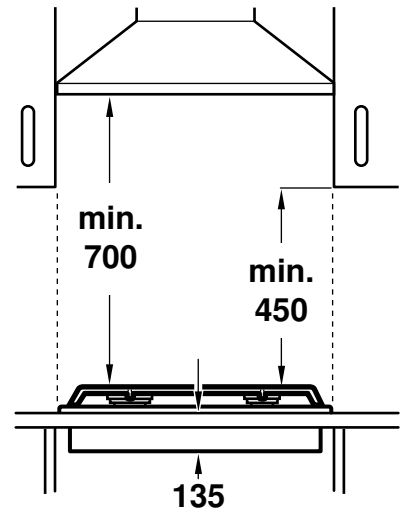
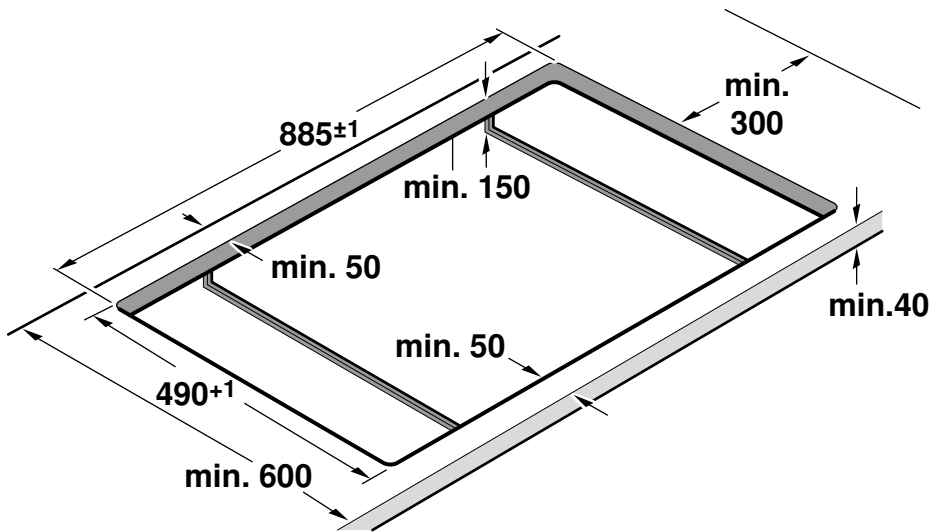
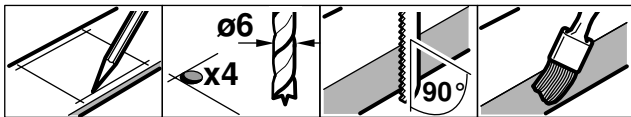
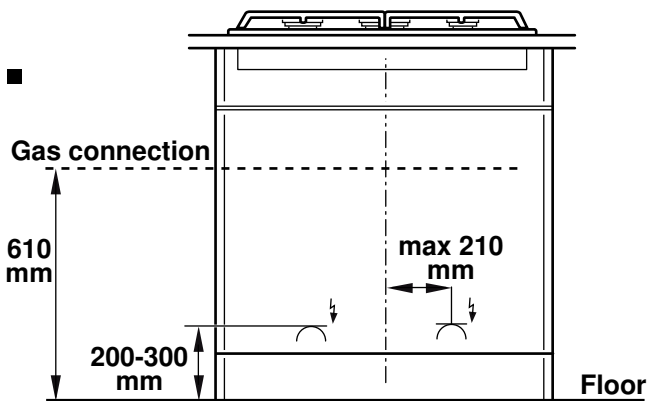


