

# CABOIR

BATHROOM EXTRACTION



## Instruction manual



## **Designer Bathroom Cabinets 60cm - 120cm**

This very clever patented designer bathroom cabinet extractor fan is totally unique, not only in design but functionality.

We have designed this bathroom fan to be concealed in the bathroom cabinet! we use the very best quality stainless steel on all our products.

Ideally suited to be situated on an outside wall and ducted directly behind the fan thus hiding the ducting system completely.

240v motor 480 m<sup>3</sup>/hr

The Cabair features LED lighting, glass shelving, touch sensitive controls and a UK plug toothbrush or shaver socket inside the cabinet. Available in three size options 600mm, 900mm and 1200mm, this bathroom cabinet has three colour choices, white black or stainless steel. The cabinet can also be used in re-circulation mode if external ducting is not possible.

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## INSTRUCTIONS FOR USE and PRECAUTIONS

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Before the first use pay attention to what has been written in the attached manual.

- This appliance should not be operated by minors, children under the age of eight years old or people with learning difficulties, Children above eight years old must be supervised and given clear instruction as to the operation of this appliance. Children shall not play with the appliance.

Cleaning and maintenance should only be carried out by a competent person under the strict supervision of an adult. Never use abrasive cleaning materials on the appliance.

- Before any cleaning or maintenance operation, disconnect the appliance from the main supply, by means of the main switch or the bipolar switch or by removing the plug.
- If other gas equipment or equipment which consumes oxygen from the environment is used, ventilation must be sufficient. For safe ventilation, maximum depression in the room should not exceed 4 Pa (0,04 mbar) and there must be a hole on the outside facing wall (suitably positioned and dimensioned). If in doubt, national and international standards precisely indicate the rules for the state of art installation of gas systems and for environment air change, to avoid the possibility of incomplete combustions with the risk of poisonous fumes being emitted.
- Keep the grease filters clean, taking into account the recommended cleaning suggestions.
- Replace the carbon filters (if the appliance is used as a filtering), as indicated.
- Do not use the appliance to suction gas, fumes, vapours or other substances different from the normal fumes from the inside environment.

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## GENERAL

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In the SUCTION use extracts air, fumes and vapours from the inside environment and then expels them outside. It is not necessary to use carbon filters for purifying.

In the FILTERING use extracts air, fumes and vapours from the inside environment, purifies them by means of carbon filters and then emits the purified air into the same environment. In this case the use of carbon filters is absolutely necessary.

Carbon filters are available separately and can be purchased as optional accessories (see OPTIONAL ACCESSORIES).

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## BEFORE MOUNTING

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The instruction manual apply to several versions of the appliance. Accordingly you may find descriptions of individual features that do not apply to your specific appliance.

Arrange for a socket outlet or standard connection to the electric mains; if the appliance is used as a suction use, it is necessary to make a hole towards the outside (i.e in the open air) for the scavenging of the fumes.

 It is absolutely forbidden for the user to connect the air discharge of the appliance, when used a suction use, to boiler chimneys, gas, fume or vapour scavenging chimneys or any other duct, even only ventilation ducts, which have been used or will be used for other devices. Moreover it is not permitted to connect the scavenging pipe for fumes in other adjacent rooms or wellholes, or pipes for fire-fighting devices. In any case it is necessary to respect all norms concerning scavenging of the air. Any user who does not adhere to these instructions is risking his own life and the lives of others. In this case, the manufacturer declines any responsibility.

If the appliance is used as a suction use, it is necessary for qualified personnel to make a hole for ventilation on the outside wall.

If the appliance is to be used as a filtering use, it is necessary to purchase carbon filters (see OPTIONAL ACCESSORIES).

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## MOUNTING INSTRUCTIONS

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Mount the appliance as shown in the pictures of the M series if is used for suction use, or C series if is used for filtering use.

 The appliance is equipped with standard fixing material. The person who is mounting the hood should make sure that the fixing elements are right and suitable for the walls and ceilings he finds. The manufacturer declines any responsibility for damages caused by incorrect mounting.

The appliance is heavy and in order to move it 2 persons are needed.

The packaging material is dangerous for children. Never allow the children to play with the packaging material.

During the installation of the appliance, always wear protective handgloves to prevent injuries.

### DISMANTLING AND REPOSITIONING OF THE GREASE FILTERS

- Switch the light off and wait until the bulbs are completely cooled down.
- Follow the steps as shown in the pictures.
- To dismantle the metal filters, press the handles, overturn the filters and remove them.
- To remount the metal filters, put the rear part of the metal filter into its seat, press the handle, insert the front part of the filter and release the handles.

### FITTING AND REMOVAL OF EVENTUAL CARBON FILTERS

If you want to use the appliance as filtering it is necessary to mount the carbon filters as it is shown in the pictures of the C series. The carbon filters are OPTIONAL and they have to be bought in a separate way.

