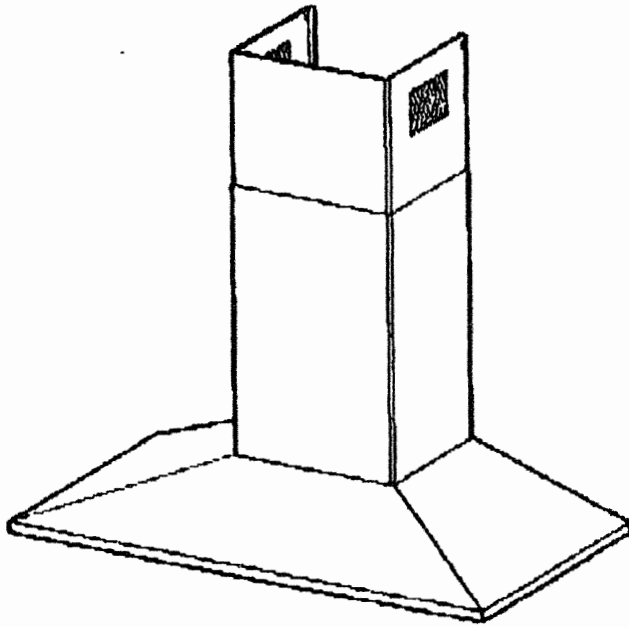


 **Instructions Booklet**



KD 12250.0

Küppersbusch
ALLERBESTE KUCHENTECHNIK

READ AND SAVE THESE INSTRUCTIONS

The installer must leave these instructions with the homeowner.

The homeowner must keep these instructions for future reference and for local electrical inspectors' use.

READ THESE INSTRUCTIONS BEFORE YOU START INSTALLING THIS RANGEHOOD

WARNING: - TO REDUCE THE RISK OF A RANGE TOP GREASE FIRE: Never leave surface units unattended at high settings. Boilovers cause smoking and greasy spillovers that may ignite. Heat oils slowly on low or medium setting. Always turn hood ON when cooking at high heat or when cooking flaming foods. Clean ventilating fans frequently. Grease should not be allowed to accumulate on fan or filter. 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: SMOTHER FLAMES with a loose-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. NEVER PICK UP A FLAMING PAN** - You may be burned. **DO NOT USE WATER**, including wet dishcloths or towels - a violent steam explosion will result. Use an extinguisher **ONLY** if: 1. You know you have a 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.

ALL WALL AND FLOOR OPENINGS WHERE THE RANGEHOOD IS INSTALLED MUST BE SEALED.

This rangehood requires at least 24" of clearance between the bottom of the rangehood and the cooking surface or countertop. This minimum clearance may be higher depending on local building code. For example, for gas ranges, a minimum of 30" may be required. The maximum depth of overhead cabinets is 13". Overhead cabinets on both sides of this unit must be a minimum of 18" above the cooking surface or countertop. Consult the cooktop or range installation instructions given by the manufacturer before making any cutouts. **MOBILE HOME INSTALLATION.** The installation of this rangehood must conform to the Manufactured Home Construction and Safety Standards, Title 24 CFR, Part 3280 (formerly Federal Standard for Mobile Home Construction and Safety, Title 24, HUD, Part 280). Four wire power supply must be used and the appliance wiring must be revised. See Electrical Requirements.

VENTING REQUIREMENTS

Determine which venting method is best for your application. Ductwork can extend either through the wall or the roof. The length of the ductwork and the number of elbows should be kept to a minimum to provide efficient performance. The size of the ductwork should be uniform. Do not install two elbows together. Use duct tape to seal all joints in the ductwork system. Use caulking to seal exterior wall or floor opening around the cap.

Flexible ductwork is not recommended. Flexible ductwork creates back pressure and air turbulence that greatly reduces performance.

Make sure there is proper clearance within the wall or floor for exhaust duct before making cutouts. Do not cut a joist or stud unless absolutely necessary. If a joist or stud must be cut, then a supporting frame must be constructed.

WARNING - To Reduce The Risk Of Fire, Use Only Metal Ductwork.

Done By Qualified Person(s) In Accordance With All Applicable Codes And Standards, Including Fire-Rated Construction.

Sufficient air is needed for proper combustion and exhausting of gases through the flue (chimney) of fuel burning equipment to prevent backdrafting. 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 Engineers (ASHRAE), and the local code authorities.

~~When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.~~

Ducted fans must always be vented to the outdoors.

