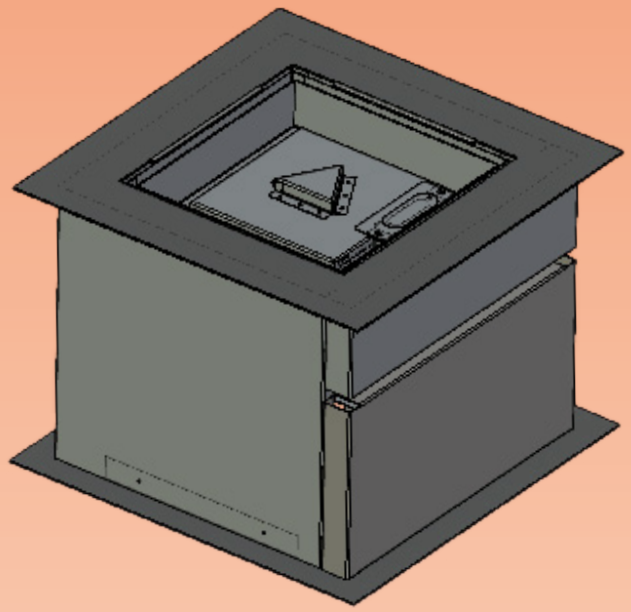
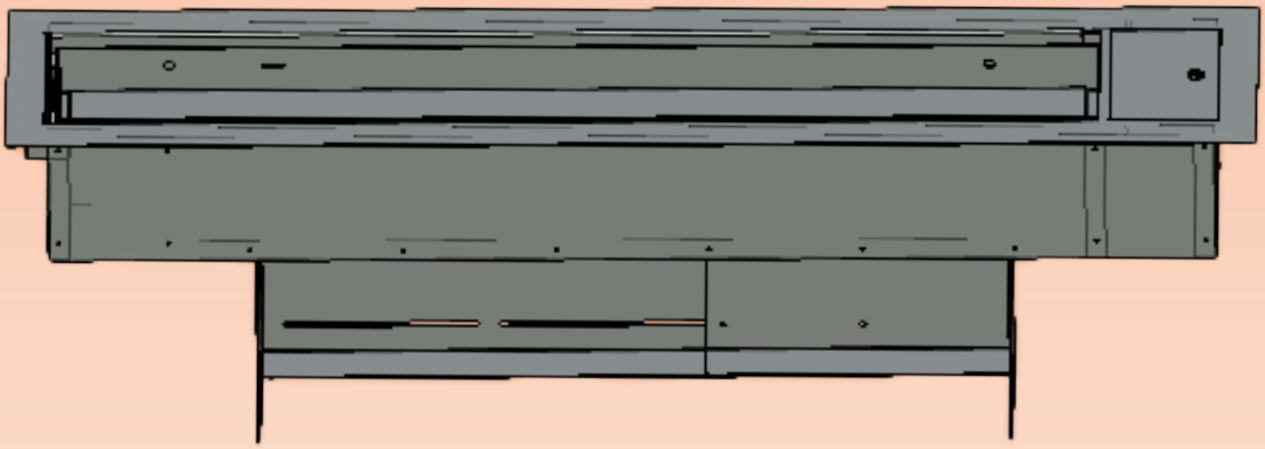
trimline
fires
outdoor





Trimline 30S Outdoor 2224
Trimline 50L Outdoor 2228
Trimline 75L Outdoor 2224
Trimline 100L Outdoor 2230

INSTALLATION INSTRUCTIONS

For other languages, download the manual, open it in Acrobat Reader and choose the desired language with the buttons on the bottom side of this page.

GBR

GBR NLD

CONTENTS

thermoCet International B.V.
Laagerfseweg 27
3931 PC Woudenberg
The Netherlands
www.trimlinefires.com

V041224-TG

1 INSTALLATION INSTRUCTIONS

NOTE

1 The installation should be performed only by an authorized gasfitter.
2 The appliance may only be used outdoors.

1 Using the appliance in enclosed spaces such as a tent, camper or house is dangerous and forbidden.
2 The appliance is intended for built-in applications and may not be used as a stand-alone item.
3 The appliance must be installed, connected and periodically serviced by a qualified installer in accordance with local standards and regulations.
4 The installer must compare the gas type and gas pressure stated on the type plate with the gas supply on site.If these values do not match, the supplier must be contacted.
5 The installation instructions are only applicable if the relevant country code is stated on the appliance.
6 There will be air in the gas supply pipes when the appliance is first used. Therefore, the gas supply pipes need to be vented first.
7 Before use, check all connections and pipes on the gas bottle are still properly mounted and not loose; check the regulator seal is correctly fitted and is able to perform its function.
8 Replace the gas cylinder in a well-ventilated area away from any ignition sources (candle, cigarettes, other flame-producing appliances).
9 Never restrict the free flow of air and oxygen to the appliance. Never change anything in the gas-technical equipment system of this appliance. Any changes to the system can be dangerous and will void any warranty on the appliance.
10 Do not touch the burner material and, if applicable, the ceramic logs until they have completely cooled.
11 Ignite the appliance according to the user manual and check the flame is burning evenly.
12 The appliance must not be moved during use.
13 When the appliance is not in use, it is advisable to close the appliance with the cover and close the gas tap.
14 Never leave the appliance burning unattended.
15 In case of rain and/or strong wind, the appliance must be switched off.
16 Do not use at freezing temperatures (below 0 degrees Celsius).

Distance from flammable materials in the vicinity of the appliance

Do not place flammable materials within 500mm of the part of the appliance that radiates heat. Maintain a space of 2000mm up to the ceiling. Keep children, plants and animals away from the area around the appliance during use. Do not use highly flammable liquids or gases and/or materials near the appliance.

Distance to non-flammable materials

The appliance needs to be placed a minimum distance of 25 mm from the sidewall and rear wall. See installation instructions for more information. See Appendix 2 Installation examples.

⚠ WARNING

1 The appliance becomes hot when in operation. Therefore caution must be exercised during use, while children and persons requiring assistance must be kept away from the hot or cooling appliance.
2 Wait until the appliance is lukewarm before covering it. Depending on the appliance and the circumstances, this can take between 0.5 to 2 hours. If the appliance is covered earlier, there is a risk of damage and possible fire.
3 The installation must be installed in accordance with national and international regulations. Before purchasing, check the appliance is suitable for the situation in question.
4 Any modification to the appliance can be dangerous.
5 The appliance may only be used for decorative purposes.
6 It is forbidden to cook, bake, grill, etc. on it.

2 PLACING THE APPLIANCE

NOTE

Do not start the installation until you have read and understood the installation instructions.

2.1 Preparation and installation

1 Check the packaging for damage. Remove the packaging and check the contents are intact and complete. Report damage and defects to the supplier immediately.

2 The packaging contains the following components:

Remote control	Manual control
- appliance	- appliance
- dispersion medium	- dispersion medium
- adhesive cord	- adhesive cord
- remote control puck	- 2 x AAA batteries
- 2 x AAA batteries	- installation instruction
- 230 V adapter	- user manual
- installation instruction	- identification plate
- user manual	
- identification plate	

3 Appliance must be placed upright on a hard, stable base.
4 Make sure the gas supply pipe does not come into contact with sharp edges.

2.2 Connection to gas supply pipes

APPENDIX 5

1. Take the power supply into account: batteries (optional) or 230 V adapter. The remote control is supplied with a 230 V adapter as standard. Please note that batteries drain faster when they are outdoors compared to indoors. This is why the adapter is supplied as standard.
2. You can determine where the gas supply pipes will be placed, dependent on the layout. Ensure gas supply pipe is not twisted during installation and there is no excessive tension.
3. After installation, check the connections are gas-tight. Use an accessible gas tap in the supply line. Also ensure the gas supply pipe is free from dirt or sand.
4. Connect the appliance in accordance with local regulations and only use locally permitted materials.
5. Ignite the appliance for the first time without a glass panel. Check all the gas connections for leaks again. You can then switch the appliance off and put the ceramic wood set in place (See Chapter *3 Setting the dispersion medium*).

2.3 Connecting a gas bottle

APPENDIX 3

Some examples for connecting a gas bottle. If the example is not included, national/local regulations must be followed.

2.4 Installation methods

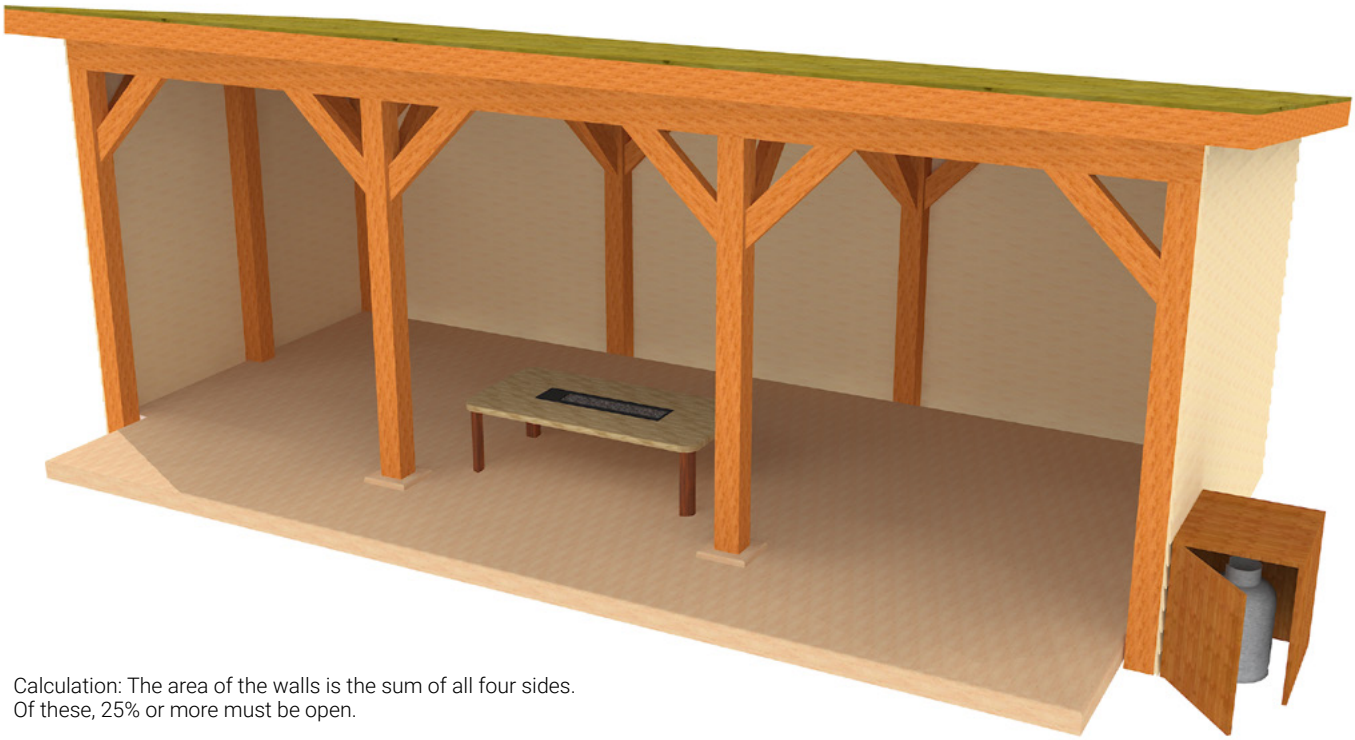
1. The appliance can be used in several ways. APPENDIX 2
2. In case of strong wind, special attention must be paid to preventing the appliance from tipping over.
3. The appliance must always be used outdoors or in a very well ventilated area. These could be, for example, conservatories or verandas. The walls of conservatories or verandas must be 25% open as shown in the image below.

