

**LEIHDC70SC - LEIHDC70BB  
LEIHDC70BC**

**Instructions Manual**

**[www.rangemaster.co.uk](http://www.rangemaster.co.uk)**

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# RECOMMENDATIONS AND SUGGESTIONS

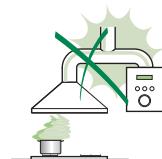
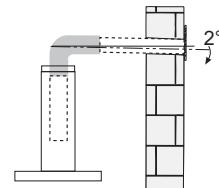
⚠ The Instructions for Use apply to several versions of this appliance. Accordingly, you may find descriptions of individual features that do not apply to your specific appliance.

## INSTALLATION

- The manufacturer will not be held liable for any damages resulting from incorrect or improper installation.
- The minimum safety distance between the cooker top and the extractor hood is 650 mm (some models can be installed at a lower height, please refer to the paragraphs on working dimensions and installation).
- Check that the mains voltage corresponds to that indicated on the rating plate fixed to the inside of the hood.
- For Class I appliances, check that the domestic power supply guarantees adequate earthing.

Connect the extractor to the exhaust flue through a pipe of minimum diameter 120 mm. The route of the flue must be as short as possible.

- Do not connect the extractor hood to exhaust ducts carrying combustion fumes (boilers, fireplaces, etc.).
- If the extractor is used in conjunction with non-electrical appliances (e.g. gas burning appliances), a sufficient degree of aeration must be guaranteed in the room in order to prevent the backflow of exhaust gas. The kitchen must have an opening communicating directly with the open air in order to guarantee the entry of clean air. When the cooker hood is used in conjunction with appliances supplied with energy other than electric, the negative pressure in the room must not exceed 0,04 mbar to prevent fumes being drawn back into the room by the cooker hood.
- The air must not be discharged into a flue that is used for exhausting fumes from appliances burning gas or other fuels (not applicable to appliances that only discharge the air back into the room).
- In the event of damage to the power cable, it must be replaced by the manufacturer or by the technical service department, in order to prevent any risks.



- If the instructions for installation for the gas hob specify a greater distance specified above, this has to be taken into account. Regulations concerning the discharge of air have to be fulfilled.
- Use only screws and small parts in support of the hood.

**Warning:** Failure to install the screws or fixing device in accordance with these instructions may result in electrical hazards.

- Connect the hood to the mains through a two-pole switch having a contact gap of at least 3 mm.

## USE

- The extractor hood has been designed exclusively for domestic use to eliminate kitchen smells.
- Never use the hood for purposes other than for which it has been designed.
- Never leave high naked flames under the hood when it is in operation.
- Adjust the flame intensity to direct it onto the bottom of the pan only, making sure that it does not engulf the sides.
- Deep fat fryers must be continuously monitored during use: overheated oil can burst into flames.
- Do not flambé under the range hood; risk of fire.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.



- **"CAUTION:** Accessible parts may become hot when used with cooking appliances."

## MAINTENANCE

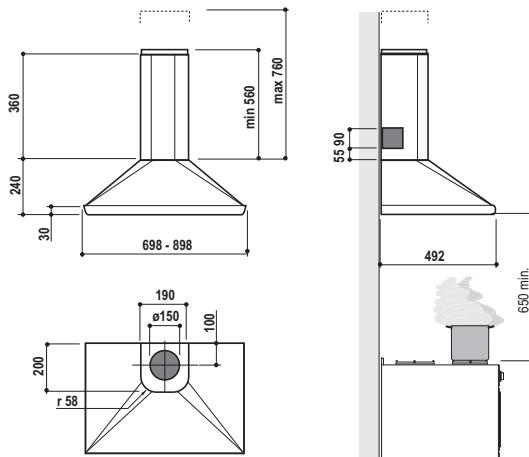
- Switch off or unplug the appliance from the mains supply before carrying out any maintenance work.
- Clean and/or replace the Filters after the specified time period (Fire hazard).
- The Grease filters must be cleaned every 2 months of operation, or more frequently for particularly heavy usage, and can be washed in a dishwasher.
- The Activated charcoal filter is not washable and cannot be regenerated, and must be replaced approximately every 4 months of operation, or more frequently for particularly heavy usage.
- "Failure to carry out cleaning as indicated will result in a fire hazard".
- Clean the hood using a damp cloth and a neutral liquid detergent.



