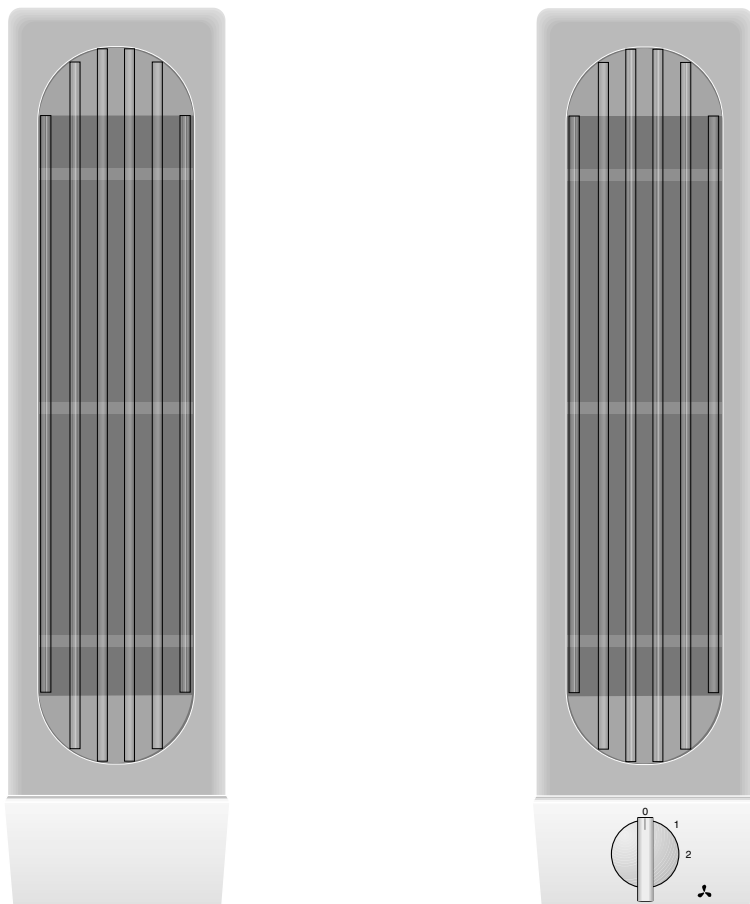


Operating and assembly instructions

VL 040/041-707

Hob ventilator



GAGGENAU

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Preface

VL 041-707

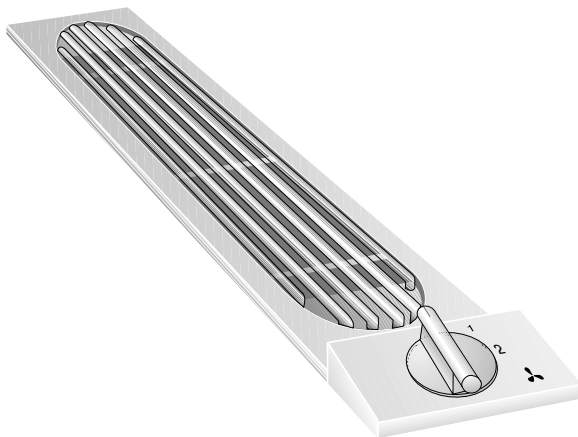


Fig. 1

VL 040-707



Fig. 2

With your new hob ventilator, working in the kitchen will be even more fun.

The appliance offers you the following **advantages:**

- Kitchen vapours and fats are sucked away directly where they arise.
- One-hand operation ensures high operating convenience.

To ensure that you will be able to use this appliance in all its diversity, read through the operating and assembly instructions conscientiously **before operating it for the first time**. The instructions contain important notes on use, installation and maintenance of the appliance.

On the following page you will find **important notes on safety and operation**. These will serve to ensure your personal safety and the lasting value of your appliance.

You will find notes on Page 3 that you ought to observe **before operating the appliance for the first time**.

Tips and hints in the chapter entitled **"Cleaning and care"** will make sure that your appliance will stay operable and beautiful for a long time.

And now we wish you lots of fun with your new hob ventilator.

Safety notes

Read And Save These Instructions.

WARNING - TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

- a.) Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer.
- b.) Before servicing or cleaning unit, switch power off at service panel and lock the service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

CAUTION:

FOR GENERAL VENTILATION USE ONLY. DO NOT USE TO EXHAUST HAZARDOUS OR EXPLOSIVE MATERIALS AND VAPORS.