NOTE

1. The 25% opening must not be closable.
2. It is prohibited to use the appliance in a closed space (i.e. it is not for indoor use).

2.5 Unpacking and installing

1. Unpack the appliance and check there is no damage. 1
2. Set the appliance in place following international and/or local guidelines.



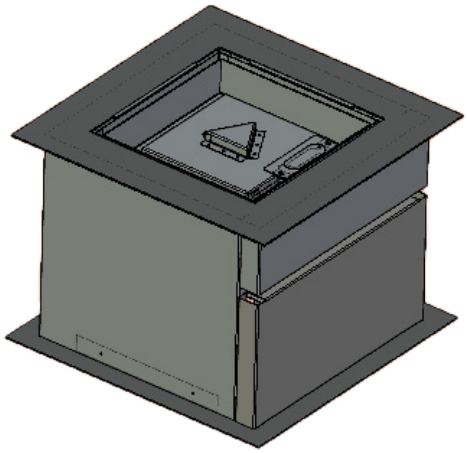
Calculation: The area of the walls is the sum of all four sides.
Of these, 25% or more must be open.

2.6 Dismantling and assembling the appliance

Trimline 30S (2224)

The appliance is pre-assembled in a holder 1. The gas supply pipe can only be connected in one position. If the burner unit is to be mounted in a table, it can be disconnected together with the technical components and then built in according to your own wishes, and in accordance with local and international regulations. Take the accessibility of the technical components into account and ensure the underside of the table has an opening to comply with the mandatory ventilation requirements according to national guidelines 2 3. The Trimline 30S (2224) is available as a remote control (230 V) version and a manual control version. 2 3

1



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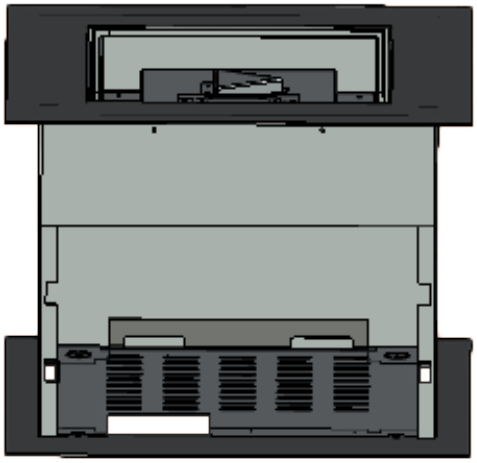
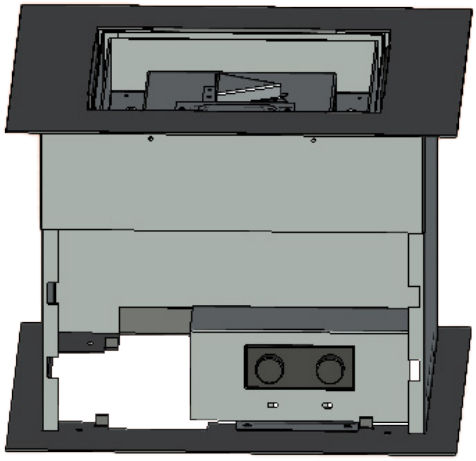


Remote control

3

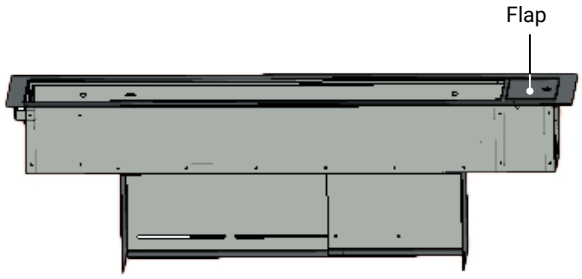


Manual control

Trimline 50L, 75L en 100L (2228, 2229 en 2230)

The appliance comes pre-assembled. The gas supply pipe can only be connected in one position. If the burner unit is to be installed in a table, it can be placed inside with the technical components and built in according to your own wishes, in accordance with local and international regulations. Take the accessibility of the technical components into account and ensure the bottom has an opening for mandatory ventilation in accordance with national guidelines. The Trimline 50L, 75L and 100L models are available with remote control (230 V) and manual control 4 5. For those models with a remote control, there is an OPTION to install a battery holder under the flap on the top of the appliance. 6

4



Remote control

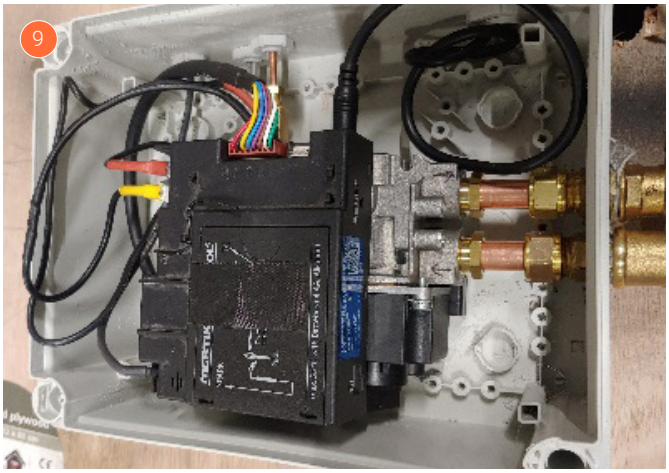
5

Manual control

6

On/Off switch
battery holder (OPTION)

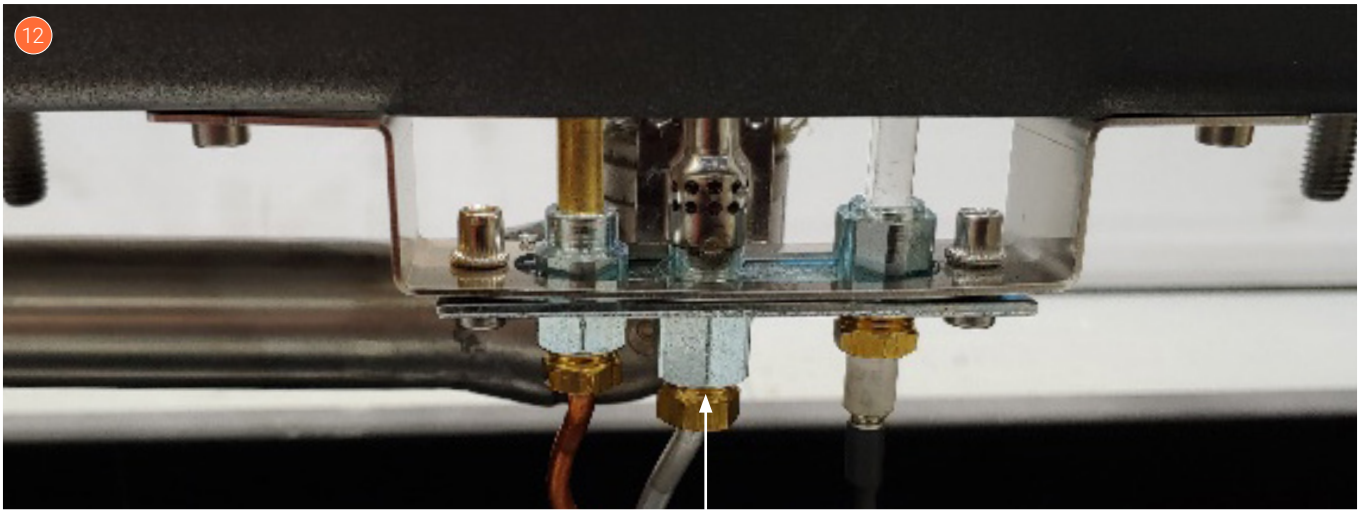
The manually operated devices can be operated using the button behind the flap. 7
For the model 30S with remote control, the batteries (optional) are located behind the cover of the grey cabinet. This cover can be removed to access the receiver and batteries. When opening and closing the grey cabinet, ensure the connection is flush. 8 9 10



Flat fit

Trimline 50L, 75L en 100L (2228, 2229 en 2230)

1 The technical equipment is available for gas checks and service. 19 20
2 Start the appliance and check all gas connections for leaks.
3 Once the check has been carried out, assemble the appliance.
4 Add the dispersion medium. See Chapter *3 Setting the dispersion medium*.