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. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

# CHARACTERISTICS

## Dimensions



## Components

### Ref. Q.ty Product Components

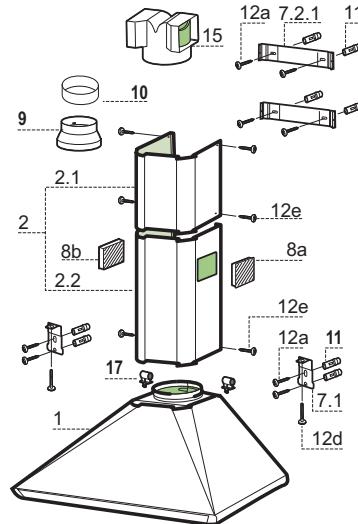
1	1	Hood Body, complete with: Controls, Light, Blower, Filters
2	1	Telescopic Chimney comprising:
2.1	1	Upper Section
2.2	1	Lower Section
8a	1	Right Air Outlet Grill
8b	1	Left Air Outlet Grill
9	1	Reducer Flange ø 150-120 mm
10	1	Adapting ring ø 120-125 mm
15	1	Air Outlet Connection
17	2	Lower Chimney Fixing Bush

### Ref. Q.ty Installation Components

7.1	2	Hood Body Fixing Brackets
7.2.1	2	Upper Chimney Section Fixing Brackets
11	8	Wall Plugs
12a	8	Screws 4.2 x 44,4
12c	6	Screws 2.9 x 9,5
12d	2	Screws M4 x 25

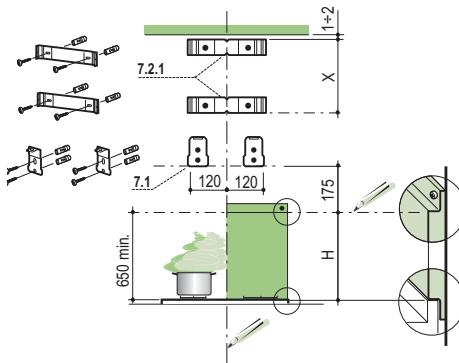
### Q.ty Documentation

1	Instruction Manual
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# INSTALLATION

## Wall drilling and bracket fixing



### Wall marking:

- Draw a vertical line on the supporting wall up to the ceiling, or as high as practical, at the centre of the area in which the hood will be installed.
- Draw a horizontal line at 650 mm above the hob for installation without the back panel, or at height H (height of the visible part of the panel) for installation with the back panel.
- Place bracket **7.2.1** on the wall as shown about 1-2 mm from the ceiling or upper limit, aligning the centre (notch) with the vertical reference line.
- Mark the wall at the centres of the holes in the bracket.
- Place bracket **7.2.1** on the wall as shown at X mm below the first bracket (X = height of the upper chimney section supplied), aligning the centre (notch) with the vertical line.
- Mark the wall at the centres of the holes in the bracket.
- Place bracket **7.1** as shown 120 mm from the vertical reference line and 175 mm above the horizontal reference line.
- Mark the centres of the holes in the bracket.
- Repeat this operation on the other side.

### REAR PANEL (OPTIONAL)

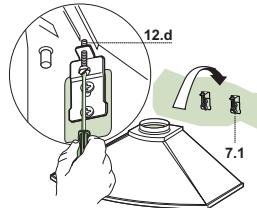
The Rear Panel must be fitted before fixing the hood body and, if it is to be fixed at both top and bottom, must be fitted at the correct height prior to installing the bases. As this operation is rather complex, it should be carried out either by the kitchen installer or a qualified person who knows the final dimensions of the units.

For fixing at the top only, proceed as follows:

- Rest the back panel on the base, inserting the lower plate between the upper surface and the wall, centring it on the vertical reference line.
- Mark the centres of the two holes in the upper plate.
- Drill  $\varnothing$  8 mm holes at all the centre points marked.
- Insert the wall plugs **11** in the holes.
- Fix the brackets using the **12a** screws supplied.
- Fix the back panel (where present) using the **12a** screws supplied.

## Mounting the hood body

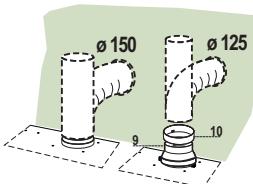
- Screw the two screws **12d** supplied onto the brackets **7.1**.
- Hook the hood body onto the bracket **7.1**, centring it around the vertical line.
- Use the adjusting screws **12d** underneath the hood to level the hood body.



## Connections

### DUCTED VERSION AIR EXHAUST SYSTEM

When installing the ducted version, connect the hood to the chimney using either a flexible or rigid pipe  $\phi$  150 or 125 mm, the choice of which is left to the installer.



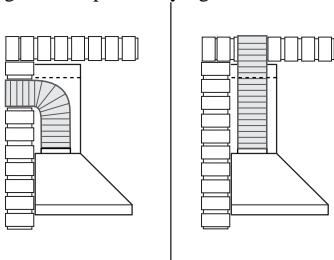
- To install a  $\phi$  125 mm air exhaust connection, insert the reducer flange **9** on the hood body air outlet and the adapting ring  $\phi 120-125$  **10** on the reducer flange.
- Fix the pipe in position using sufficient pipe clamps (not supplied).
- Remove any activated charcoal filters.

### Exhausted mode Recommendations and suggestions

Connect the extractor to the exhaust flue through a pipe of minimum diameter 125 mm.

The route of the flue must be as short as possible.

Ideal ducting distance to discharge outlet is maximum of 3 meters straight run, or 2 meters and one 90 degree bend preferably rigid duct.



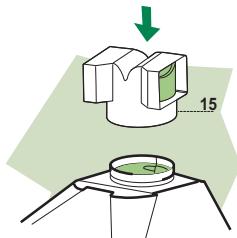
Maximum ducting distance should be 3 meters, with one 90 degree bend.

