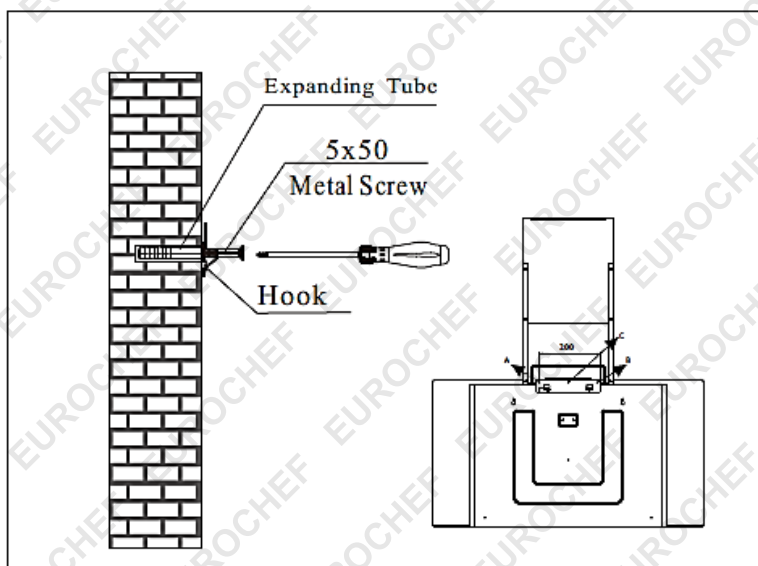
### Step 3:

Insert the inner duct cover into the outer duct cover.



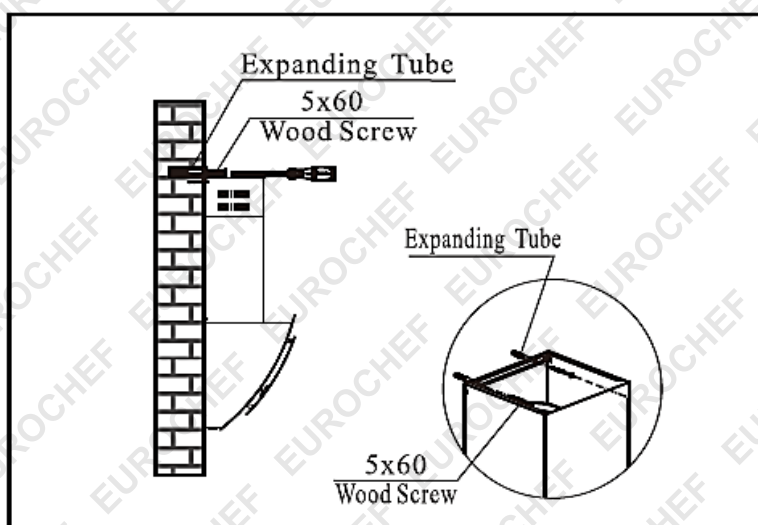
**Step 4:**

Match the holes of the outer duct cover with that of the blower box, then insert the outer duct cover over the blower box and secure it with 8pcs. of M4 X 10 screws using the fixing tool provided.



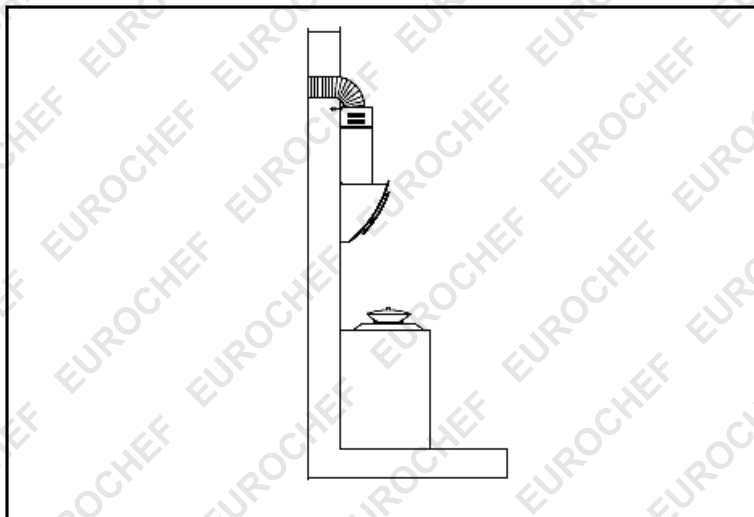
**Step 5:**

- Drill 3 holes in level with the wall measuring 10mm in diameter and 75-85mm in depth.
- Press the 3 expanding tubes provided into the holes.
- Secure the hook in place using the 5x50 metal screw provided.
- Then insert three M5X50 screws to holes A, B and C to secure the hook on the wall.