There are carbon filters that need replacement after use and carbon filters that can be regenerated. In case of use of carbon filters which can be regenerated follow the instructions enclosed to the filters.

### **GENERAL WARNING**

The pipe must be heat, flame and corrosionproof. The manufacturer strongly advises against the use of reducers or pipes with different diameter to the appliance outlet pipe, and pipes made of flexible aluminium because performance is diminished and noise level increased.

The end part of the pipe, on the outside of the hole on the wall, must be of such a shape to avoid rain, gusts of wind or other foreign bodies getting into the pipe. Should there be any doubt, contact anyone specialising in the installation of gas or ventilation system.

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## **ELECTRICAL CONNECTION**

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### **WARNING**

The electrical connection can only be carried out by qualified professional personnel, using standard material and state of the art installation methods. The manufacturer declines any responsibility for installations carried out by unskilled persons and for installations which are not in conformity with the standard norms concerning electrical safety (both concerning methods and materials).

### **ELECTRICAL TECHNICAL DATA**

The electrical technical data are visible inside the appliance after the removal of the filters.

### **CONNECTION TO THE POWER SUPPLY**

The flexible feed cable supplied is already connected internally and emerges from the appliance near the air outlet duct.

It is possible to effect two types of electric installation:

- **fixed installation;**
- **installation by means of plug on a socket.**

### **BEFORE ELECTRICAL INSTALLATION**

Before connection you must:

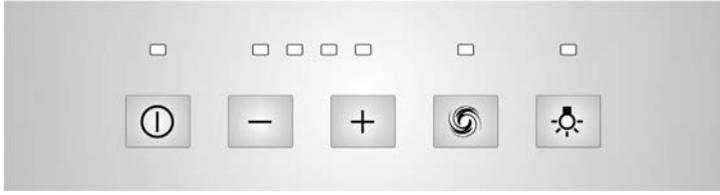
- the appliance can be used only in the areas/places as shown in the mounting pictures. Please follow current regulations to identify the installation areas.
- check that the electrical data indicated are in conformity with the main voltage and frequency values of the building where the hood is to be installed;
- check that the building is fitted with electric safety systems to protect against short circuits and electric shock systems, according to the laws in force;
- install an electric socket (or connection point) with a bipolar switch, which has contacts with an opening of at least 3 mms;
- if it is wished to install the appliance with a plug, it is necessary that you have access to the plug;
- always turn off the main voltage supply by means of the bipolar switch before connecting and switch on again only when connections have been completed, tested and are safe.

 If the light of the lamps is weak when the appliance is in stand by, then invert the phase of the plug/socket.

## PRECAUTIONS TO BE TAKEN IF REPAIRS ARE TO BE CARRIED OUT

Repairs, including the replacement of the feed cable if necessary, are to be carried out only by qualified personnel, using standard methods, instruments and materials. Any repairs carried out by others could prove to be dangerous and could be a fire risk.

## FUNCTION AND USE

	
<small>□ □ □ □</small> The led points above the push buttons   are showing the 4 different speeds of the motor.	
	It turns on and off the lights.
	It increases the speeds of the motor. The highest speed is shown with the led flashing and after 10 minutes the motor goes automatically to speed 2.
	It decreases the speed of the motor.
	It stops the motor.
	

**INTERVAL FUNCTION:**  and  → , , ... →  and 

A specific function of this appliance is the Interval Function which consists in activating the motor in automatic way 10 minutes each hour at the flashing shown speed.

How to activate:

- Keep pressing at the same time the push button  and : the led point of the first speed will switch on, press again the push button , the light indicator will show the following for the speeds of the motor 2→3→1→2→3 ...;

- Keep pressing within 5 seconds the push button  and  to confirm the speed for the motor you wish for the interval function.

By pressing any push button, light excluded, the interval function is excluded.

### **SATURATION INDICATORS OF GREASE FILTERS AND CARBON FILTERS**

The appliance is delivered standard in suction use: if you wish to use in filtering version it is necessary to set this function.

When the metal filters need to be cleaned, you have a saturation indicator for the filters and, if the appliance is set for filtering use, when the carbon filters need to be replaced/regenerated you have a saturation indicator for the carbon filters.

Saturation indicator alarm for the metal filter: acoustic signal with working motor and the point of the led of the push button  is flashing.

Clearing the saturation indicator alarm for the metal filter: with the motor off press twice the  push button.

Saturation indicator alarm for the carbon filters: acoustic signal with working motor and led of the  push button is flashing.

Clearing of the saturation indicator alarm of the carbon filter: press twice the  push button.

Setting of the filtering use: if the suction function is set up (standard delivery), with motor and lights off keep pressing for 5 seconds the push button ; the led point of the push button  will switch on for 5 seconds.

Setting of the suction use: if the appliance is set for filtering use, with motor and lights off keep pressing for 5 seconds the push button ; the led point of the  push button will switch on for 5 seconds.