WARNING

- Electrical ground is required on this rangehood.
- If cold water pipe is interrupted by plastic, nonmetallic gaskets or other materials, DO NOT use for grounding.
- DO NOT ground to a gas pipe.
- DO NOT have a fuse in the neutral or grounding circuit. A fuse in the neutral or grounding circuit could result in electrical shock.
- Check with a qualified electrician if you are in doubt as to whether the rangehood is properly grounded.
- Failure to follow electrical requirements may result in a fire.

WARNING

- Venting system **MUST** terminate outside the home.
- **DO NOT** terminate the ductwork in an attic or other enclosed space.
- **DO NOT** use 4" laundry-type wall caps.
- Flexible-type ductwork is not recommended.
- **DO NOT** obstruct the flow of combustion and ventilation air.
- Failure to follow venting requirements may result in a fire.

ELECTRICAL REQUIREMENTS

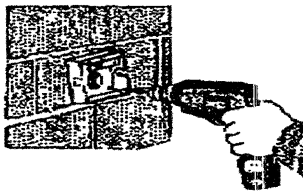
A 115V, 60 Hz AC-only electrical supply is required on a separate 15 amp fused circuit. A 15 amp fuse or circuit breaker is recommended. The fuse must be sized per local codes and in accordance with the electrical rating of this unit as specified on the serial/rating plate on the side of the unit near the field wiring compartment. **THIS UNIT MUST BE CONNECTED TO THE NEAREST NEUTRAL WIRE**

Wire sizes must conform to the requirements of the National Electrical Code, ANSI/NFPA 70E - latest edition, and all local codes and ordinances. Wire size and connections must conform with the rating of the appliance. Copies of the standard listed above may be obtained from:

National Fire Protection Association
Batterymarch Park
Quincy, Massachusetts 02269

The appliance should be connected directly to the fused disconnect (or circuit breaker) using flexible, armored or nonmetallic sheathed copper cable. Allow some slack in the cable so the appliance can be moved if servicing is ever necessary. A UL Listed, 1/2" diameter disconnect must be provided at each end of the power supply cable (at the appliance and at the junction box).

When making the electrical connection, cut a 1 1/4" hole in the wall. The hole cut through wood must be sanded until smooth. A hole cut through metal must have a grommet. The junction box must be secured to the wall. (see picture)



WARNING - TO REDUCE THE RISK OF FIRE OR ELECTRICAL SHOCK, DO NOT use this fan with any solid-state speed control device.

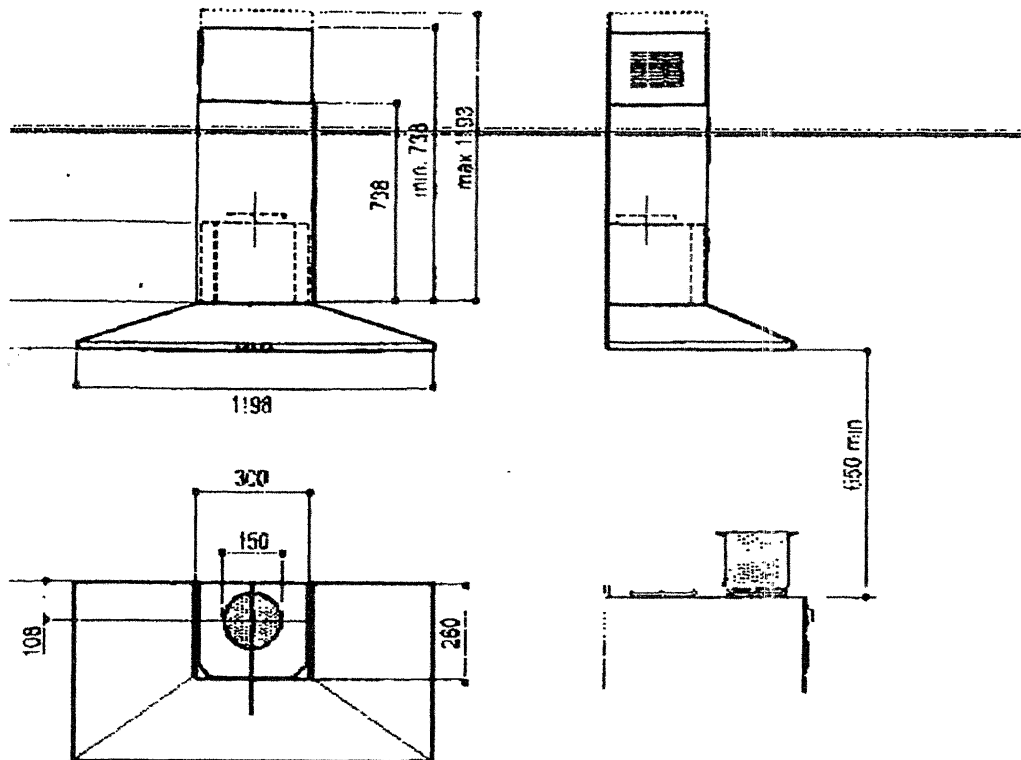
WARNING - TO REDUCE THE RISK OF FIRE, ELECTRICAL SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING: Use this unit only in the manner intended by the manufacturer. If you have any questions, contact the manufacturer.