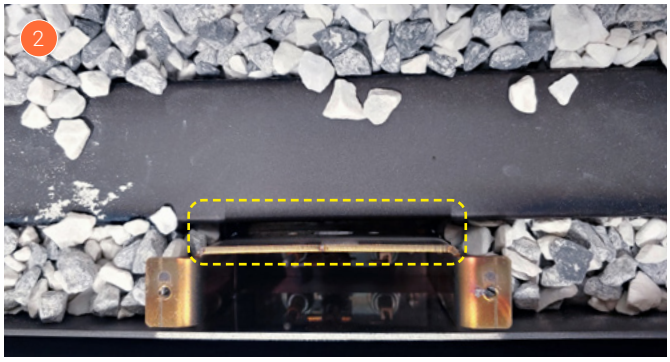
Pilot light holder with pilot flame.

3 SETTING THE DISPERSION MEDIUM

1 Place the small stones in the container around the burner and keep the pilot flame free of material. 1 2
The small stones reach the top of the burner.
2 Then place the larger stones in the burner container up to the height of the finishing edge. 3 4
3 Setting parts other than the supplied dispersion material is not permitted.
4 Spread the dispersion material evenly in the burner container.
5 Do not place dispersion medium in or on the pilot flame.
6 Place the dispersion medium carefully. Ignite the appliance, check the pilot flame and burners light easily and that the flames flow evenly along the logs. If this is not the case, check or adjust the position of the dispersion medium.

⚠ WARNING

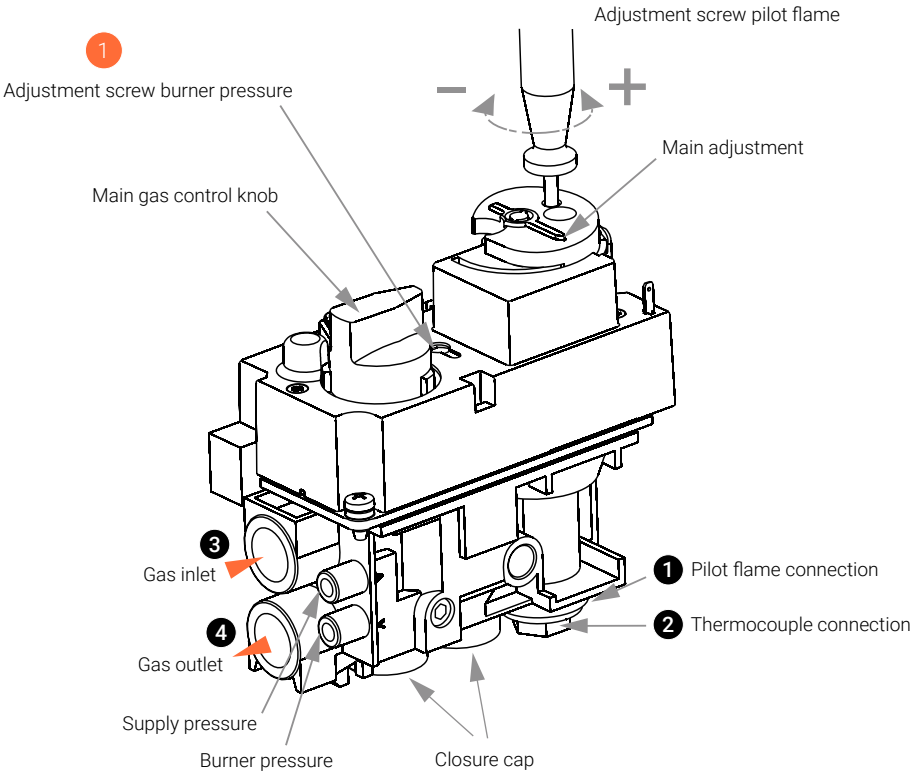
Setting the dispersion medium in the wrong place can seriously affect the flames and/or cause the burning process to malfunction altogether.



There should be no stones between the burner and the pilot flame.

4 TECHNICAL DETAILS MAXITROL GV60

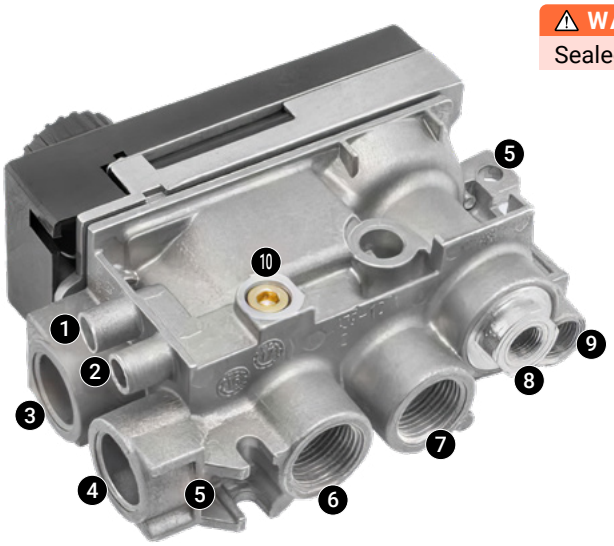
Gas valve type	Maxitrol GV60	
Burner control	B6R-R8P (WiFi-Ready)	
Ignition	Remote control operation and piezo ignition	
Gas connection	❶ Pilot burner connection ❷ Thermocouple connection ❸ Gas inlet 3/8" externally	❹ Gas outlet ❺ Multi-cable ❻ Receiver
Unit category	C11-C31-C91	
Pilot flame	SIT 3 flames	
Security	Thermocouple principle	

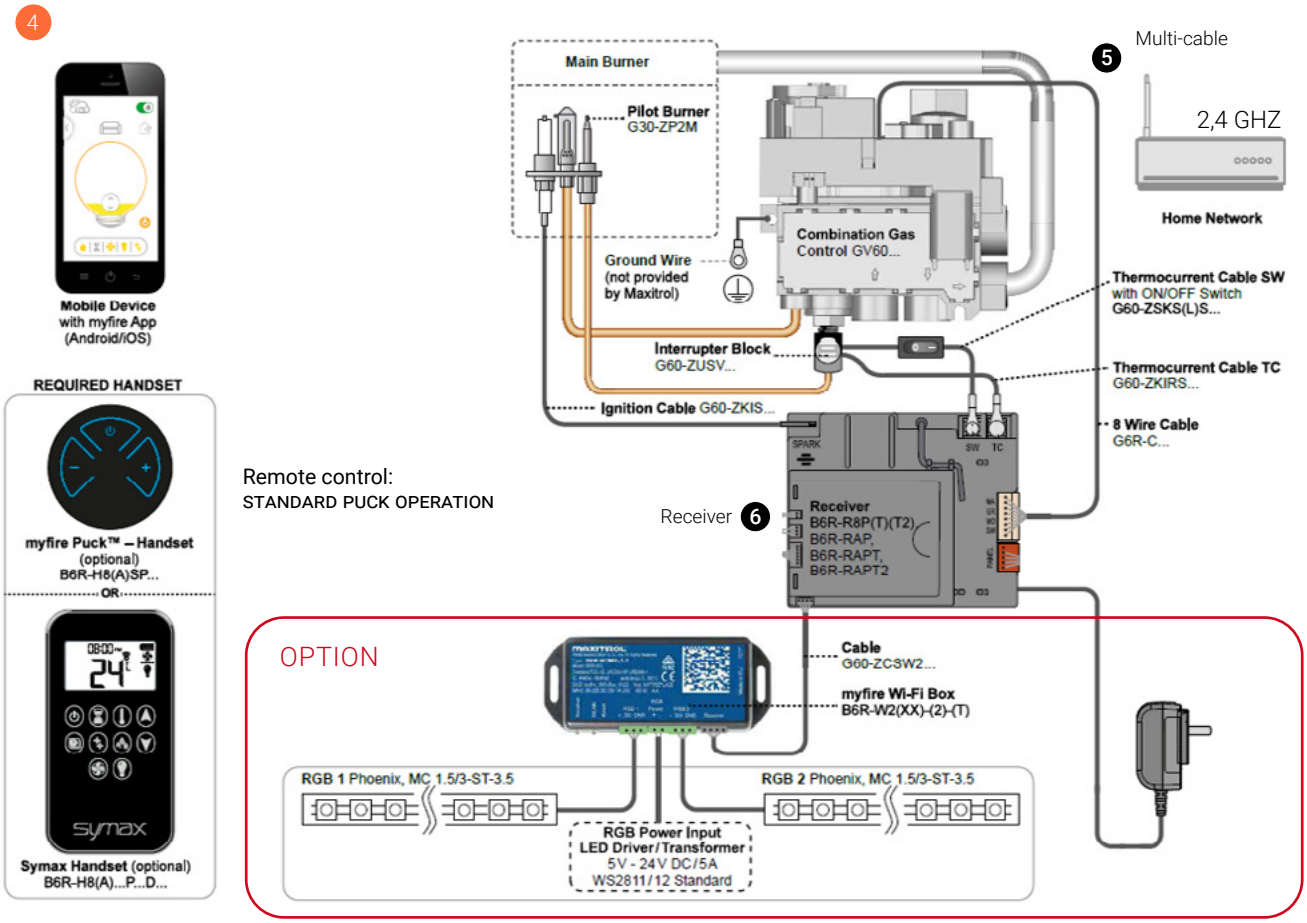


⚠ WARNING
Sealed parts must not be adjusted.

2

❶ Inlet pressure tap
❷ Outlet pressure tap
❸ Gas side inlet
❹ Gas side outlet
❺ Mounting points
❻ Gas bottom outlet
❼ Gas bottom inlet
❽ Thermocouple connections
❾ Pilot gas outlet
❿ Min. rat setting with fixed or adjustable orifice





Schematic diagram.

5 INSTRUCTIONS FOR MAXITROL GV60

⚠ WARNING

1 Ensure the fuel supplied to the appliance is clean and free from particles and moisture.

Before a gas supply pipe (new or existing) is connected to the main gas pipe at the gas meter and to the gas valve of the appliance, clean and dry compressed air needs to have been blown through it. Copper and aluminium pilot flame pipes that have been cut must be deburred and blown clean before they are connected.