For each additional 90 degree bend, the maximum distance is reduced by 1 meter.

If the ducting is not correct it will increase noise and reduce performance.

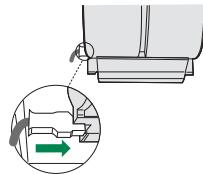
## RECIRCULATION VERSION AIR OUTLET

- Push fit the air outlet fitting **15** onto the air outlet of the hood body.
- Ensure that the activated charcoal filters have been inserted.



## ELECTRICAL CONNECTION

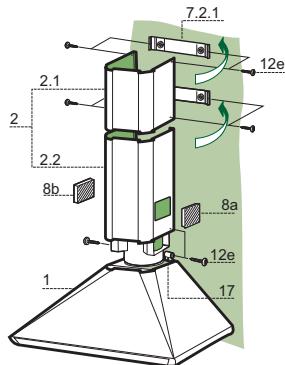
- Connect the hood to the mains through a two-pole switch having a contact gap of at least 3 mm.
- Remove the grease filters (see paragraph Maintenance) being sure that the connector of the feeding cable is correctly inserted in the socket placed on the side of the fan.



## Chimney assembly

### Upper chimney section

- Slightly widen the two sides of the upper chimney and hook them behind the brackets **7.2.1**, making sure that they are properly housed.
- Secure the sides to the brackets using the 4 screws **12e** (2,9 x 9,5) supplied.

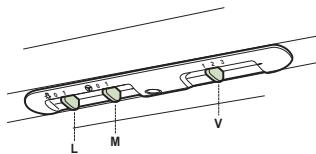


### Lower exhaust flue

- Insert the lower flue fixing bush **17** in the top of the hood body and rotate it 90° clockwise as far as it will go.
- Slightly widen the two sides of the chimney and hook them between the upper chimney section and the wall, making sure that they are properly housed.
- Secure the sides of the bottom section to the bushes provided using the 2 screws **12c** (2,9 x 9,5) supplied.
- On the recirculation version, fit the directional grids **8a** – **8b** in their housings making sure that the directional symbols are towards the top and front of the hood. Also make sure that they are correctly inserted in the outlet connection piece **15**.

# USE

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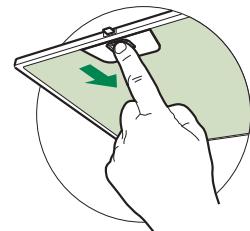
<b>L</b>	Light	Switches the lighting system on and off
<b>M</b>	Motor	Switches the extractor motor on and off
<b>V</b>	Speed	<p>Sets the operating speed of the extractor:</p> <ol style="list-style-type: none"><li>1. Low speed, used for a continuous and silent air change in the presence of light cooking vapour.</li><li>2. Medium speed, suitable for most operating conditions given the optimum treated air flow/noise level ratio.</li><li>3. Maximum speed, used for eliminating the highest cooking vapour emission, including long periods.</li></ol>

# MAINTENANCE

## Grease filters

### CLEANING METAL SELF- SUPPORTING GREASE FILTERS

- The filters must be cleaned every 2 months of operation, or more frequently for particularly heavy usage, and can be washed in a dishwasher.
- Remove the filters one at a time by pushing them towards the back of the group and pulling down at the same time.
- Wash the filters, taking care not to bend them. Allow them to dry before refitting.
- When refitting the filters, make sure that the handle is visible on the outside.

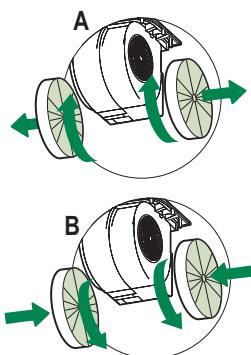


### Activated charcoal filter (Recirculation version)

These filters are not washable and cannot be regenerated, and must be replaced approximately every 4 months of operation, or more frequently with heavy usage.

### REPLACING THE ACTIVATED CHARCOAL FILTER

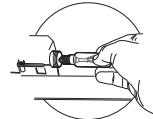
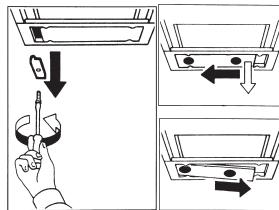
- Remove the metal grease filters
- Remove the saturated activated charcoal filter as shown (A).
- Fit the new filters (B).
- Replace the metal grease filters.



## Lighting

### LIGHT REPLACEMENT

- Remove the screw fixing the Lighting support.
- Pull the Lighting support down.
- Extract the lamp and replace with another of the same type.
- Replace the lighting support in reverse order.



Lamp	Power (W)	Socket	Voltage (V)	Dimension (mm)	ILCOS Code
	4	E14	220-240	107 x 37	DRBB/F-4-220-240-E14-35/100
	5	GU10	230	52 x 50	DRPAR-5/840-220/240-GU10-35/36 DRPAR-5/830-220/240-GU10-35/36







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