When servicing or cleaning unit, switch power off at service panel and lock the service panel. Locking means to prevent power from being switched on accidentally. When the locking means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

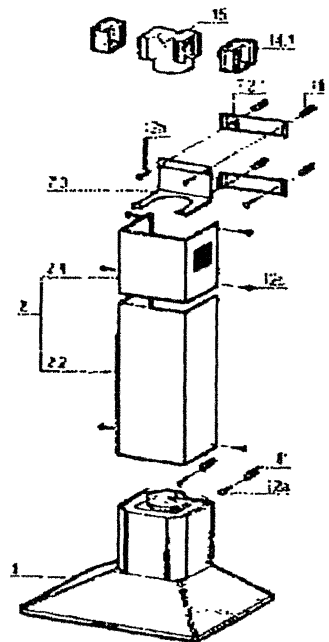
For General Ventilating Use Only. Do Not Use To Exhaust Hazardous or Explosive Gases and Vapors.

WARNING - TO REDUCE THE RISK OF FIRE, ELECTRICAL SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING: Installation Work And Electrical Wiring Must Be Done In Accordance With The National Electrical Code, ANSI/NFPA 70E - latest edition, and all local codes and ordinances.

Dimensions



Components



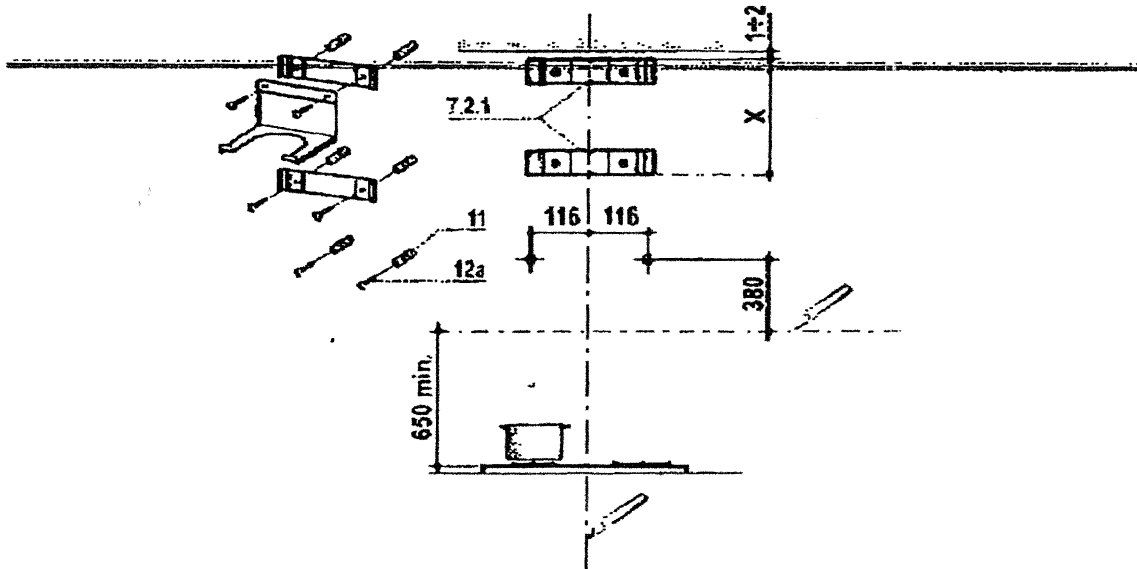
Ref.	Qty	Product Components
1	1	Head Body, complete with: Controls, Light, Blower, Filters
2	1	Telescopic Chimney comprising:
2.1	1	Upper Section
2.2	1	Lower Section
14.1	2	Air Outlet Connection Extension
15	1	Air Outlet Connection