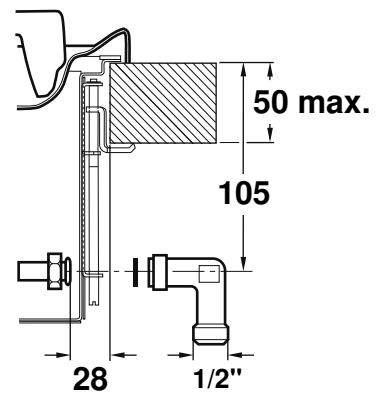
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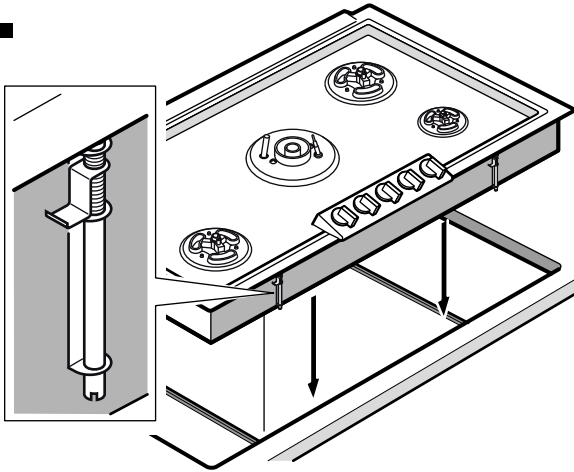
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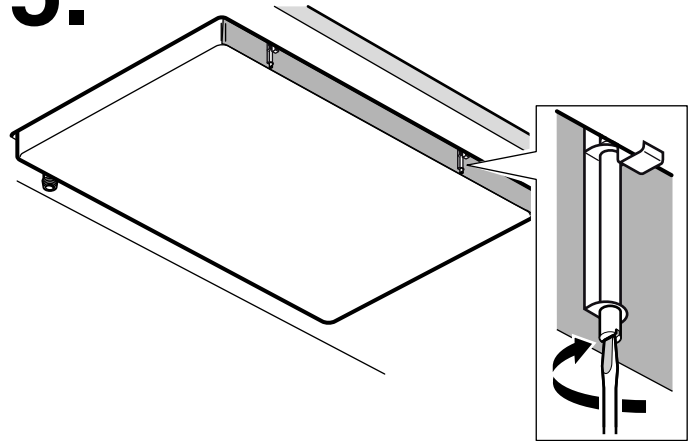
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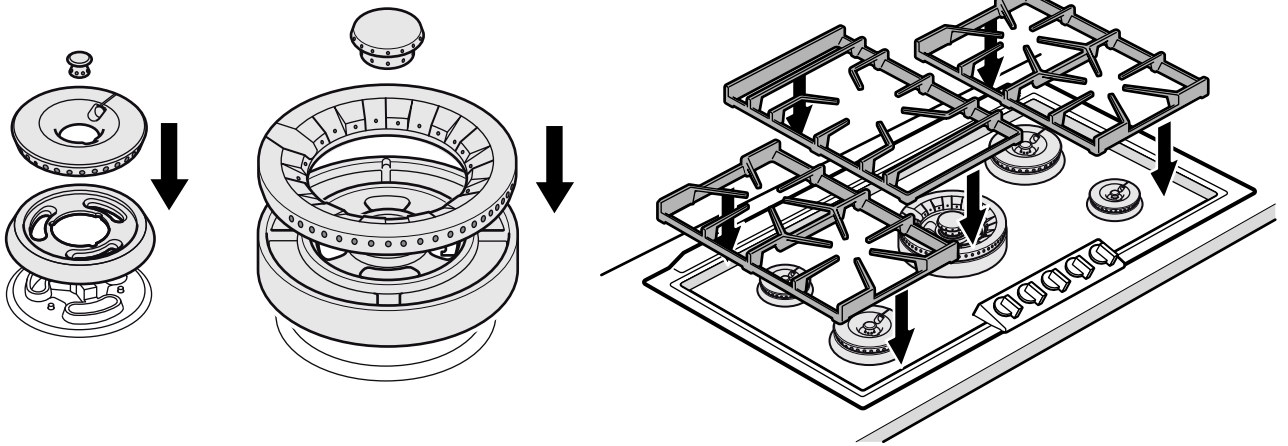
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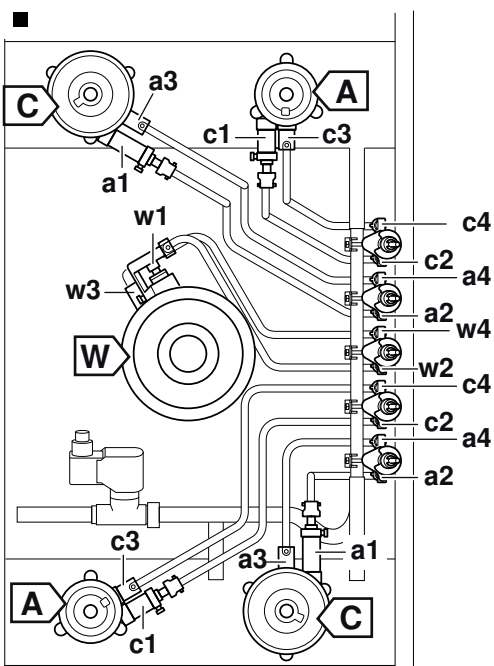
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6.