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## **MAINTENANCE**

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### **METAL FILTERS**

The metal filters are used to retain the particles in suspension.

For washing by hand, use hot water and soap; this can be done by hand brushing vigorously several times and then rinsing under the tap.

After washing, the metal filters should be dried and re-fitted correctly.

It is possible that after washing the filter will have slight change in the colour.

  It is advised to wash the metal filters after circa 100 hours of use of the appliance.

If the metal filters are very dirty, the motor can only take in a small quantity of air, and performance is reduced;

### **CARBON FILTERS**

The carbon filters at the suction outlet of the motor, are used to retain the odours. It is not necessary to use carbon filters.

The use of carbon filters is necessary if you use the appliance as filtering.

 We advise to replace the carbon filters after circa 200-300 hours of use of the appliance. The carbon filters cannot be either washed nor regenerated but need to be replaced when expired.

Carbon filters do not guarantee the interchange of oxygen in the air.

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## CLEANING

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To preserve the appliance in good condition, clean this periodically following the advice given as follows.

 Make sure that power has been completely turned off.

The detergent solution recommended is a combination of WATER and NEUTRAL LIQUID SOAP. It is of vital importance that the liquid soap should not contain any grains which could scratch the surface.

The solution should be applied first onto a soft cloth which is then rubbed over the shell. It is important to follow the pattern of the satin finish with the cloth.

It is absolutely forbidden to pour liquids directly onto the appliance.

The cloth used should not have any buttons, zips, fasteners or anything else which could scratch the surface.

The use harsh abrasive or granular products, petrol, spirits or similar products which could damage the surface of the material, is severely forbidden.

The manufacturer will not be responsible for any damages either functional or to the appearance of the hood, caused by cleaning operations carried out using unsuitable products or unsuitable methods.

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## ACCESSORIES

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The following optional accessories are available and are sold separately:

- ONE USE CARBON FILTERS;
- FILTERING KIT;
- CARTER TO COVER THE PIPES.

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## IF YOU ENCOUNTER A PROBLEM

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Disconnect the appliance from the mains electricity supply and keep it disconnected for ca 1 minute, then reconnect.

If the behaviour of the hood seems strange, read the procedure for resetting carbon and grease filters concerning the kind of control in your hood. (see FUNCTION AND USE).

If the lights of the lamps is weak when the hood is in stand-by, then invert the plug.

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## EUROPEAN DIRECTIVE MARK

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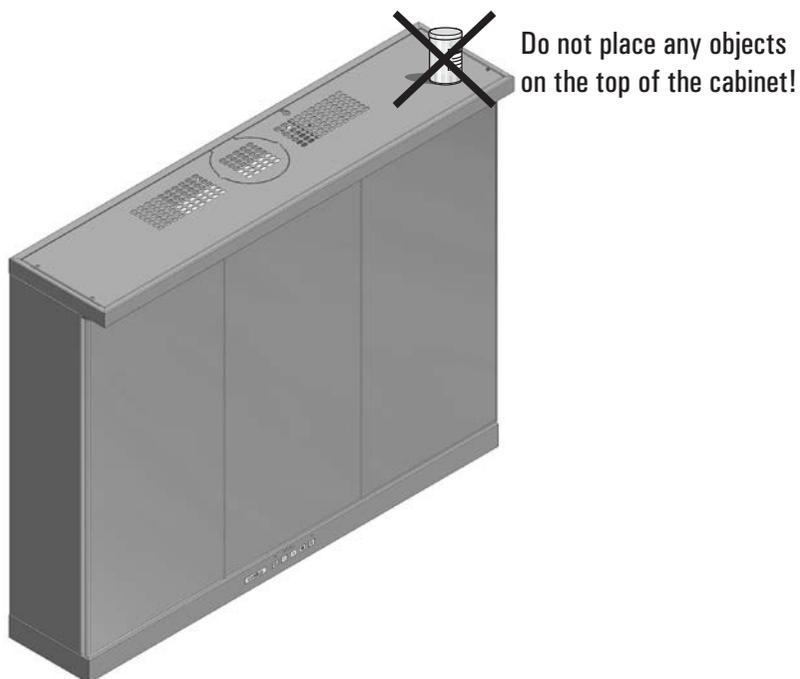
This appliance is marked according to the European directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE). This norm is the frame of a European-wide validity of return and recycling of Waste Electrical and Electronic Equipment.