Heat, moisture and dust are a threat to all electronic components

Protect the electronic gas control until all construction, plastering and paintwork has been completed. If you cannot avoid this work, then protect the control against dirt and moisture penetration by covering it with plastic film for instance.

⚠ WARNING

2 Electronic components become permanently faulty when they are exposed to temperatures higher than 60°C. Normal AA batteries will crack open at temperatures >54°C and the battery contents will damage the electronic switches below. Batteries have the longest life span at <25°C.

3 Only install the gas valve and receiver as pre-installed at the factory.

4 Remember that components may have to be replaced or that repairs may have to be performed at a later date. This may prove to be more difficult if the control is installed in a different way to how we have described in instructions.

Only insert the batteries after the receiver, gas valve and pilot flame have been wired.
Premature connection to the power source can damage the electronics. In the version with the LED module, inserting the batteries is not permitted. Use the mains adapter supplied with the LED module.

NOTE

1 Batteries must not be fitted in the receiver when using the power adapter.

Ensure the ignition cable is not near the antenna wire and that they do not cross each other.
The high voltage released during ignition may damage the sensitive receiver circuit of the antenna. This could mean the appliance becomes less responsive or totally unresponsive to commands from the handset.

NOTE

2 Do not tighten the contact breaker and the thermocouple connection too tightly on the gas valve.

3 It is sufficient to tighten by hand and add a half a turn with an open-end spanner. Tightening too much will break the connection to the magnetic coil below and/or the insulation around the aluminium contact pin in the contact breaker. This may cause the magnetic coil to not open the gas supply to the pilot flame and prevent the appliance from functioning.

Prevent leakage of ignition spark to parts of the installation other than the ignition rod on the pilot flame. Ensure the ignition cable is not in contact with the body or other metal parts. If a cable extension is used, ensure the connections have additional silicone insulation.

Do not place the remote control in direct sunlight or other warm locations.

NOTE

4 Sealed parts must not be adjusted, to do so would void the warranty.

5 A waiting time of 5 minutes between each start attempt must be observed.

6 Remove batteries not with a metal tool. Removing batteries with a metal object can permanently damage the electronic control.

6 GAS-TECHNICAL SPECIFICATIONS

Type of indication(s)		Trimline 30S Outdoor – 2224			
Appliance type		A1			
Extraction system		None			
Gas type		G25.3	G20/25	G20	G20⇆25
Supply pressure in mbar		25	20	20	20⇆25
Country		NL	DE	AT/CH/CZ/DE/DK/EE/ES/FI/ GB/GR/HR/IE/IT/LT/LU/ LV/ NO/PL/PT/RO/SE/SI/SK/TR	BE/FR
Category		I_2EK I_2(43.46-45.3 MJ/m³)	I_2ELL	I_2H/I_2E	I_2E^+
Primary air per burner	**mm**	Closed			
Supply pressure	**mbar**	25	20	20	20⇆25
Burner pressure - high position	**mbar**	22.6	18.25	18.22	18.22 / 22.6
Burner pressure - low position	**mbar**	9.61	7.46	7.66	7.66 / 9.61
Injector orifice	**Ømm**	2.5			
Pilot lame injector	**CODE**	272	272	272	272
Low position orifice	**mm**	Adjustable	Adjustable	Adjustable	Adjustable
Load Hs	**kW**	11.17	9.75	12.04	12.04
Load Hi	**kW**	10.57	8.77	10.84	10.84
Gas consumption	**m³/h**	1.212	1.080	1.148	1.148
Electricity consumption nominal	**kWh**	0.0072			
Electricity consumption stand-by	**kWh**	0.0003			

Type of indication(s)		Trimline 30S Outdoor – 2224	
Appliance type		A1	
Afvoersysteem		None	
Gas type		G30/31	G30
Supply pressure in mbar		(28-30)-37	30/50
Country		BE/CH/CY/CZ/ES/FR/GB/GR/IE/IT/LT/PT/ SI/TR	NL/AT/CH/CY/CZ/DE/DK/EE/FI/GR/HR/ HU/IT/LT/NO/PL/RO/SE/SI/TR
Category		I_3+	I_3B/P
Primary air per burner	**mm**	4.5	
Supply pressure	**mbar**	(28-30)-37	30/50
			If burner pressure is 50 mbar, make corrections
Burner pressure - high position	**mbar**	28.45	28.45
Burner pressure - low position	**mbar**	13.78	13.78
Injector orifice	**Ømm**	1.5	1.5
Pilot lame injector	**CODE**	221	221
Low position orifice	**mm**	Adjustable	Adjustable
Load Hs	**kW**	9.29	9.29
Load Hi	**kW**	8.57	8.57
Gas consumption	**m³/h-kg/h**	0.266-0.502	0.266-0.502
Electricity consumption nominal	**kWh**	0.0072	
Electricity consumption stand-by	**kWh**	0.0003	

Type of indication(s)		Trimline 50L Outdoor – 2228			
Appliance type		A1			
Extraction system		None			
Gas type		G25.3	G20/25	G20	G20⇆25
Supply pressure in mbar		25	20	20	20⇆25
Country		NL	DE	AT/CH/CZ/DE/DK/EE/ES/FI/ GB/GR/HR/IE/IT/LT/LU/ LV/ NO/PL/PT/RO/SE/SI/SK/TR	BE/FR
Category		I_2EK I_2(43.46-45.3 MJ/m³)	I_2ELL	I_2H/I_2E	I_2E^+
Primary air per burner	mm	Closed			
Supply pressure	mbar	25	20	20	20⇆25
Burner pressure - high position	mbar	22.6	17.95	18.18	18.18 / 22.6
Burner pressure - low position	mbar	9.65	7.78	7.78	7.78 / 9.65
Injector orifice	Ømm	2.2			
Pilot lame injector	CODE	272	272	272	272
Low position orifice	mm	Adjustable	Adjustable	Adjustable	Adjustable
Load Hs	kW	9.52	8.17	10.12	10.12
Load Hi	kW	8.57	7.35	9.2	9.2
Gas consumption	m³/h	1.033	0.905	0.974	0.974
Electricity consumption nominal	kWh	0.0072			
Electricity consumption stand-by	kWh	0.0003			

Type of indication(s)		Trimline 50L Outdoor – 2228	
Appliance type		A1	
Afvoersysteem		None	
Gas type		G30/31	G30
Supply pressure in mbar		(28-30)-37	30/50
Country		BE/CH/CY/CZ/ES/FR/GB/GR/IE/IT/LT/PT/ SI/TR	NL/AT/CH/CY/CZ/DE/DK/EE/FI/GR/HR/ HU/IT/LT/NO/PL/RO/SE/SI/TR
Category		I_3+	I_3B/P
Primary air per burner	mm	4.5	
Supply pressure	mbar	(28-30)-37	30/50
			If burner pressure is 50 mbar, make corrections
Burner pressure - high position	mbar	28.26	28.26
Burner pressure - low position	mbar	13.41	13.41
Injector orifice	Ømm	1.5	1.5
Pilot lame injector	CODE	221	221
Low position orifice	mm	Adjustable	Adjustable
Load Hs	kW	9.78	9.78
Load Hi	kW	9.026	9.026
Gas consumption	m³/h-kg/h	0.271-0.512	0.271-0.512
Electricity consumption nominal	kWh	0.0072	
Electricity consumption stand-by	kWh	0.0003	

Type of indication(s)		Trimline 75L Outdoor – 2229			
Appliance type		A1			
Extraction system		None			
Gas type		G25.3	G20/25	G20	G20⇆25
Supply pressure in mbar		25	20	20	20⇆25
Country		NL	DE	AT/CH/CZ/DE/DK/EE/ES/FI/ GB/GR/HR/IE/IT/LT/LU/ LV/ NO/PL/PT/RO/SE/SI/SK/TR	BE/FR
Category		I_2EK I_2(43.46-45.3 MJ/m³)	I_2ELL	I_2H/I_2E	I_2E⁺
Primary air per burner	mm	Closed			
Supply pressure	mbar	25	20	20	20⇆25
Burner pressure - high position	mbar	21.33	17.06	17.07	17.07 / 21.33
Burner pressure - low position	mbar	9.72	7.95	7.84	7.84 / 9.72
Injector orifice	Ømm	2.7			
Pilot lame injector	CODE	272	272	272	272
Low position orifice	mm	Adjustable	Adjustable	Adjustable	Adjustable
Load Hs	kW	13.91	11.98	14.83	14.83
Load Hi	kW	12..53	10.787	13.36	13.36
Gas consumption	m³/h	1.509	1.325	1.414	1.414
Electricity consumption nominal	kWh	0.0072			
Electricity consumption stand-by	kWh	0.0003			

Type of indication(s)		Trimline 75L Outdoor – 2229	
Appliance type		A1	
Afvoersysteem		None	
Gas type		G30/31	G30
Supply pressure in mbar		(28-30)-37	30/50
Country		BE/CH/CY/CZ/ES/FR/GB/GR/IE/IT/LT/PT/ SI/TR	NL/AT/CH/CY/CZ/DE/DK/EE/FI/GR/HR/ HU/IT/LT/NO/PL/RO/SE/SI/TR
Category		I_3+	I_3B/P
Primary air per burner	mm	4.5	
Supply pressure	mbar	(28-30)-37	30/50
			If burner pressure is 50 mbar, make corrections
Burner pressure - high position	mbar	27.86	27.86
Burner pressure - low position	mbar	14.98	14.98
Injector orifice	Ømm	1.8	1.8
Pilot lame injector	CODE	221	221
Low position orifice	mm	Adjustable	Adjustable
Load Hs	kW	14.17	14.17
Load Hi	kW	13.08	13.08
Gas consumption	m³/h-kg/h	0.406-0.76	0.406-0.76
Electricity consumption nominal	kWh	0.0072	
Electricity consumption stand-by	kWh	0.0003	