7.



A	Natural Gas N 1.0 kPA (10 mbar)		Propane Gas 2,75 kPA (27,5 mbar)	
	a1	113	68	
L1	4 mm	6 mm		
a2	57	34		
a3	42	29		
a4	42	28		
L2	open	open		

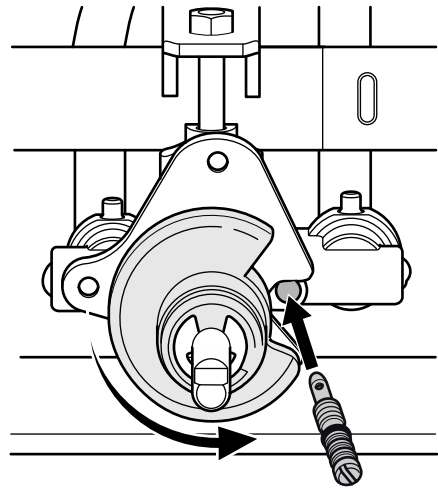
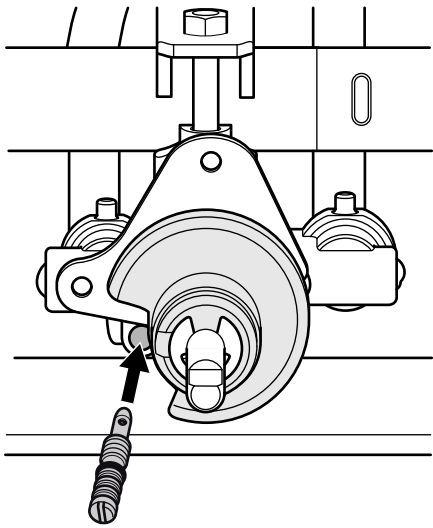
C	Natural Gas N 1.0 kPA (10 mbar)		Propane Gas 2,75 kPA (27,5 mbar)	
	c1	168	105	
L1	6 mm	2 mm		
c2	70	45		
c3	42	29		
c4	42	28		
L2	open	open		

W	Natural Gas N 1.0 kPA (10 mbar)		Propane Gas 2,75 kPA (27,5 mbar)	
	w1	195	110	
	L open	L 2mm		
w2	87	56		
w3	67	42		
w4	54	34		

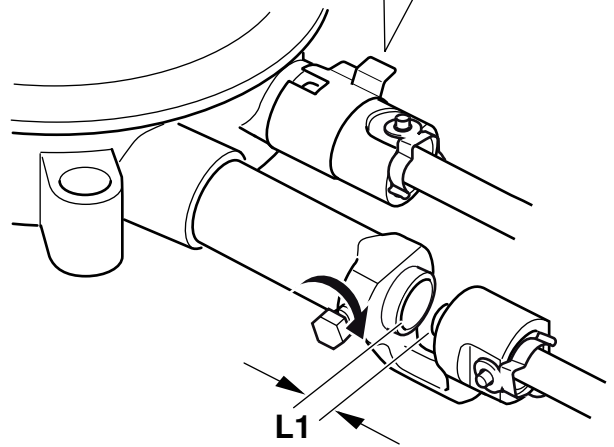
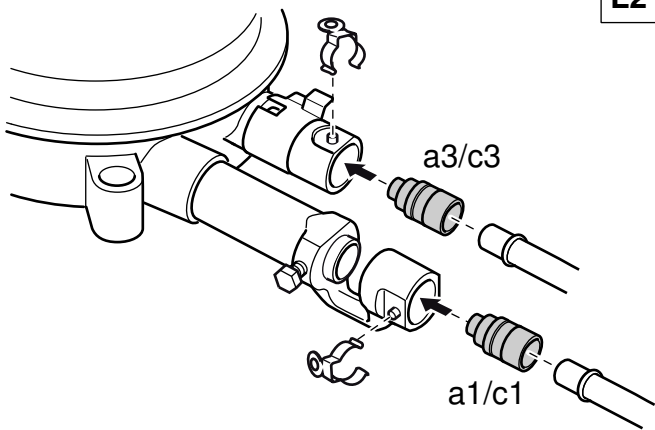
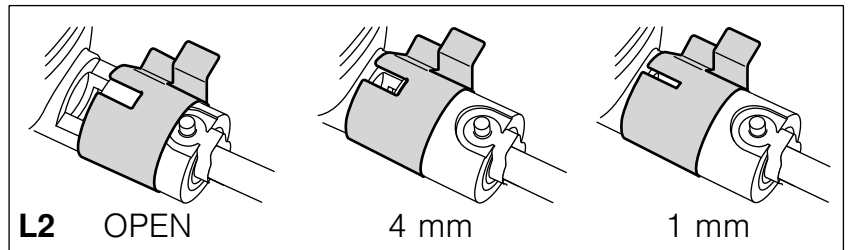
61.2 MJ (17 kW)