WARNING - TO REDUCE THE RISK OF A RANGE TOP GREASE FIRE.

- a.) Never leave surface units unattended at high settings. Boilovers cause smoking and greasy spillovers that may ignite. Heat oils slowly on low or medium settings.
- b.) Always turn hood ON when cooking at high heat or when cooking flaming foods.
- c.) Clean ventilating fans frequently. Grease should not be allowed to accumulate on fan or filter.
- d.) Use proper pan size. Always use cookware appropriate for the size of the surface element.

WARNING - TO REDUCE THE RISK OF INJURY TO PERSONS IN THE EVENT OF A RANGE TOP GREASE FIRE, OBSERVE THE FOLLOWING:

- a.) SMOTHER FLAMES with a close-fitting lid, cookie sheet, or metal tray, then turn off the burner. BE CAREFUL TO PREVENT BURNS. If the flames do not go out immediately, EVACUATE AND CALL THE FIRE DEPARTMENT.
- b.) NEVER PICK UP A FLAMING PAN - You may be burned.
- c.) DO NOT USE WATER, including wet dishcloth or towels - a violent steam explosion will result.
- d.) Use an extinguisher ONLY if:
 - 1. You know you have Class ABC extinguisher, and you already know how to operate it.
 - 2. The fire is small and contained in the area where it started.
 - 3. The fire department is being called.
 - 4. You can fight the fire with your back to an exit.

1. Important notes

1.1 For your safety

Damaged appliances must not be operated.

The appliance must only be connected by an authorised specialist, paying attention to the relevant regulations of the power supply companies and the regional construction regulations.

Also observe the assembly instructions!

Connecting cables must not come into contact with hot cooking surfaces.

Hazardous or explosive substances and vapours must not be extracted!

The user is responsible for expert use and the perfect condition of the appliance.

Never operate the appliance without a grease filter.

Only ever operate the appliance under supervision. The appliance is intended solely for use in the household and must not be put to any other uses.

Caution! Over-greased filters are a fire risk! Only ever deep-fry next to the appliance under constant supervision. Pay attention to cleaning the grease filter on a regular basis.

Do not clean the appliance with a steam cleaning apparatus or with water pressure because this poses a risk of short-circuits.

Isolate the appliance from the mains during every maintenance operation. To do this, remove the mains plug or actuate the corresponding fuse. If the mains plug is not accessible, the appliance must be deenergised by means of the domestic installation fuse.

In the event of **malfunctions**, first of all check the household fuses. If the malfunction has nothing to do with the power supply, please contact your specialist dealer or your responsible Gaggenau after-sales service. Repairs must be carried out by authorised specialists, thus ensuring electrical safety.

No warranty claims can be lodged in the event of damage caused by failure to observe these instructions.

Fire risk! It is not permitted to flambé meals next to a hob ventilator that is in operation.

If you have installed the hob extractors VL 040/041 next to a gas appliance, each has to be fitted with an air baffle LS 041 while cooking. The air baffle not only improves the air flow of the extractor next to a gas appliance, but also prevents a flame which has been set to a low level from being extinguished.

You may only ever use a grill or a deep fryer at the same time as the hob ventilator if it is under constant supervision.

This will involve a fire risk!

Do not place any objects on the appliance; this will have a detrimental effect on functioning.

Technical modifications reserved.

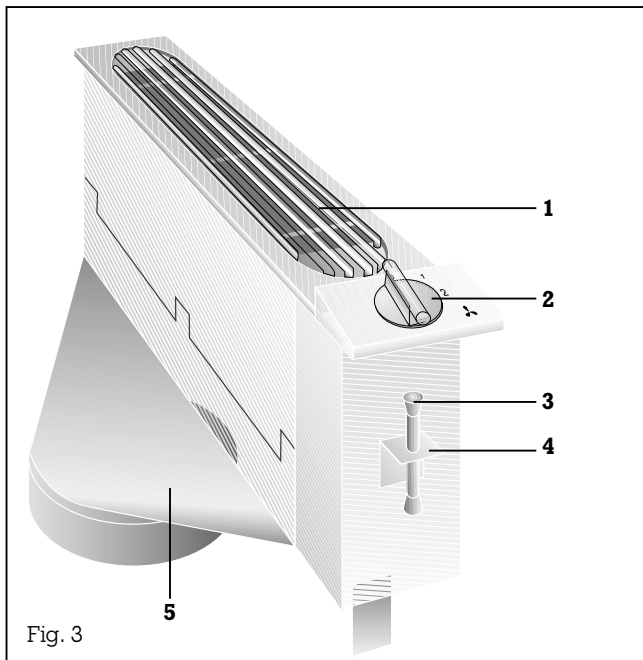
1.2 Operating for the first time

Before operating the appliance for the first time, please pay attention to the following notes:

- **Conscientiously read through** the operating and assembly instructions before operating the appliance for the first time.
- **The rating plate** for this appliance is included with the instructions on a separate sheet. Store the rating plate in the same location as your operating and assembly instructions. You need the rating plate for possible damage and warranty cases.
- **Remove the packaging** from the appliance and dispose of it properly. Pay attention to the fact that there are accessories in the packaging. Keep packaging elements out of the reach of children!
- **Thoroughly clean the appliance** before using it for the first time. (see chapter entitled "Cleaning and care")
- **Before operating the appliance** for the first time, check that the mains connection is in proper working order.

2. Structure and operating principle

2.1 Structure of the appliance



- 1 Ventilation grille
- 2 Control knob (VL 041-707 only)
- 3 Clamping screw
- 4 Retaining bracket
- 5 Suction extraction connection

2.2 Accessories



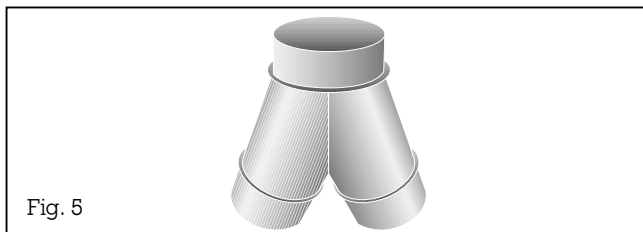
Special accessories:

AS 070-000: connection piece for extension during assembly (fig. 4)

VV 200-000: connecting trim

RV 050-150: bifurcated pipe for joining 2 x DN 125 into DN 150 (fig. 5)

LS 041-000: air baffle

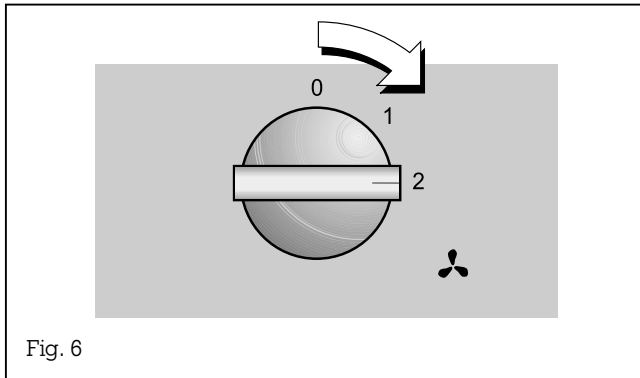


3. Operation

Note:

VL 040 can only be operated in combination with VL 041 or VL 051. All operator inputs apply to both hob ventilators. That is to say: if you set the control knob to level 1, both hob ventilators are operated at level 1.

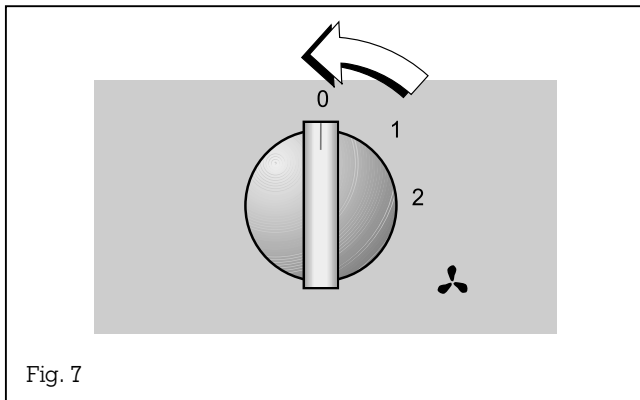
Switching on



Switching on

Turn the control knob to the right to the position you require (0-2).