The symbol on the product or on its packaging indicates that this product may not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused

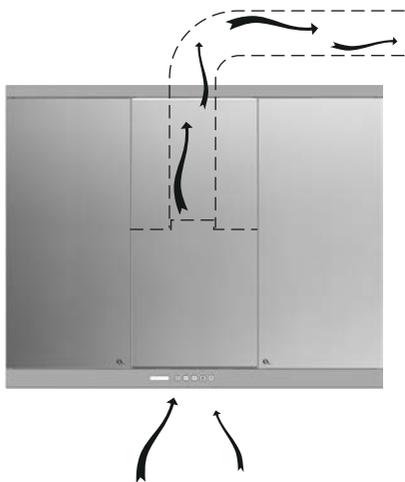


by inappropriate waste handling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

**WARNING!** This model is equipped with standard fixing material. The person who is mounting should make sure that the fixing elements are right and suitable for the walls and ceilings he finds. The manufacturer declines any responsibility for damages caused by incorrect mounting.

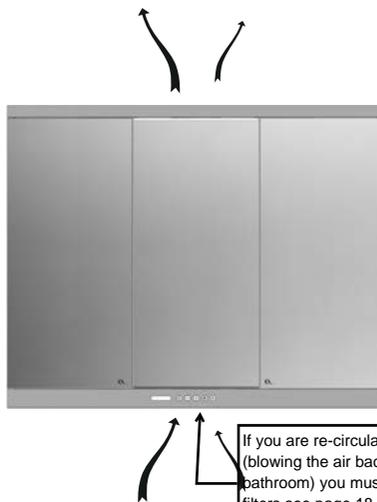


### Ducting from above version (fig. M series)



M 1

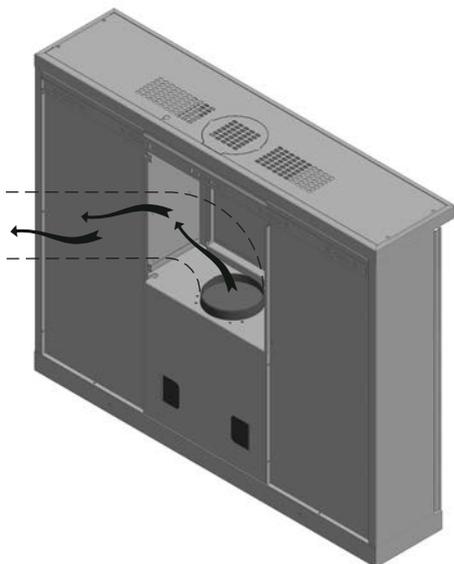
### Recirculation version (fig. C series)



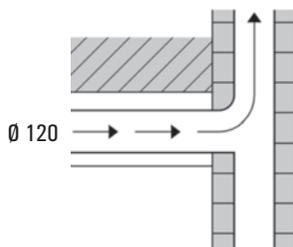
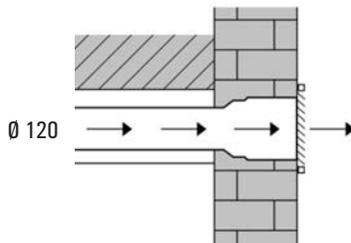
If you are re-circulating this cabinet (blowing the air back into the bathroom) you must use charcoal filters see page 18 for further details.