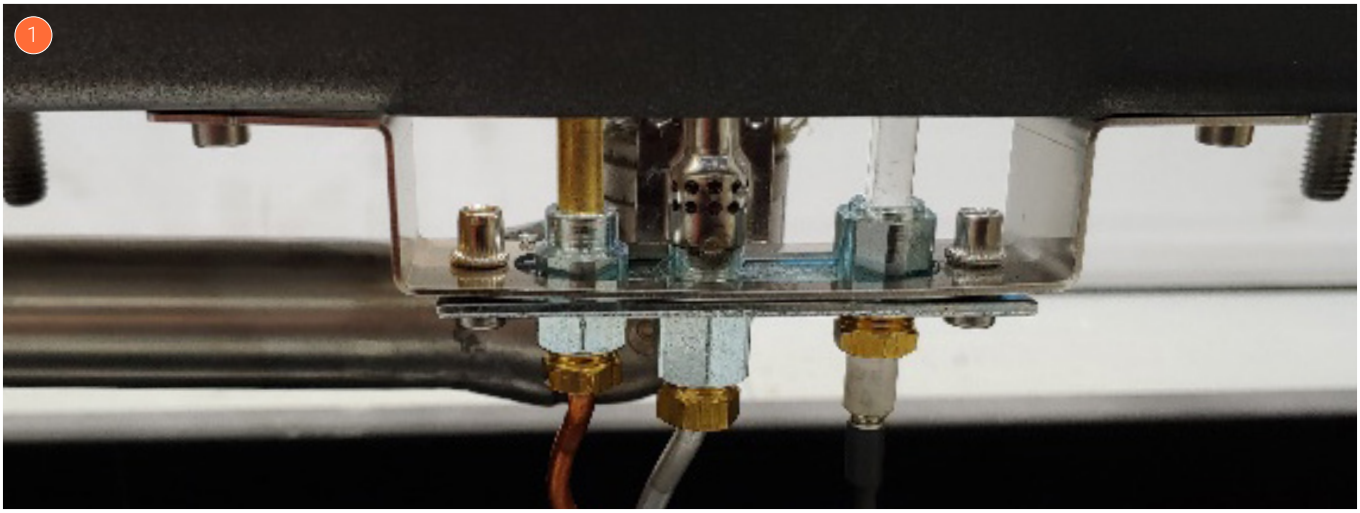
Type of indication(s)		Trimline 100L Outdoor – 2230				
Appliance type		A1				
Extraction system		None				
Gas type		G25.3	G20/25	G20	G20⇆25	
Supply pressure in mbar		25	20	20	20⇆25	
Country		NL	DE	AT/CH/CZ/DE/DK/EE/ES/FI/ GB/GR/HR/IE/IT/LT/LU/ LV/ NO/PL/PT/RO/SE/SI/SK/TR	BE/FR	
Category		I_2EK I_2(43.46-45.3 MJ/m³)	I_2ELL	I_2H/I_2E	I_2E^+	
Primary air per burner	mm	Closed				
Supply pressure	mbar	25	20	20	20⇆25	
Burner pressure - high position	mbar	22.02	17.46	17.53	17.53	22.02
Burner pressure - low position	mbar	9.61	7.65	7.67	7.67	9.61
Injector orifice	Ømm	2.9				
Pilot lame injector	CODE	272	272	272	272	
Low position orifice	mm	Adjustable	Adjustable	Adjustable	Adjustable	
Load Hs	kW	15.34	13.15	16.29	16.29	
Load Hi	kW	13.81	11.84	14.67	14.67	
Gas consumption	m³/h	1.665	1.475	1.553	1.553	
Electricity consumption nominal	kWh	0.0072				
Electricity consumption stand-by	kWh	0.0003				

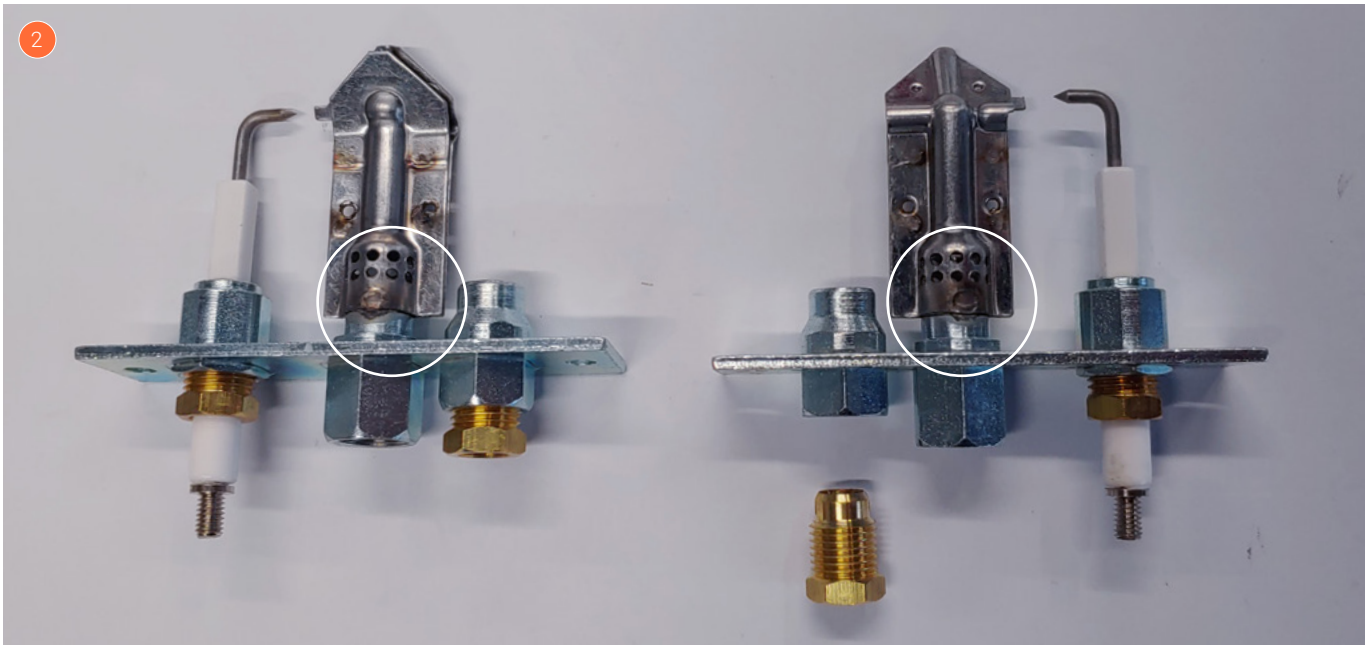
Type of indication(s)		Trimline 100L Outdoor – 2230	
Appliance type		A1	
Afvoersysteem		None	
Gas type		G30/31	G30
Supply pressure in mbar		(28-30)-37	30/50
Country		BE/CH/CY/CZ/ES/FR/GB/GR/IE/IT/LT/PT/ SI/TR	NL/AT/CH/CY/CZ/DE/DK/EE/FI/GR/HR/ HU/IT/LT/NO/PL/RO/SE/SI/TR
Category		I_3+	I_3B/P
Primary air per burner	mm	4.5	
Supply pressure	mbar	(28-30)-37	30/50
			If burner pressure is 50 mbar, make corrections
Burner pressure - high position	mbar	26.47	26.47
Burner pressure - low position	mbar	12.31	12.31
Injector orifice	Ømm	2	2
Pilot lame injector	CODE	221	221
Low position orifice	mm	Adjustable	Adjustable
Load Hs	kW	17.15	17.15
Load Hi	kW	15.83	15.83
Gas consumption	m³/h-kg/h	0.497-0.93	0.497-0.93
Electricity consumption nominal	kWh	0.0072	
Electricity consumption stand-by	kWh	0.0003	

7 CLEANING AND MAINTENANCE

To keep the appliance safe, periodic maintenance is required, depending on use, more often than once a year. The following points must be maintained.

1 The appliance must be checked and serviced by a recognised installer at least once a year.
2 It is advisable to clean the outside of the appliance regularly.
3 Do not use aggressive or corrosive cleaning agents and/or sharp objects.
4 The following checks must be carried out on the appliance:
  A The batteries must be replaced or checked.
  B The material on the burner must be removed and the holes in the burner checked and/or cleaned. See Chapter *3 Setting the Dispersion medium* in reverse order.
  C Check the pilot flame unit for air inlet, soot and contamination. 1 2
  D Check the condition of the pipes for corrosion and check the plastic unit and the plastic pipes for any defects.
  E Check the condition of the thermocouple.
  F Remove dirt from the gas inlet of the burner. Ensure the sieves are clean. 3
  G Check the operation of the gas valve and ignition of the burner.
  H Tightness of the gas control and the gas supply circuit (gas leakage).
  I For faults see Chapter *8 Quick guide to troubleshooting gas fires with Maxitrol GV60 gas control*.
  J The pilot flame, including the injector, must be replaced every year in order to prevent problems. 4