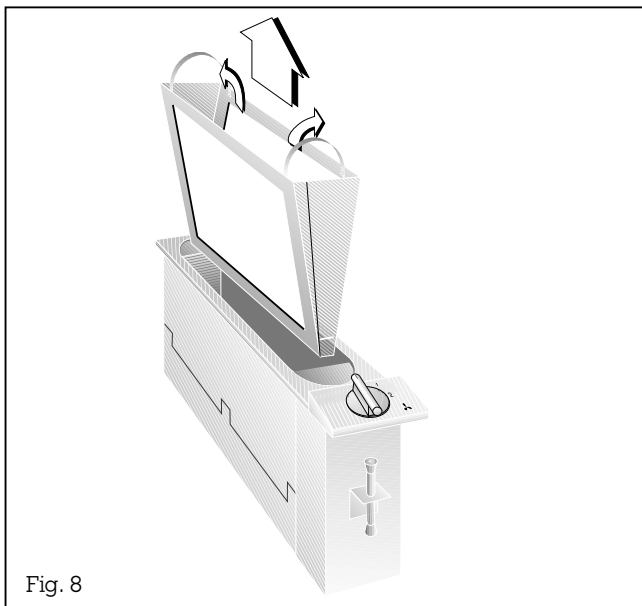
Switching off



Switching off

Turn the control knob to the left to the 0 position.

4. Cleaning and care



The **grease filters** must be cleaned on a regular basis (at the latest after 30 hours of operation).
Overgreased filters are a fire risk!

Caution:

Avoid sharp and caustic cleaning agents as well as brushes and abrasive cleaners.

The stainless steel frontages must only be cleaned with a soft cloth.

Do not use any abrasive sponges either. Use commercially available window cleaner and apply it to a soft, moist cloth. Do not spray it onto the switch panel.

Clean the **ventilation grille** with a moist cloth and detergent solution. You should not clean the ventilation grille in a dishwasher because spots may appear on the ventilation grille.

Grease filter cleaning

You can clean the metal grease filters in a dishwasher at a maximum temperature of 65°C / 150°F. Place the grease filter in the dishwasher with the opening pointing down to ensure that no food remainders will stay on it.

Proceed as follows: (fig. 8)

- Detach the ventilation grille.
 - Turn up the two retaining wires and detach the grease filter from the appliance.
- Insert in the reverse order.

5. Maintenance

The appliance must be disconnected from the power supply during all repair work.

If the appliance does not function correctly, check the fuses first.

If the power supply is functioning correctly, but your appliance still does not work, please contact your **Gaggenau dealer** who will provide you with the address and telephone number of your nearest manufacturer's authorized service agent or contact **Gaggenau USA on (800) 828-9165**. Specify the appliance type (see rating plate).

Repairs must only be carried out by **authorised specialists**, thus ensuring the safety of the appliance. Improper tampering will render all warranty claims null and void.

6. Assembly instructions

6.1 Technical data

Rating: 120V 60Hz
Weight: 3.9 kg
Power consumption with GB 031: 250W
Technical modifications reserved.

VL 041-707	/01	FD xxxx	xxxxxx
AC 120V / 60Hz	max 500W	2.2A	

6.2 How to do it

WARNING - TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

- a.) Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction.
- b.) Sufficient air is needed for proper combustion and exhausting of gases through the flue (chimney) of fuel burning equipment to prevent back drafting. Follow the heating equipment manufacturer's guideline and safety standards such as those published by the National Fire Protection Association (NFPA), and the American Society for Heating, Refrigeration and Air Conditioning (ASHRAE), and the local code authorities.
- c.) When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
- d.) Ducted fans must always be vented to the outdoors.
- e.) If this unit is to be installed over a tub or shower, it must be marked as appropriate for the application and be connected to a GFCI (Ground Fault Circuit Interrupter) - protected branch circuit.
- f.) NEVER place a switch where it can be reached from a tub or shower.

WARNING:

To reduce the risk of fire, use only metal ductwork.

The appliance must only be connected by an **authorised specialist**. The specialist is responsible for perfect functioning of the appliance at its installation location. He must explain the operating principle of the appliance to the user with reference to the operating instructions. He must explain to the user how the appliance can be isolated from the mains whenever required.

The exhaust air can be routed into a ventilation shaft or directly into the open through the outside wall. Adequate incoming air must be ensured whenever the hob ventilator is operated in the exhaust air mode and firing systems dependent on a chimney are operated at the same time.