62.4 MJ (17.3 kW)

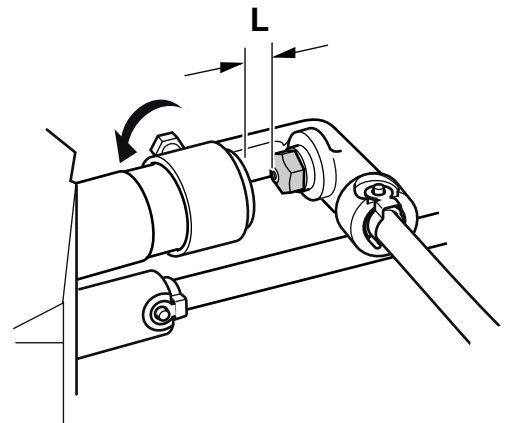
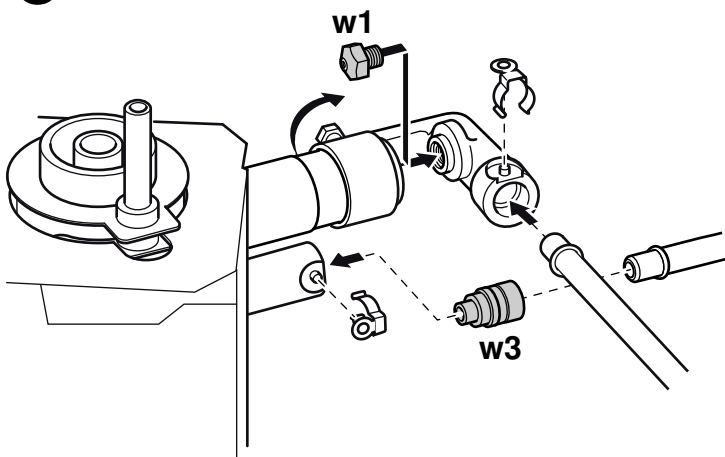
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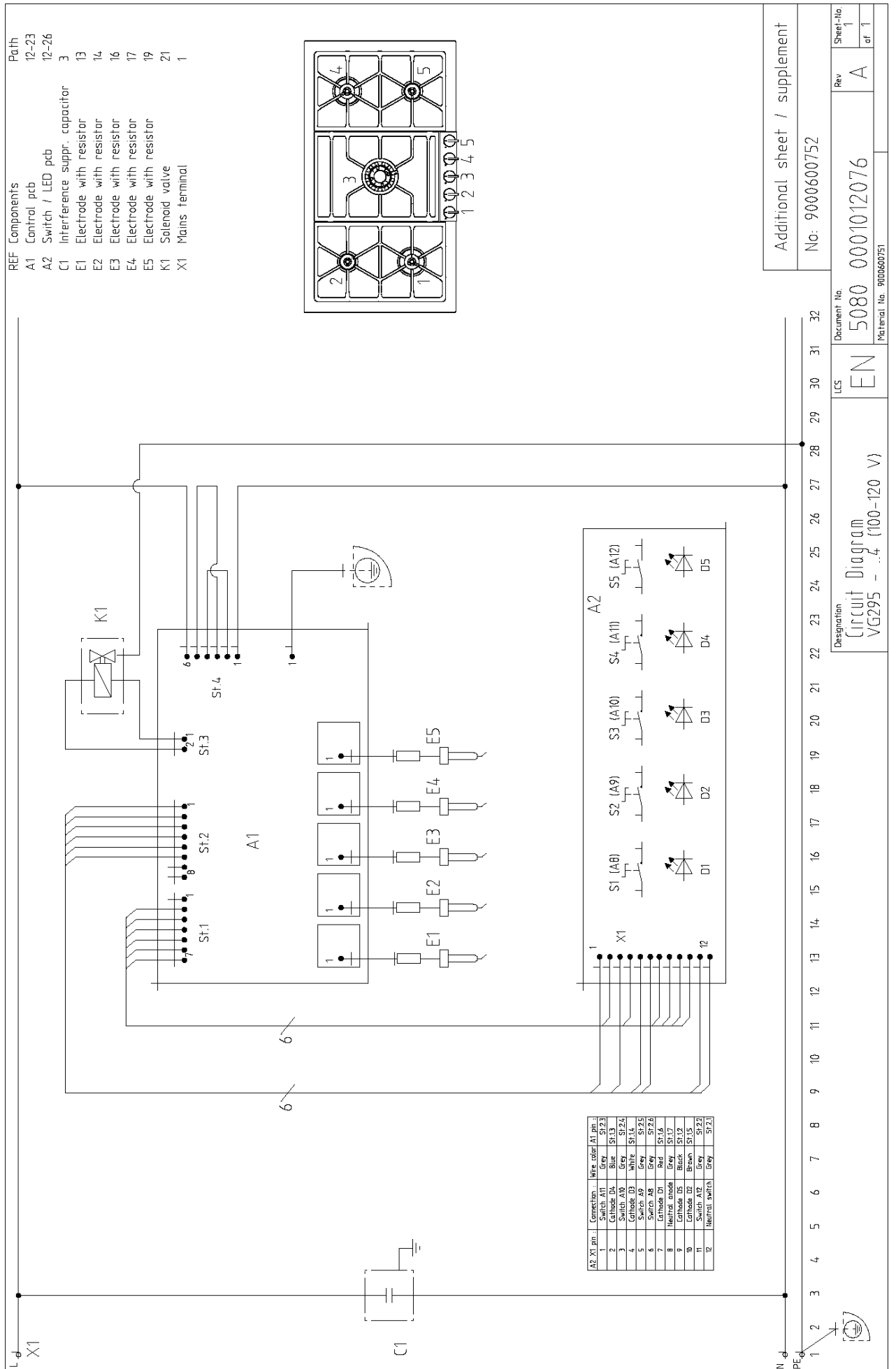
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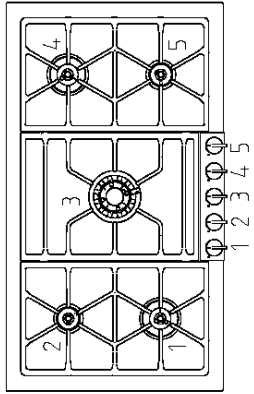
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REF	Components	Path
A1	Control pcb	12-23
A2	Switch / LED pcb	12-26
C1	Interference suppr. capacitor	3
E1	Electrode with resistor	13
E2	Electrode with resistor	14
E3	Electrode with resistor	16
E4	Electrode with resistor	17
E5	Electrode with resistor	19
K1	Solenoid valve	21
X1	Mains terminal	1