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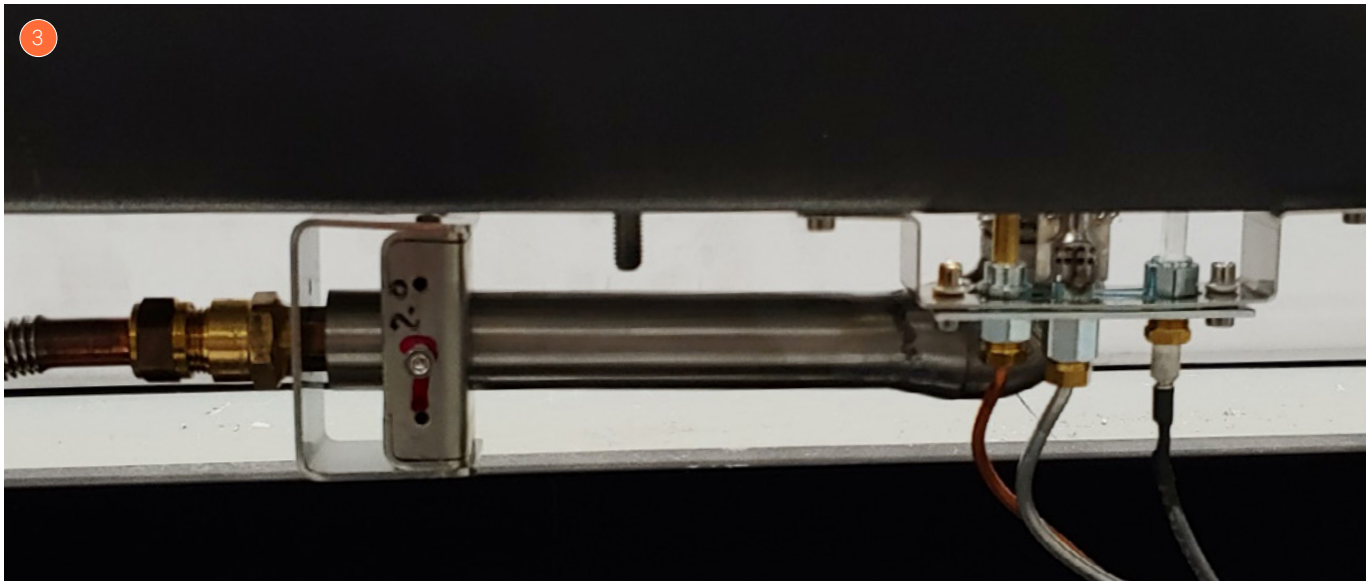

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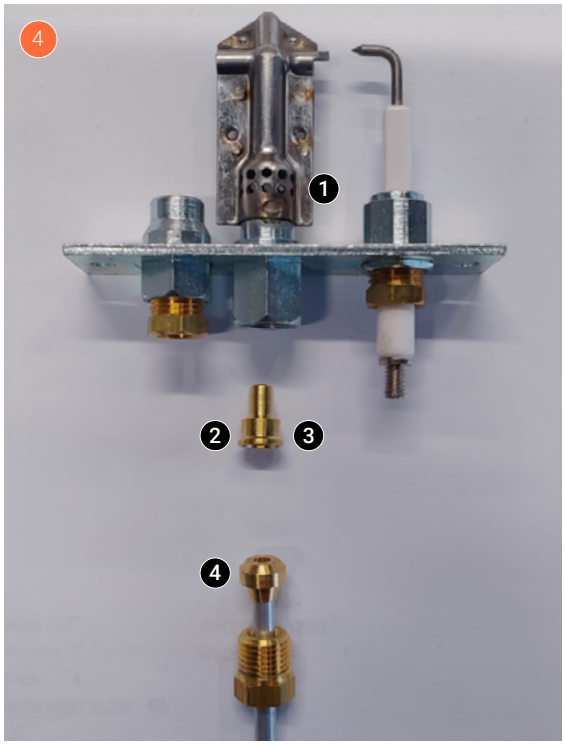
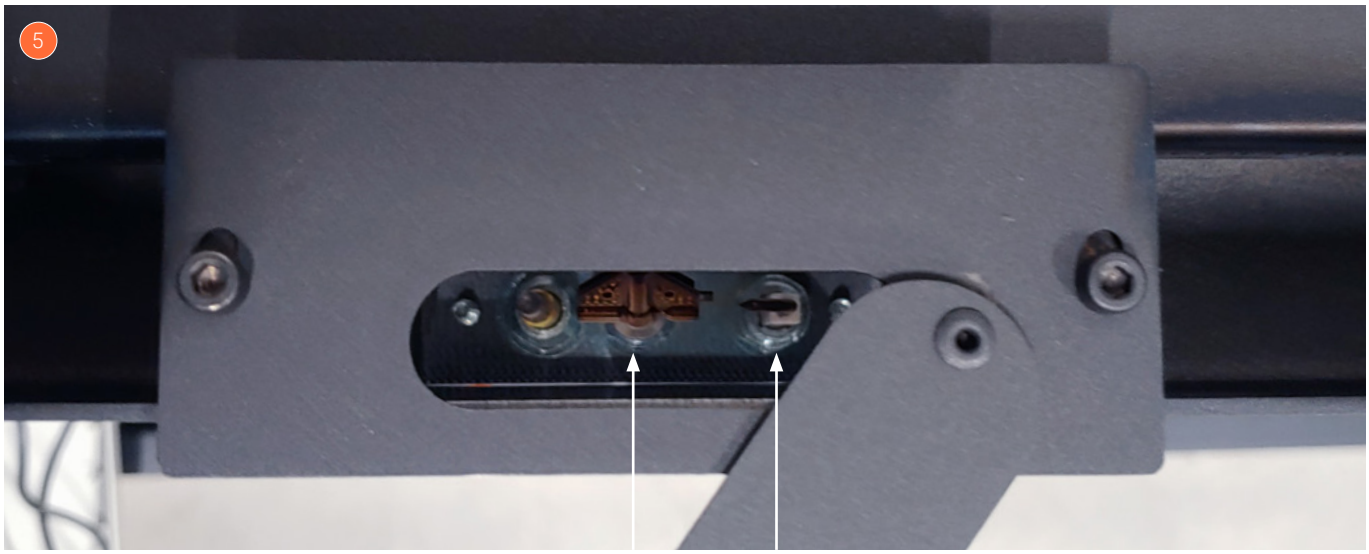


	Part	Article code
1	Pilot flame	642201030
2	Pilot flame injector G20/G25/G25.3	642201102
3	Pilot flame injector G30/G31	642201101
4	Pilot flame compression ring with union nut	642201103

7.1 Light using a lighter

It is possible that the appliance may not start up with the remote control. In this case, the following applies. Slide open the tab on top of the pilot flame cap. Start the appliance with the handheld transmitter. See if a spark is observed. If there is no spark, but there is a sound, it is possible to start the pilot flame using a long lighter or match during the start cycle.
If the pilot flame does not light, it may be that the air inlet of the pilot flame has become very wet. This will have to dry before starting the appliance.

5



8 QUICK REFERENCE GUIDE FOR FAULTSSEARCH FOR ENCLOSED APPLIANCES USING MAXITROL GV60 GASCONTROL

Function	Possible cause	Solution
1. Acoustic signals	1 long beep → reset switch OFF (**0**)	Set switch to (**I**)
	1 long beep → connections not complete	Check connections in thermocouple circuit
	1 long beep → 8-core cable defective	Check connections in connector/replace 8-core cable
	1 long beep → micro switch defective	Replace gas valve
	1 long beep → Sync not OK	Carry out new sync procedure for remote control/receiver
	3 short beeps → power supply	Replace batteries or 6-VDC adapter
2. No reaction remote control/receiver	Power supply problem	Check batteries/6-VDC adapter
	No sync remote/receiver	Carry out sync procedure
	Distance between remote control/receiver	Change position of receiver
	Defective receiver	Replace receiver
	Faulty remote control	Replace remote control
3. No pilot light gas	GV60 DC magnet unit does not open (no clicking noise from gas valve)	• Check wiring and breaker on thermocouple circuit • Check/replace 8-core cable between remote control and gas valve • 1 x sparks and stop: check ground cable under torx gas valve • Replace receiver • Replace gas valve
4. Poor/no spark	Spark cable loose	Check spark cable connections
	Short circuit between cable and metal	Check whether cable is free of metal parts
	Poor spark candle	Check spark candle for fractures, replace if necessary
	Distance of sparkling candle to pilot light head	Check distance is approximately 4mm
5. Pilot light difficult to ignite	Gas supply pressure too high, nervous flame	Adjust gas supply pressure or adjust the pilot light pressure using the gas valve
	Gas supply pressure too low, short flame	Adjust gas supply pressure, check gas pipes, or adjust pilot light pressure using the gas valve
	Air in (pilot light) pipe, flame on/off	Blow pipes through, make air-free
	Injector blocked	Clean or replace pilot light injector
	Blocked/curved pilot light pipe	Check and clean pipe
	Pilot light head damaged	Check and replace pilot light
6. Pilot light goes out after ignition	Small pilot light, no flame on thermocouple tip	Check gas supply pressure, possibly too low
		Check pilot light injector and gas pipe
	Nervous pilot light flame, no flame on thermocouple tip	Check gas supply pressure, too high, adjust
		Adjust pilot light pressure on gas control block
		Air in pipes, vent
	Lazy pilot light, no flame on thermocouple tip	Check premix opening on pilot light, must be open
	Poor connections in thermocouple circuit	Check cables/breaker in thermocouple circuit
		Check thermocouple connections in gas control block, do not over-tighten.
		Measure thermocouple circuit voltage 4.5mV minimum
	Bad thermocouple	Check open circuit voltage of thermocouple (18-30mV), replace if necessary
	Poor DC magnet unit in GV60	Replace gas valve
7. Pilot light goes out when the fireplace is closed	False air along pilot light holder/gasket	Check pilot light holder and gasket for leaks
	False air hatches	Check pressure hatches/gasket is completely closed
	Main flame causes pilot light to go out	Check restriction/baffle in accordance with regulations

Function	Possible cause	Solution
8. Pilot light/main flame off	Gas pre-pressure has dropped	Check correct dimensions of gas pipe or blockage, correct
	Main burner ignition, 3 beeps, low power supply voltage	Check batteries or 6-VDC adapter
	Too much/little transport in unit/outlet	Check restriction/baffle situation in accordance with instructions.
	Concentric outlet pathway incorrect	Check outlet pathway in accordance with instructions
	Recirculation, façade/roof mouth position incorrect	Check outlet in accordance with instructions
	Recirculation in closed outlet system	Check outlet connections
9. Main burner does not start up	Gas control valve knob to MAN	Check gas control valve knob to ON
10. Delayed ignition of main burner	Pilot light burner blocked	Check logs, pebbles, etc. are in the right position. pilot light should be free of obstructions.
	Small/lazy pilot light	Check and correct pressure and physical state of pilot light burner
	Close main burner flame openings	Check and clean with a vacuum cleaner or similar device.
	Logs, etc. in wrong position	Check and correct, see instructions
11. Low main flame	Gas supply pressure too low	Check gas supply pressure and corrections
	Burner pressure too low	Check burner pressure, check instructions for correct values
12. No or little difference between high/low settings for main flame	Low position setting incorrect	Check and adjust low position in accordance with instructions
13. DB burner does not work	Defective step valve	Check whether clicking sound is perceptible, press button on remote control several times, replace valve if necessary
14. Sooty flame	Insufficient transport in unit/closed drainage system	Check restriction/baffle, follow instructions for correct value
		Check outlet system pathway in accordance with instructions
		Check outlet in accordance with regulations/ instructions
	Excessive feed/burner pressure	Check and correct gas supply/burner pressure in accordance with instructions
	Blocked burner flame openings	Check and clean with a vacuum cleaner, for example
	Incorrect premix for main burners	Check and correct, see instructions
	Decorative logs, etc. in incorrect position	Check and correct, see instructions