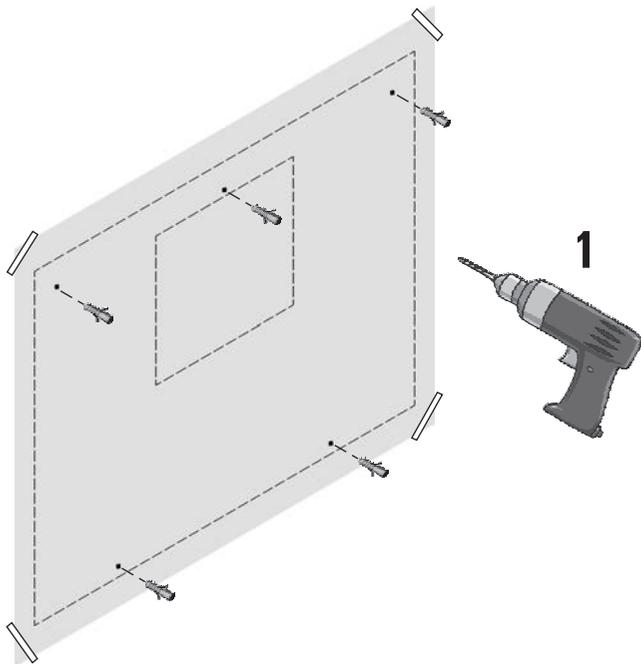
C 1

### Ducting from behind version (fig. M series)

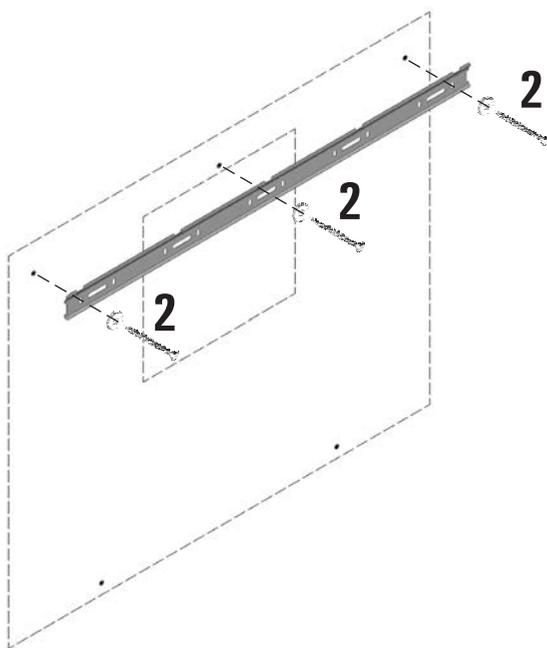


M 2

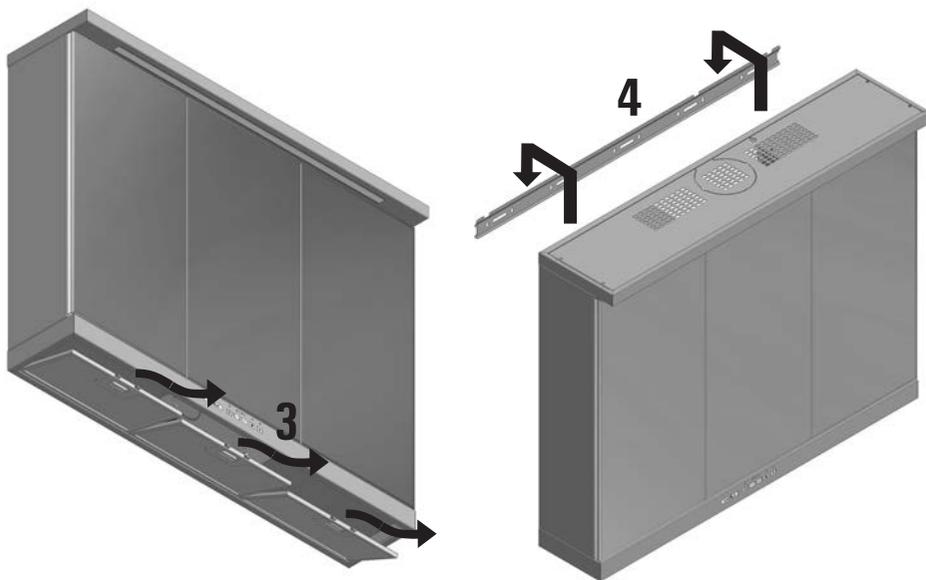




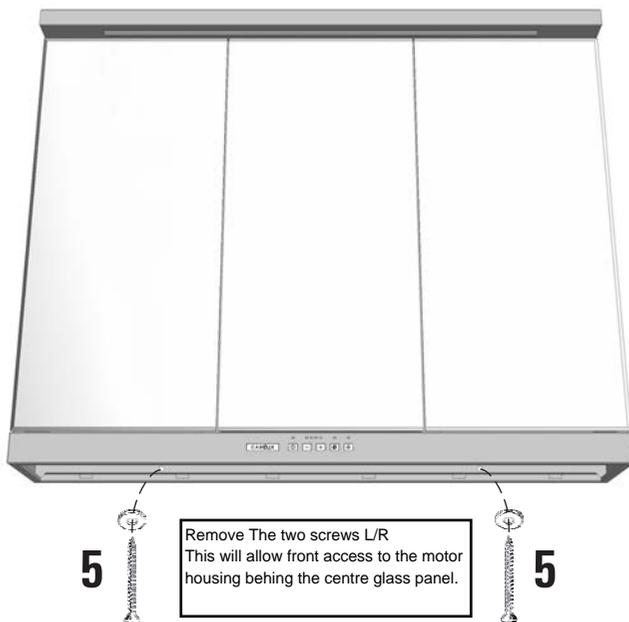
M 3 / C 2



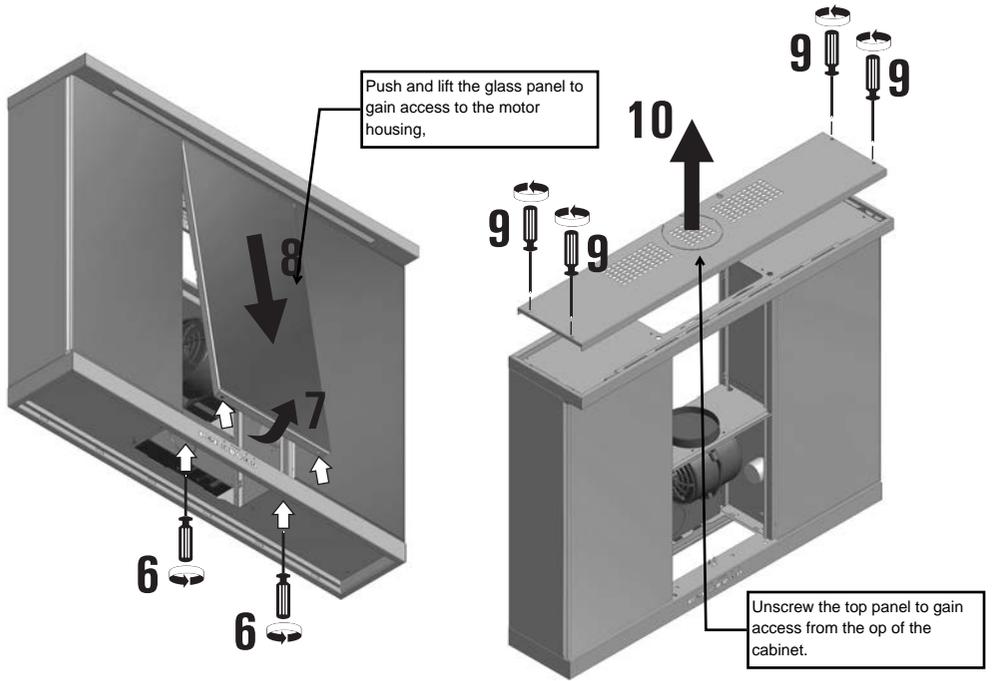
M 4 / C 3



M 5 / C 4



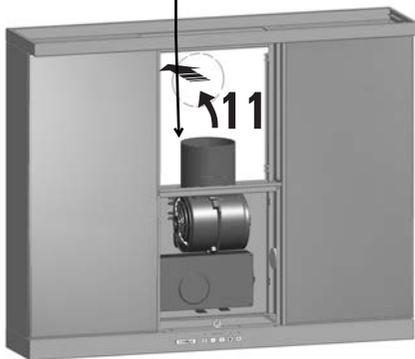
M 6 / C 5



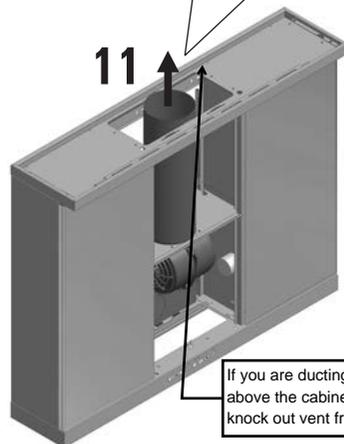
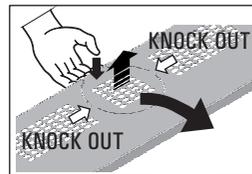