A2	X1	pin	Connection	Wire color	A1	pin
1	1	1	Switch A11	Grey	S1	23
2	2	2	Electrode D5	Blue	S1	24
3	3	3	Electrode D4	White	S1	21
4	4	4	Electrode D3	White	S1	20
5	5	5	Switch A9	Grey	S1	25
6	6	6	Switch A8	Grey	S1	26
7	7	7	Electrode D1	Red	S1	16
8	8	8	Neutral, inside	Grey	S1	17
9	9	9	Electrode D5	Black	S1	12
10	10	10	Electrode D2	Green	S1	18
11	11	11	Switch A7	Green	S1	27
12	12	12	Neutral switch	Grey	S1	21

Additional sheet / supplement
 No: 9000600752

Designation	Document No.	Rev	Sheet-No
Circuit Diagram VG295 - ..4 (100-120 V)	5080	A	1
EN	5080	A	1
LCS	5080	A	1
Material No.	9000600751		

Important notes

Read these instructions carefully and keep them in a safe place. Safety during use can only be ensured if the appliance is fitted correctly according to these installation instructions. The installer is responsible for ensuring that the appliance operates perfectly at the point of installation.

The appliance must be connected to the mains only by an authorised person.

Before carrying out any type of work, turn off the electricity and gas supply.

Statutory regulations

This appliance shall be installed in accordance with the manufacturer's installation instructions, local gas fitting regulations, municipal building codes, electrical wiring regulations and AS/NZS 5601.1 the Australian Standard for gas installations. Refer also to AS/NZS 5601.1 for pipe sizing tables.

Before connecting the appliance, please check whether the local connection conditions such as the gas type, gas pressure and mains voltage and the appliance settings are correct. Refer to the data plate located on the hob base for the necessary information. If the data plate does not agree with the appliance settings refer to SampfordIXL contact details.

For conversion to another type of gas, please call the after-sales service.

⚠ Risk of gas escape!

After connecting the appliance to the gas supply, always check the connection for leak tightness. The manufacturer accepts no responsibility for the escape of gas from a gas connection which has been previously tampered with.

Ensure sufficient air exchange in the room where the appliance is installed. Up to 11 kW total output:

- Minimum volume of the room where appliance is installed: 20 m³
- A door leading to the open air or a window which can be opened.

Up to 18 kW total output:

- Minimum volume of the room where appliance is installed: 2 m³ per kW total output.
- A door leading to the open air or a window which can be opened.
- An extraction hood into the open air. Minimum displacement volume of extraction hood: 15 m³/h per kW total output.

For this appliance: 36 m³ / approx. 270 m³/h

The plug must remain accessible after installation is complete.

Do not kink or trap the mains connection cable.

The appliance must be fitted according to the installation drawing. A minimum clearance of **300 mm** from the periphery of the burner to a rear or side horizontal combustible surface must be maintained. **If clearance is less than 300 mm** then that surface must be non-combustible or be protected in accordance with AS/NZS 5601.1 clause 6.10.1.2

Overhead clearances

Rangehoods and exhaust fans shall be installed in accordance with the manufacturers instructions. However, in no case shall the clearance between the highest part of the burner and the underside of the rangehood be less than **760 mm** or for a overhead exhaust fan, **760 mm**.

This appliance is not intended for operation with an external timer or an external remote control.

Do not install this appliance on boats or in vehicles.

Fitting the appliance

The surrounding kitchen units must be heat-resistant up to 90°C. The surrounding kitchen units must retain their stability after the cut-out work is complete.

Installation in a 90 cm wide lower cabinet is required. The cut-out in the countertop will be slightly wider than the inner width of the base cabinet.

Air intake from above. No intermediate shelf required.

Rear panel and wall trims must be heat-resistant and consist of a non-flammable material.

A minimum clearance of at least 300 mm from adjacent heatsensitive furniture or contact surfaces must be observed or thermal insulation fitted.

A minimum clearance between the individual niche of at least 50 mm is recommended when VG 295 is fitted onto other appliances in the Vario cooktops 200 series.

Cooktop clamping range: 30 - 50 mm.

1. Cut out an opening in the work surface according to the installation drawing. Check the minimum clearance from the rear wall and the sides of kitchen units. Seal the edges of the cut-out. (**fig. 1**)
2. Turn the clamp fasteners to the side. Place the gas hob into the cut-out and align it evenly.
3. Tighten all clamp fasteners evenly. Check that the whole frame lies evenly flat on the countertop. (**fig. 4**)
4. Fit the burner rings, burner lids and pan supports.
5. Connect the appliance to the gas and electricity supply. The appliance is not operable without powersupply.
6. Test the appliance for correct functioning. There might be an air pocket in the gas supply line if the appliance switches off and the indicator lights flash. Turn all control knobs off and switch on again.

Note: Fasten the hob in the work surface with all of the clamp fasteners provided. This is the only way to ensure correct installation.

Gas connection

The supply connection point shall be accessible with the appliance installed.

Using the R¹/₂" (for appliance side) connection elbow provided, connect the appliance with the associated gasket to a fixed connection pipe. For natural gas the regulator must be connected.