Ref.	Qty	Installation Components
7.2.1	2	Upper Chimney Section Fixing Brackets
7.3	1	Air Outlet Connection Support
11	6	Wall Plugs
12a	6	Screws 4.2 x 4.4
12c	6	Screws 2.9 x 9.5

Qty	Documentation
1	Instruction Manual

INSTALLATION

Wall drilling and bracket fixing

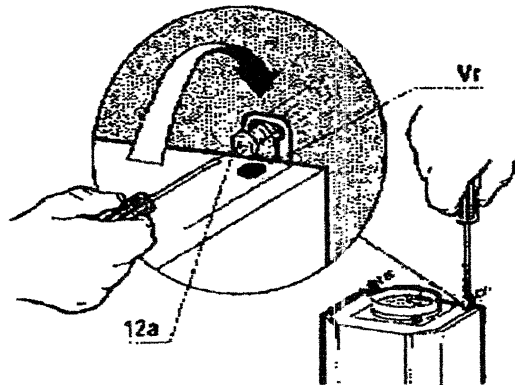


Wall marking:

- 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.
- 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.
- Mark a reference point as indicated at 116 mm from the vertical reference line and 380 mm above the horizontal reference line.
- Repeat this operation on the other side.
- Drill $\varnothing 8$ mm holes at all the centre points marked.
- Insert the wall plugs 11 in the holes.
- Fix the lower bracket 7.2.1 using the 12a screws (4,2 x 44,4) supplied.
- Fix the upper bracket 7.2.1 and the air outlet connection support 7.3 together using the 3 screws 12a (4,2 x 44,4) supplied.
- Insert the two screws 12a (4,2 x 44,4) supplied in the hood body fixing holes, leaving a gap of 5-6 mm between the wall and the head of the screw.

Mounting the hood body

- Before attaching the hood body, tighten the two screws **Vr** located on the hood body mounting points.
- Hook the hood body onto the screws **12a** (4,2 x 44,4).
- Fully tighten support screws **12a** (4,2 x 44,4).
- Adjust screws **Vr** to level the hood body.

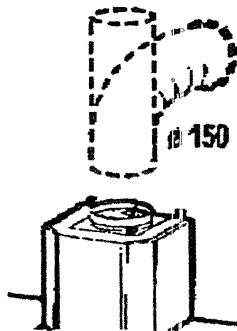


Connections

DUCTED VERSION AIR EXHAUST SYSTEM

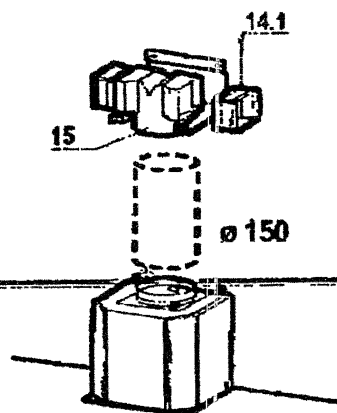
When installing the ducted version, connect the hood to the chimney using either a flexible or rigid pipe \varnothing 150 mm, the choice of which is left to the installer.

- Fix the pipe in position using sufficient pipe clamps (not supplied).
- Remove any activated charcoal filters.



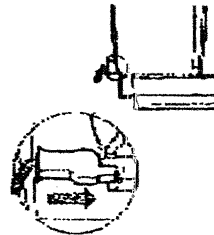
RECIRCULATION VERSION AIR OUTLET

- Put connection **15** into the connection support **7.3**.
- Insert the connection extension pieces laterally **14.1** in connection **15**.
- Make sure that the outlet of the extension pieces **14.1** is horizontally and vertically aligned with the chimney outlets.
- Connect the air outlet connection **15** to the hood body outlet using either a flexible or rigid pipe \varnothing 150 or 120 mm, the choice of which is left to the installer.
- Ensure that the activated charcoal filters have been inserted.



ELECTRICAL CONNECTION

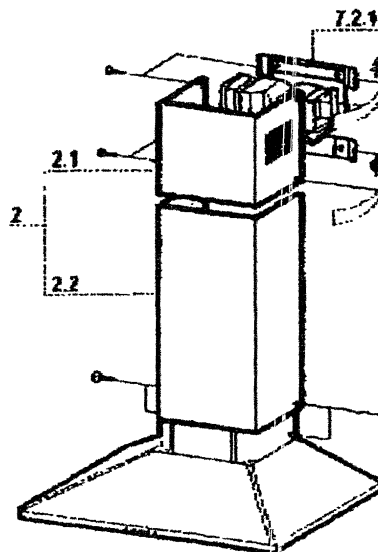
- Connect the hood to the mains through a two-pole switch having a contact gap of at least 3 mm.
- Remove the grease filters (see paragraph Maintenance) being sure that the connector of the feeding cable is correctly inserted in the socket placed on the side of the fan.