M 7 / C 6

**BACK OUTLET**

Connect your ducting system to the outside wall if you are ducting your cabinet directly from behind.



**TOP OUTLET**

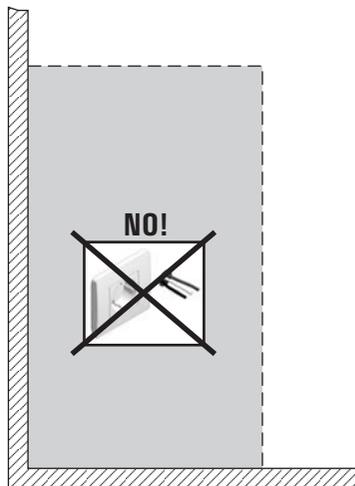
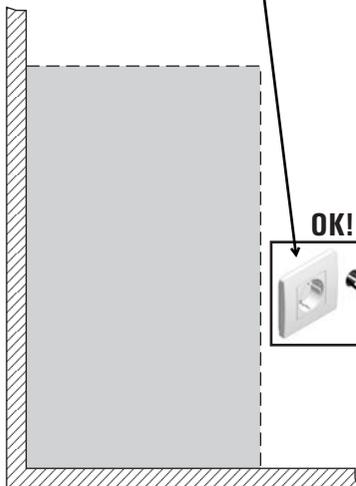


M 8

Never install this unit in shower units, outside shower areas only.

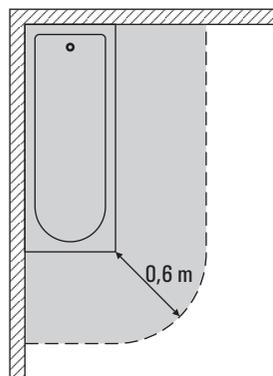
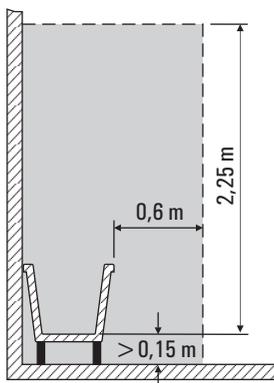
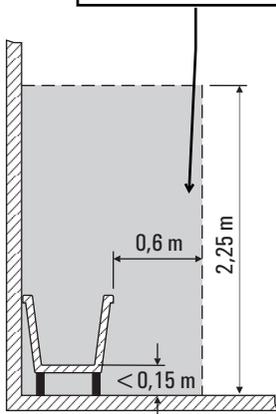