If using a flexible connection

This appliance is approved for connection by a CLASS B hose. Connection is in compliance with AS/NZS 5601.1

There are two ways to carry out the connection to the main gas line:

- A: The hotplate can be connected with rigid pipe.
- B: Flexible Hose: If installing with a hose assembly, install with a hose assembly that complies with AS/NZS 1869 (AGA Approved), 10 mm ID, class Bor D, no more than 1.2 m long and in accordance with AS/NZS 5601.1. Ensure that the hose does not contact the hot surfaces of the hotplate, oven, dishwasher or any other appliance that may be installed underneath or next to the hotplate. The hose should not be subjected to abrasion, kinking or permanent deformation and should be inspected along its entire length with the cooktop in the installed position. Unions compatible with the hose fittings must be used and all connections tested for gas leaks.

Before leaving - check all connections for gas leaks with soap and water. DO NOT use a naked flame for detecting leaks. Ignite all burners both individually and concurrently to ensure correct operation of gas valves, burners and ignition. Turn gas taps to low position and observe stability of the flame for each burner individually and all together.

Adhere the duplicate data plate to an accessible location near to the cook top. When satisfied with the cook top, please instruct the user on the correct method of operation. In case the appliance fails to operate correctly after all checks have been carried out, refer to the authorised service provider in your area.

Electrical connection

Check that the appliance has the same voltage and frequency as the electrical installation system.

The hob is delivered with a mains cable and 3 pin moulded plug. Only connect the appliance to sockets which have been fitted and earthed according to regulations.

The appliance corresponds to type Y: the mains connection cable must only be replaced by the after-sales service. Check the cable type and minimum cross section.

Technical data / nozzle table

Total connected load natural gas 17 kW

Total connected load bottled gas (LPG) 17.3 kW

Conversion to another type of gas

This gas hob corresponds to the categories specified on the rating plate. It is possible to convert the appliance to any of the gases listed on the plate by changing the nozzles. The modification kit can be ordered via our after-sales service. Depending on the model the parts required may be included in the scope of delivery.

The conversion must be carried out by an authorised person.

Before carrying out the conversion, turn off the electricity and gas supply.

Replacing the small control jets (fig. 8)

1. Remove the pan support and all burner parts.
2. Detach the control knob. Loosen the fastening nuts on the hob (three nuts on each burner, WAF 7) and carefully lift the hob upwards to remove it.
3. The small control jets are located in the gas valve and are screwed in from above. Turn the black plastic parts so that the opening is above the relevant jet. Unscrew the jet and remove it using small pliers.
4. Screw in the new small control jets as far as they will go in accordance with the jet table.

Replacing the main control jets for standard and high output burners (fig. 9)

1. Remove the safety clips on the burner lines. Remove the burner lines. The electrode can remain connected. Unscrew the burner (Torx T20) and remove from the burner lines.
2. Remove the jets from the burner lines by hand, remove the O-ring.
3. Check that the O-rings are positioned correctly in the new main control jets. Push the jets onto the burner lines. When doing this, do not bend the burner lines.
4. Refit the burner on the burner lines. Refit the safety clips. Screw the burners in place.
5. Adjust the air-regulating tube of the outer burner to the correct size after loosening the screw (see jet table - L1). Retighten the screw.
6. Adjust the air-regulating tube of the inner burner to the correct size by turning or moving it (see jet table - L2).

Replacing the wok burner main control jets (fig. 10)

1. Remove the safety clips on the burner lines. Remove the burner lines. Loosen the screw on the air-regulating tube. Remove the jet holder.
2. Remove the jet and the O-ring for the inner ring of the burner by hand. Unscrew the jet for the outer ring of the burner (WAF 10).
3. Check that the O-ring is positioned correctly in the new main control jet for the inner ring of the burner. Push the jet onto the burner line. Screw the new main control jet for the outer ring of the burner into the jet holder as far as it will go.
4. Refit the jet holder and the burner lines. Refit the safety clips.
5. Adjust the air-regulating tube to the correct size after loosening the screw (see jet table). Retighten the screw.
6. Replace the hob and screw it in place evenly. Refit the control knob. Replace the burner parts and the pan support, ensuring that they are positioned correctly.

If it is necessary to adjust the small control jets for different types of gas and pressures, the flow rate can be increased by turning the jets to the left.

The primary air must not be adjusted for these burners.

Checking functions after the conversion:

The flames are adjusted correctly if no yellow tips are visible and if they do not go out when switching over swiftly from the high to the low setting.

Note: stick the adhesive label included with the nozzle set over the rating plate of the appliance to document the changeover to a different gas type.