It is not allowed to pass the exhaust air into a flue or exhaust air chimney that is in operation or into a shaft that is linked to the heating basement. Consult the chimney sweep responsible for your district whenever you wish to pass the exhaust air into a chimney that is not in operation.

Adequate incoming air must be ensured if a wood, coal, gas or oil heater or an open hearth is operated in the same room as the one in which the wall hood is installed.

Adequate ventilation of the room must be ensured whenever a hob ventilator is operated simultaneously with devices that are operated with non-electrical energy. Official regulations must be observed with regard to removal of the exhaust air.

The applicable regulations of the power supply companies and the regional construction regulations must be observed when installing the hob ventilator.

The lateral distance from the appliance installed next to it must amount to 8 mm.

Safe operation is possible whenever the partial vacuum in the place where the firing equipment is installed does not exceed 4 Pa (0.04 mbar). This can be achieved whenever the air needed for combustion is able to enter through openings that

cannot be sealed, for example in doors, windows, incoming/exhaust air wall boxes or other technical means.

Flexible aluminium pipes, corrosion-protected sheet metal pipes and exhaust air pipes whose material conforms to fire B1 in accordance with DIN 4102 can be used. Exhaust air pipes should have a nominal diameter of 125 mm.

After installation, plug the connecting cable plug in an accessible socket. If the plug can no longer be removed after installation, isolation of all poles from the mains must be ensured by means of an accessible isolator with a contact spacing of at least 3 mm.

If two Vario appliances are used, the hob ventilator must be installed between the appliances. If 4-plate hobs are used, it is recommended to place two ventilation devices to the left and right of the hob. Owing to the high air output, an adequate supply of air is required. If you have installed the hob extractors VL 040/041 next to a gas appliance, each has to be fitted with an air baffle LS 041 while cooking.

To prevent the ingress of water, e.g. condensate or rain water from an uncovered exhaust air shaft, our condensate separator RV 050-150 must be installed in the proximity of the hob ventilator. The condensate separator must still be accessible after installation.

Electrical connection

Pay attention to the rating plate data.

If damaged, the mains cable must be replaced by a special mains connecting cable. The mains connecting cable must only be connected by the manufacturer or the manufacturer's after-sales service.

When connecting the power supply cord to the receptacle located below the cooktop surface, the cord is to be:

- Routed beneath the appliance; and
- Routed away from heat generated by the cooktop.

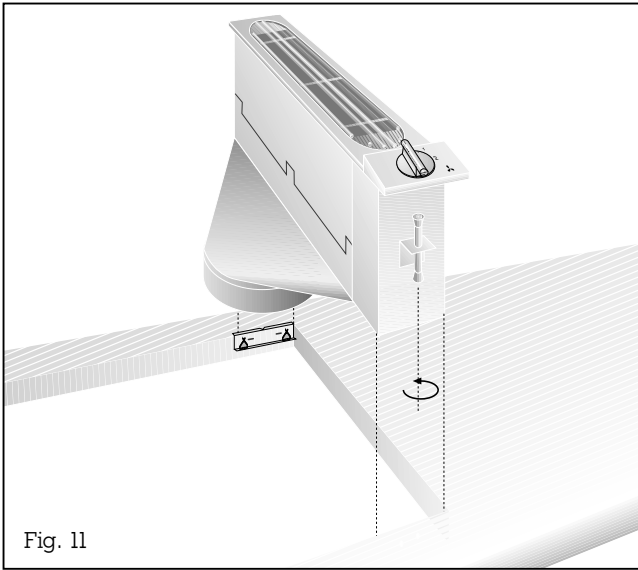


Fig. 11

- **Lower the appliance into the worktop.** Make sure that the engaging lugs on the appliance lie exactly on the clamping springs. Press the appliance firmly into the worktop. The engaging lugs on the appliance "snap" into the clamping springs.
- **Screw the included screw** from below into the hooked-in retaining bracket (fig. 11). Fit the cap onto the top of the screw.
- **Fully screw in the screw.**
- Connect the hob ventilator to the fan module by means of the 4-pole plug.

Pay particular attention to ensuring that

- the exhaust air ducts are kept as short as possible
- the pipes are not laid at an acute angle, but as bends and that they are inserted into the shaft at an inclined upward angle and
- there are no cross-sectional constrictions in the upward direction (this reduces the volume flow).

We recommend the use of our telescopic wall box TM 180-043 to route exhaust air through the outside wall.

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