⚡ 220-240Vac



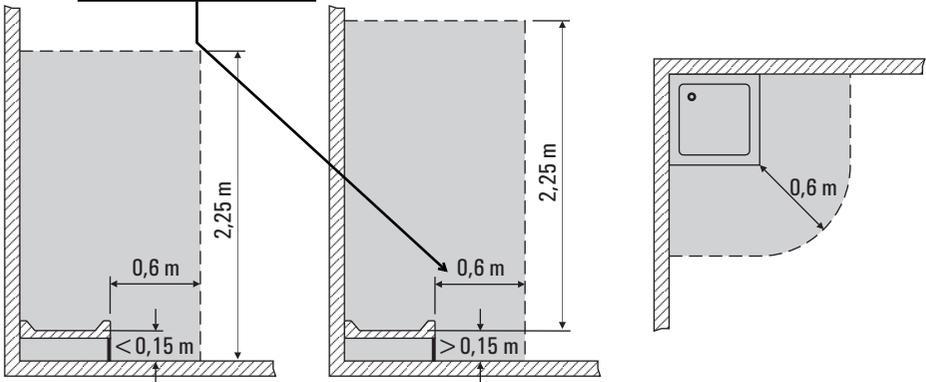
**A**

Unit must be at least 60cm away from showers.



**B**

Unit must be at least 60cm  
away from showers.

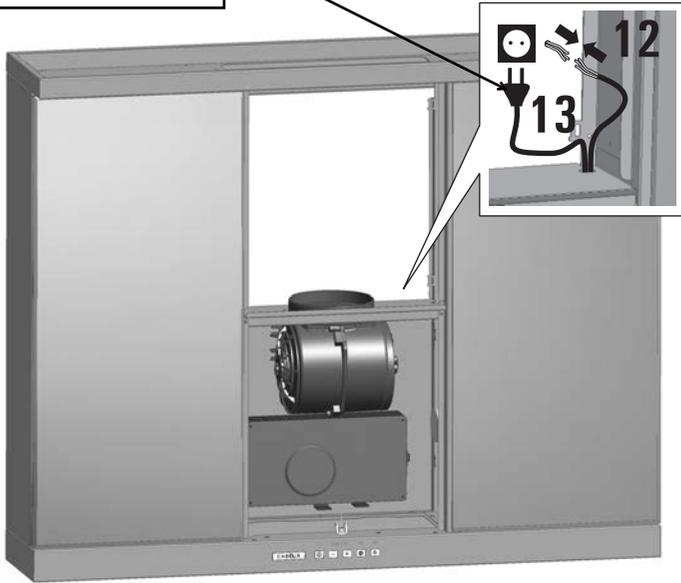


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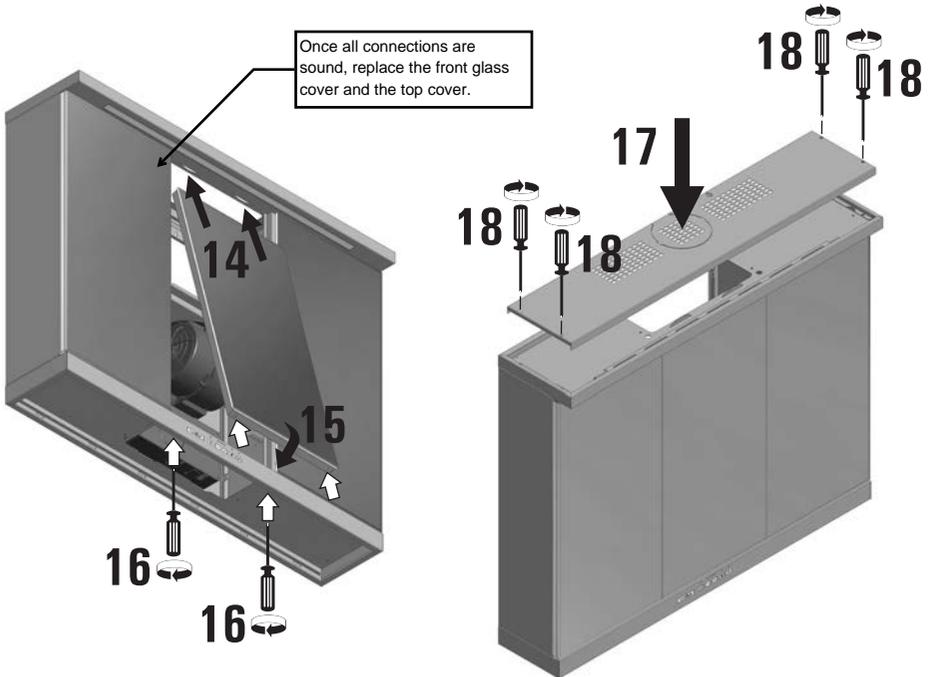
Please ensure that this unit is installed away from any direct water sources, showers and bath tubs.