Flue assembly

Upper exhaust flue

- Slightly widen the two sides of the upper flue and hook them behind the brackets 7.2.1, making sure that they are well seated.
- Secure the sides to the brackets using the 4 screws 12c (2,9 x 9,5) supplied.
- Make sure that the outlet of the extensions pieces is aligned with the chimney outlets.

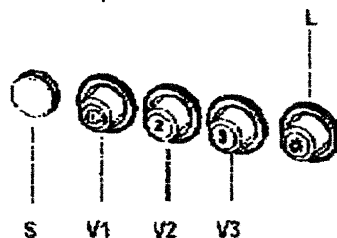


Lower exhaust flue

- Slightly widen the two sides of the flue and hook them between the upper flue and the wall, making sure that they are well seated.
- Fix the lower part laterally to the hood body using the 2 screws 12c (2,9 x 9,5) supplied.

USE

Control panel



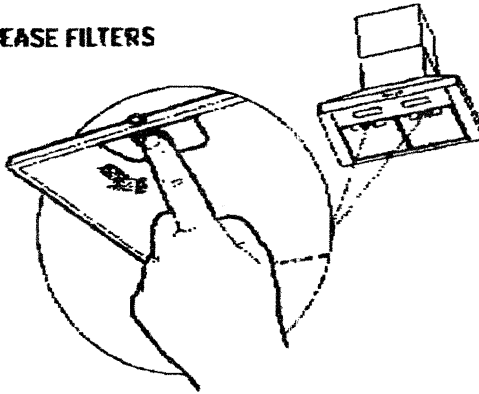
L	Light	Switches the lighting system on and off.
S	Led	Motor running led.
V1	Motor	Switches the extractor motor on and off at low speed. Used to provide a soft and silent air change in the presence of light cooking vapours.
V2	Speed	Medium speed, suitable for most operating conditions given the optimum air flow/noise level ratio.
V3	Speed	Maximum speed, used for eliminating the highest cooking vapour emi

MAINTENANCE

Grease filters

CLEANING METAL GREASE FILTERS

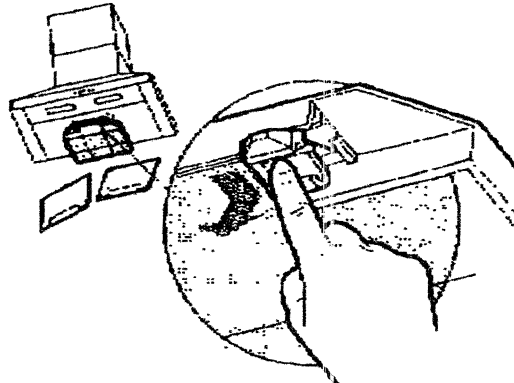
- The filters must be cleaned every 2 months of operation, or more frequently for particularly heavy usage, and can be washed in a dishwasher.
- Remove the filters one at a time by pushing them towards the back of the group and pulling down at the same time.
- Wash the filters, taking care not to bend 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)

REPLACING THE ACTIVATED CHARCOAL FILTER

- The filter is not washable and cannot be regenerated. It must be replaced approximately every 4 months of operation, or more frequently for particularly heavy usage.
- Remove the metal grease filters
- Remove the saturated activated carbon filter by releasing the fixing hooks
- Fit the new filter by hooking it into its seating
- Replace the metal grease filters.

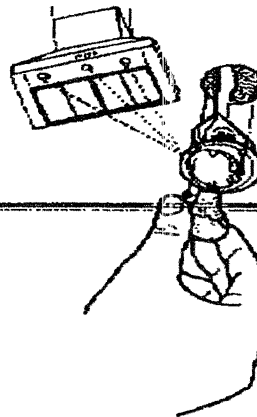


Lighting

LIGHT REPLACEMENT

20 W halogen light.

- Remove the 2 Screws fixing the Lighting support, and pull it out of from the Hood.
- Extract the Lamp from the Support.
- Replace with another of the same type, making sure that the two pins are properly inserted in the lamp holder socket holes.
- Replace the Support, fixing it in place with the two Screws removed as above.



GB Electric Diagram