9 GASREGELBLOK GV32

9.1 Safety information

⚠ WARNING

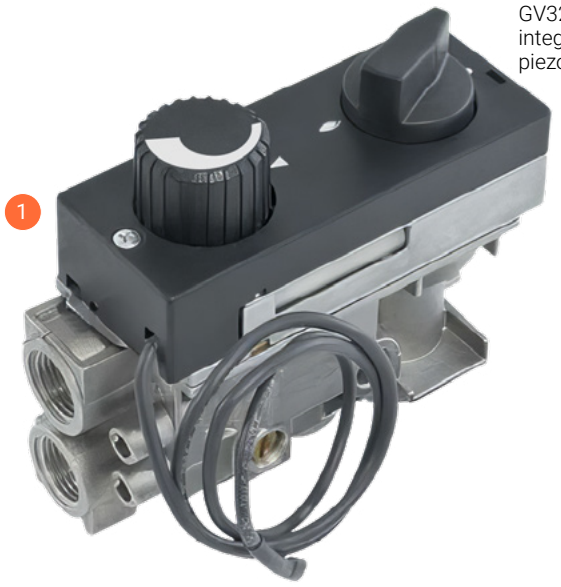
WHAT TO DO IF YOU SMELL GAS?

1. Do NOT operate any appliance.
2. Do NOT touch any electrical switch; do NOT use any phone in your building.
3. Immediately evacuate the area and contact the gas supplier. Follow the gas supplier's instructions.
4. If you can NOT reach the gas supplier, call the fire department.

Read these instructions carefully and completely before installing or operating. Failure to follow them could result in a fire or explosion causing property damage, personal injury, or loss of life. Service and installation must be performed by a trained/experienced service technician.

⚠ WARNING

5. Use only your hand to push in or turn the gas control knobs. Never use tools. If a knob will not push in or turn by hand, do NOT try to repair it. Call a qualified service technician. Force or attempted repair can result in a fire or explosion.
6. Do NOT use a product if you suspect it has been subjected to high temperatures, damaged, tampered with, or taken apart. Do NOT use a product if you suspect it has been under water or that liquid has seeped into the product. Any of these incidents can cause leakage or ether damage that may affect proper operation and cause potentially dangerous combustion problems.
7. Do NOT store or use gasoline or other flammable vapors and liquids in the vicinity of this control or other appliances.



GV32 with integrated piezo igniter

9.2 Technical data

9.2.1 Approvals

CE Multifunctional controls for gas buming appliances (Group 2 according to DIN EN 13611):
- EU/2016/426
- DIN EN 126:2012-06

9.2.2 Fuelgases

CE Suitable for gases in compliance with DIN EN 437

9.2.3 Maximum inlet pressure

CE/AGA 5 kPa (50 mbar)

9.2.4 Pilot gas connection

CE/AGA M10x1 compression fittings for 4 mm or 6 mm tubing

9.2.5 Ambient temperature range

Combination gas control valve:

CE/AGA Standard: 0°C to 110°C (Optional: 0°C to 120°C)

9.3 Installation instructions

9.3.1 Mounting position and location

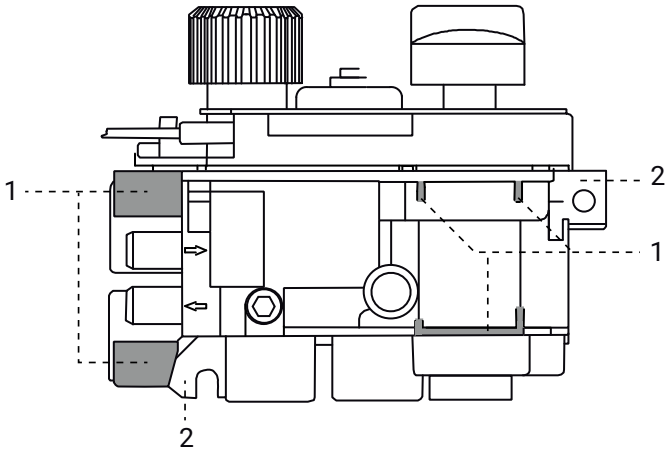
Position

In upright position, knobs are on top of the control. The control may be mounted 0° to 90° any direction (including vertical) from the upright position. Control must NOT be mounted upside down.

Location

Locate the control where it is not exposed to steam cleaning, high humidity, dripping water, corrosive chemicals, dust or grease accumulation, or excessive heat.
To assure proper operation, follow these guidelines:

1. Locate control in -a well-ventilated area.
2. Mount control high enough to avoid exposure to flooding or splashing water.
3. Make sure the ambient temperature does NOT exceed the ambient temperature ratings for each component.



1 = Clamping areas; 2 = Mounting points

9.3.2 OPERATING INSTRUCTIONS

Setting the main burner gas flow

The gas flow is manually set with the D-Stem/temperature knob. To decrease the gas flow, turn the D-Stem/temperature knob clock wise (↻). To increase the gas flow, turn the D-Stem/temperature knob counter-clockwise (↺). 4 5
If knob with numbers is used, "1" represents the minimum gas flow and "7" represents the maximum gas flow. 5

9.3.3 GV32 with integrated piezo igniter

Ignition

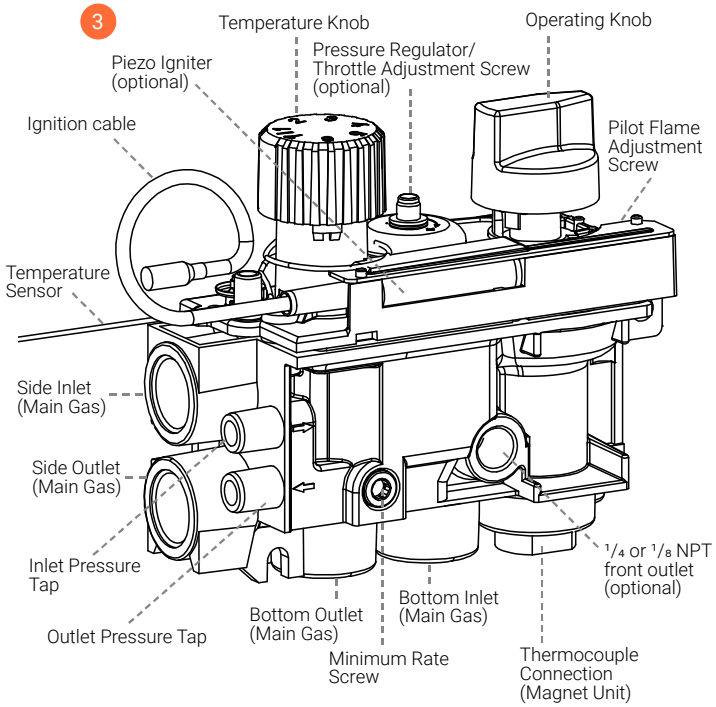
1. Turn operating knob slightly counter-clockwise IGNITION (✱) position until reaching stop, push down and hold for 5 seconds (gas flows only to the pilot burner).
2. Continue pressing down while turning further counter-clockwise 0 to the PILOT (🔥) position to activate the piezo igniter, continue to hold down for 10 seconds after pilot burner has been lit. (If pilot does not light, the procedure may be immediately repeated while holding the knob down).
3. Upon lighting, release knob and further counter-clockwise ↺ to the ON (🔥) position. Both pilot and main gas flow.

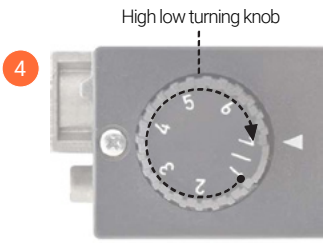
Turn off

1. Turn the operating knob slightly clockwise ↻ towards PILOT (🔥) position. Main gas will be off. 6
2. Press down slightly and continue turning clockwise ↻ from PILOT (🔥) position to the OFF (●) position to shut off the pilot gas. 7

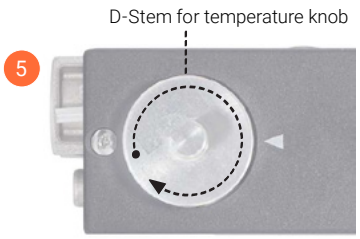
NOTE

After the appliance has been completely shut off, re-ignition is possible after approximately 5 minute (to allow thermo-couple to cool).