**Step 6:**

Screw in the entire rangehood onto the hook, ensuring that the hood is level and vertical.



**Step 7:**

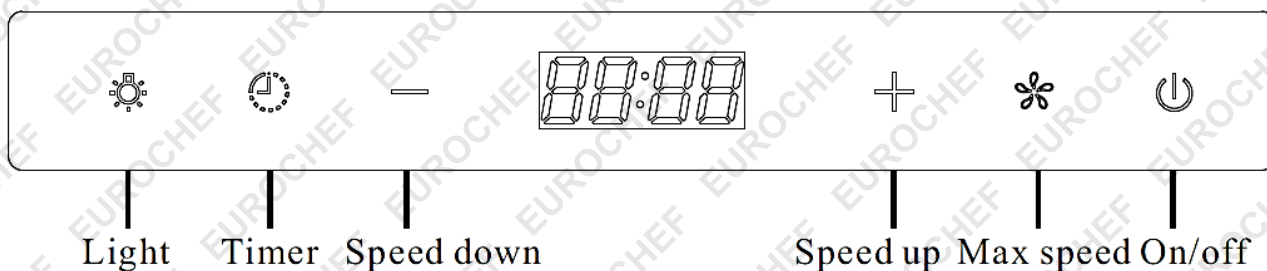
- Install the inner duct cover up to its preferred height, then make a mark on the wall near the two holes of the outer duct cover bracket.
- Take down the inner duct cover gently, then drill holes about 75-85 mm deep on the horizontal level using a 10mm drill.
- Insert the expanding tube provided into the holes.
- Matching the inner duct cover with the holes, securely fasten the inner duct cover with two 5x50 metal screws provided.

**Step 8:**

Install the air outlet of the exhaust pipe outside. Ensure that the exhaust pipe does not bend more than 120°.

# Operation

## Control Panel



	Turn ON/OFF the lights.
	Set the time.
	Decrease speed
	Increase speed
	Start at max. speed
	Turns the rangehood ON/OFF.

### To set the time:

1. Press for approximately 3 seconds.
2. Press to set the hour.
3. Press to set the minute.

# Maintenance

## General Maintenance



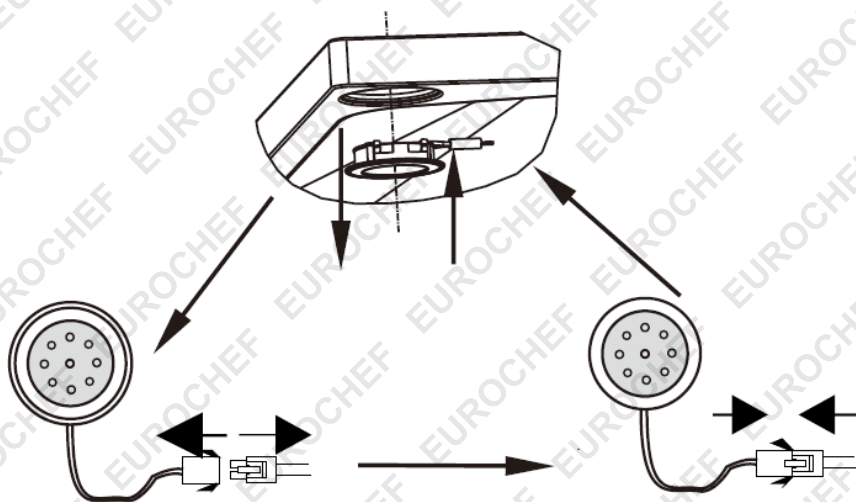
Never insert your hands into the rangehood while the fan is operating. For optimal level of operation, clean the rangehood surface, fan and stainless-steel filter regularly.

- Use only mild soap or detergent solutions to clean the rangehood's surface and dry it using a soft, clean cloth.
- Use a cleaner formulated for stainless steel usage to bring back the rangehood's shine and cleanliness if it ever becomes dirty.
- Clean the filter once a week or according to the frequency of usage. Press the buckle of the filter slightly, take off the filter and put it in warm, soapy water. Using a mild detergent, wipe the filter with a soft brush. Insert the filter back after it's completely dry.
- Have a qualified technician clean the motor fan and inside parts twice a year or according to the frequency of usage.
- DO NOT clean the motor with water or any form of liquid.

## Replacing the Lights



LED lights cannot be replaced with new bulbs. New LED lights must be completely installed. Ensure that all control switches are turned OFF and the rangehood is unplugged first.