This cabinet can be installed above a sink with a minimum height clearance of 300mm.

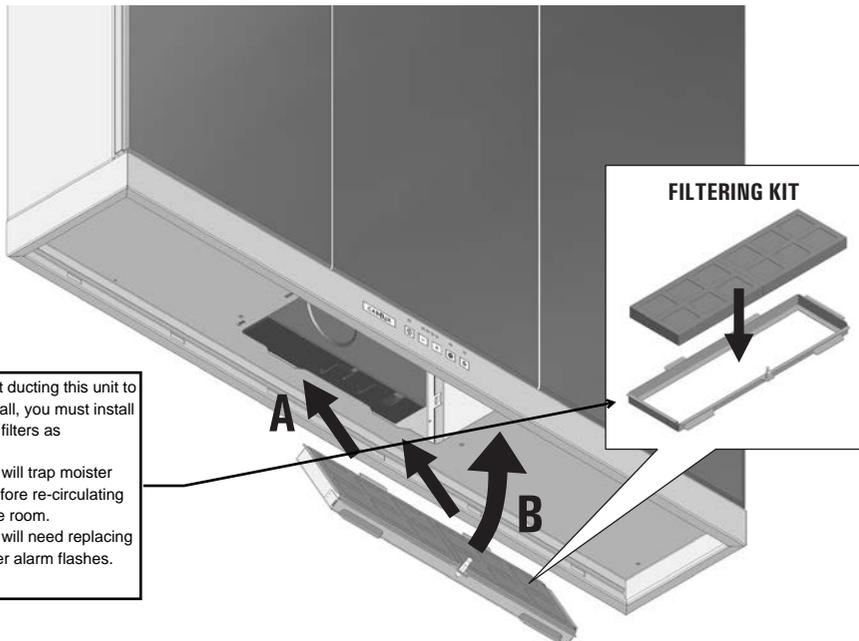
Ensure all electrical connections are water tight.



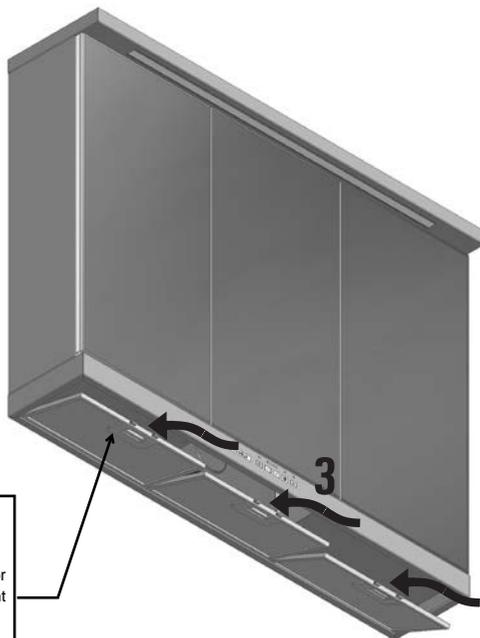
M 10 / C 8



M 11 / C 9

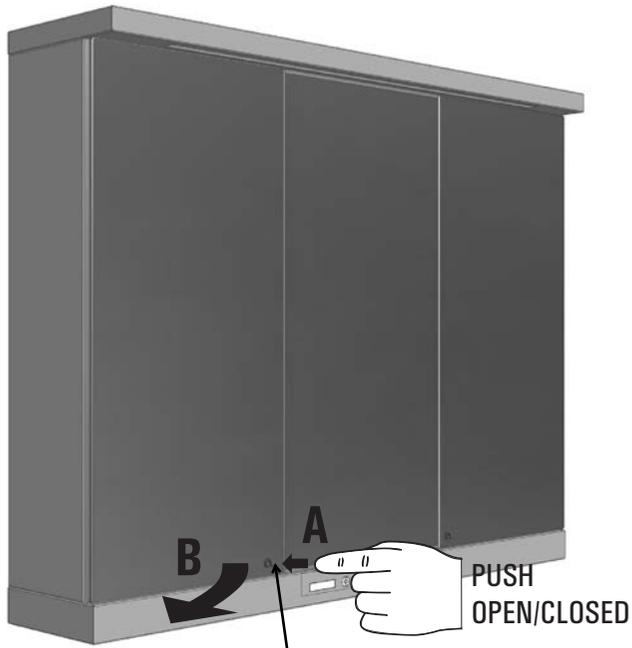


**C 10**



Metal filters are dishwasher safe, these filters will trap dust and fluff particles that so often block fans, when they are full or need cleaning the indicator light on the front of the unit will start to flash red. its then time to clean you filters.

**M 12 / C 11**



To open your cabinet push and click.



Warranty Registration - Please Use our online warranty registration at  
[www.luxairbathroomfans.com](http://www.luxairbathroomfans.com)