1. Take out the filters and cut-off the wire connections of the light.
2. Press the spring according to the directional arrow, then the LED light unit can be taken out.
3. Ensure that the new replacement LED light has the same rating as the old one.
4. Insert the LED light into the hood in a reverse direction. Connect the wirings of the lamp.
5. Re-install the filters back.



# Troubleshooting



Disconnect the rangehood from the power supply first before attempting to troubleshoot.

Problem	Cause & Method of Repairing
Power supply is damaged.	<ul style="list-style-type: none"> <li>Have a qualified technician repair/replace the power supply.</li> </ul>
Motor isn't running.	<ul style="list-style-type: none"> <li>The fan is blocked. Check the fan and make sure that there are no obstructions near it.</li> <li>The motor is blocked. Check the motor and make sure that there are no obstructions near it.</li> <li>Broken motor. Replace with a new one.</li> <li>Broken switch. Replace with a new one.</li> <li>Broken capacitor. Replace with a new one.</li> </ul>
Rangehood is shaking.	<ul style="list-style-type: none"> <li>Loose installation. Check and ensure that the rangehood has been installed firmly and properly.</li> <li>Broken fan. Replace with a new one.</li> <li>Incorrect installation of the blower. Check and ensure that it is installed correctly.</li> <li>Incorrect/Loose installation of the motor. Check and ensure that it is installed firmly and correctly.</li> </ul>
The rangehood makes loud noises.	<ul style="list-style-type: none"> <li>The blower is unbalanced. Adjust the fan with screws or replace with a new one.</li> <li>Foreign objects might have gotten inside the blower. Check and clean the blower.</li> </ul>
Weak suction power.	<ul style="list-style-type: none"> <li>The distance from the rangehood to the gas cooker is too wide. Ensure that the distance is between 600mm for electric cooktops and 700mm for gas cooktops.</li> <li>If there are too many windows or doors in the kitchen, the air convection is too big. Close some doors or windows to make the air convection smaller.</li> <li>Wind going through the exhaust pipe due to it being installed in an upward direction. Ensure that the exhaust pipe is oriented at a downward position.</li> <li>The motor's power has decreased. Have it repaired or replace with a new one.</li> </ul>
LED light is not working.	<ul style="list-style-type: none"> <li>Have a qualified technician replace it with a new LED light assembly.</li> </ul>

# Specifications

<b>Model</b>	Angled
<b>Design</b>	Wall mounted
<b>Hood Material</b>	Black Tempered Glass
<b>Type</b>	Fan Module
<b>Hood Width</b>	900mm
<b>Exhaust Type</b>	Vented
<b>Light</b>	2x LED lights 2W
<b>Airflow</b>	1000m3/h
<b>Filter type</b>	Multi-layer aluminium filters
<b>Power</b>	240v/50hz
<b>Air Outlet Diameter</b>	150mm
<b>Min. Installation Distance</b>	600mm for electric cooktops 700mm for gas cooktops
<b>Power Plug</b>	Australian Standard

*Note: Minimal Assembly Required*





**Some experts believe that the incorrect or prolonged use of almost any product may cause serious injury or death. To help reduce your risk of serious injury or death, refer to the information below. For more information, see [www.datastreamserver.com/safety](http://www.datastreamserver.com/safety)**

- Consult all documentation, packaging and product labelling before use. Note that some products feature documentation available online. It is recommended to print and retain the documentation.
- Before each use, check the product for loose/broken/damaged/missing parts, wear or leaks (if applicable). Never use a product with loose/broken/damaged/missing parts, wear or leaks.
- Products must be inspected and serviced (if applicable) by a qualified technician every 6 months. This is based on average residential use by persons of average size and strength, and on a property of average metropolitan size. Use beyond these recommendations may require more frequent inspections/servicing.
- Ensure that all users of the product have completed a suitable industry recognised training course before being allowed access to the product.
- The product has been supplied by a general merchandise retailer that may not be familiar with your specific application or description of application. Be sure to attain third-party approval from a qualified specialist for your application before use, regardless of any assurances from the retailer or its representatives.
- This product is not intended for use where fail-safe operation is required. As with any product (for example, automobile, computer, toaster), there is the possibility of technical issues that may require the repair or replacement of parts, or the product itself. If the possibility of such failure and the associated time it may take to rectify could in any way inconvenience the user, business or employee, or financially affect the user, business or employee, then the product is not suitable for your requirements. This product is not intended for use where incorrect operation or a failure of any kind, including but not limited to, a condition requiring product return, replacement, parts replacement or service by a technician may cause financial loss, loss of employee time or an inconvenience requiring compensation.
- If this product has been purchased in error when considering the information presented here, contact the retailer directly for details of their returns policy, if required.



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