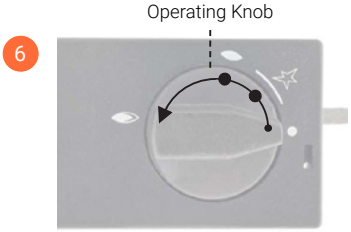




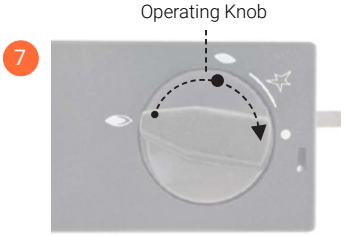
Gas flow setting with knob



Gas flow setting with D-Stem



Ignition with Piezo Igniter

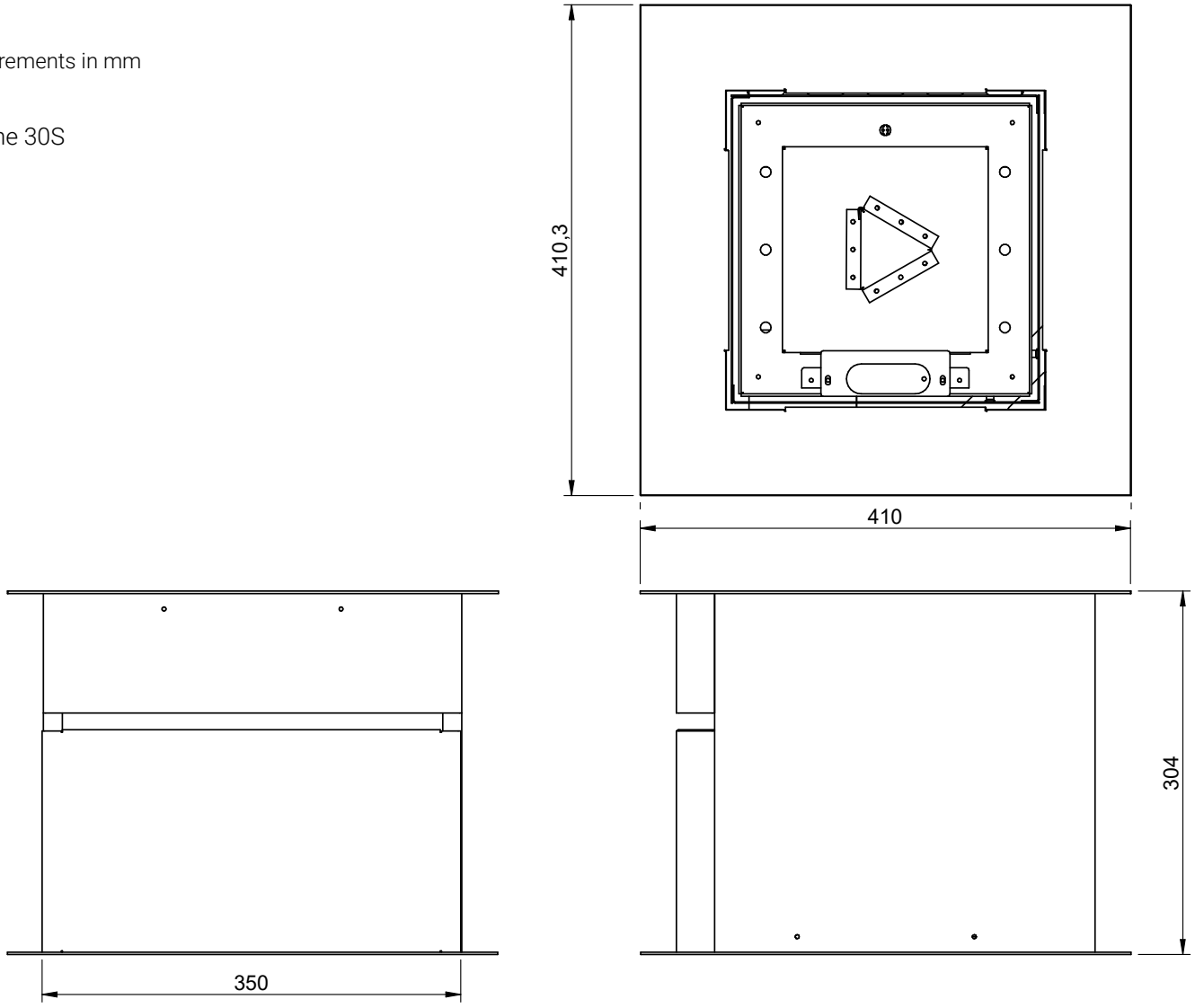


Turn off with Piezo Ignite

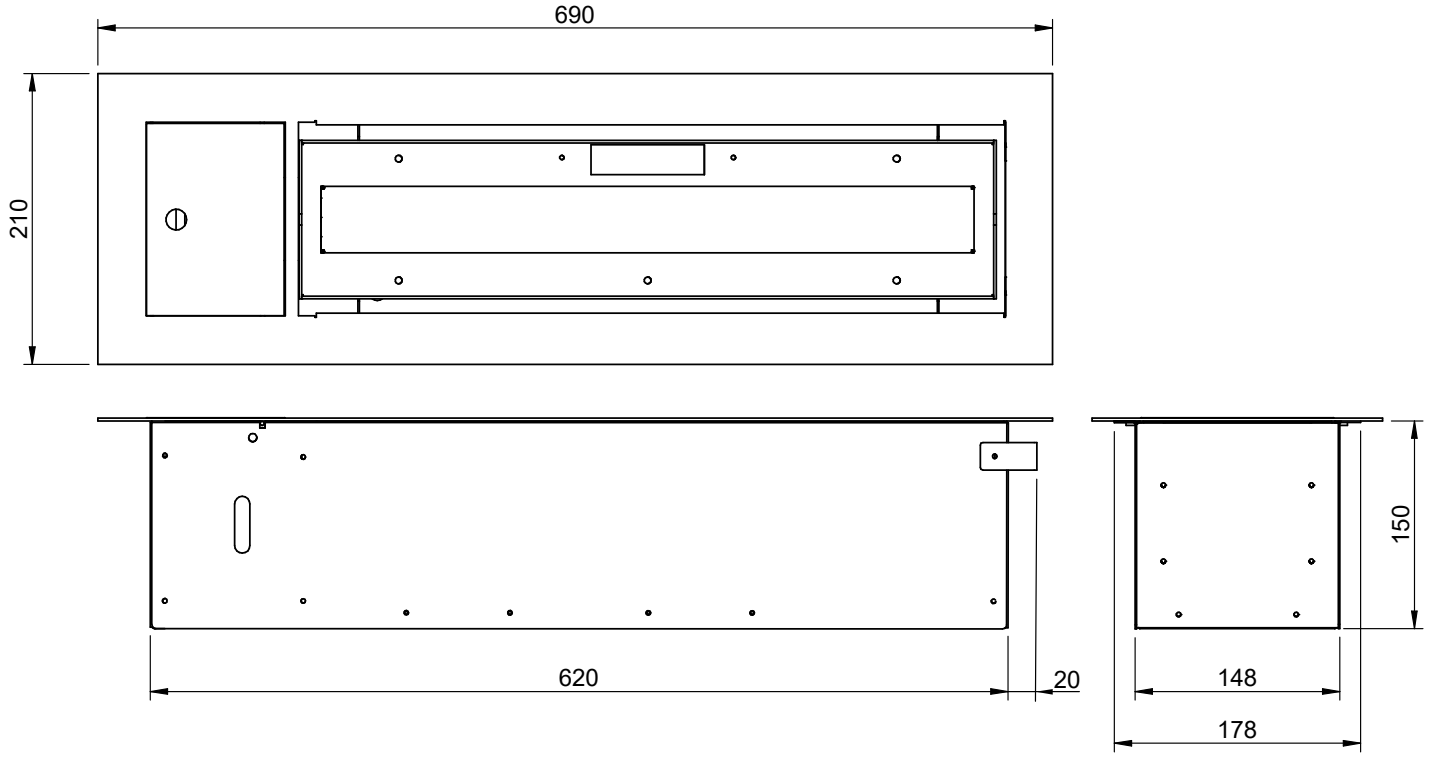
Appendix 1 DIMENSIONAL DRAWINGS

Measurements in mm

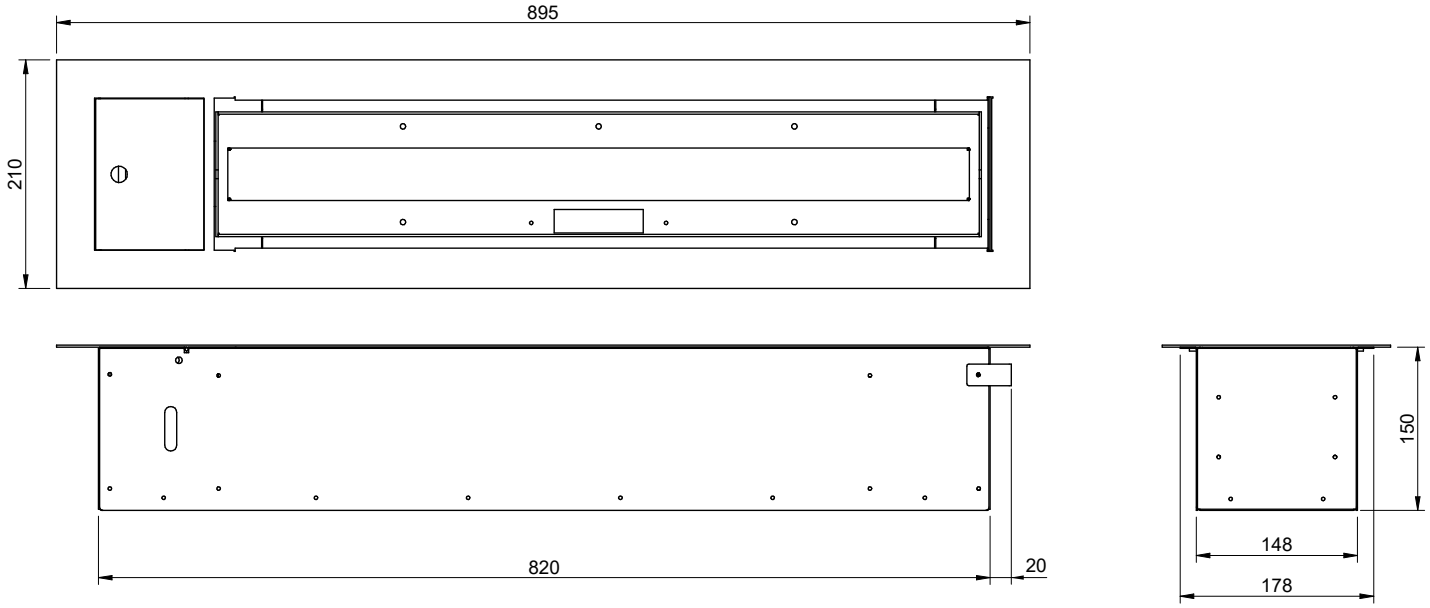
Trimline 30S



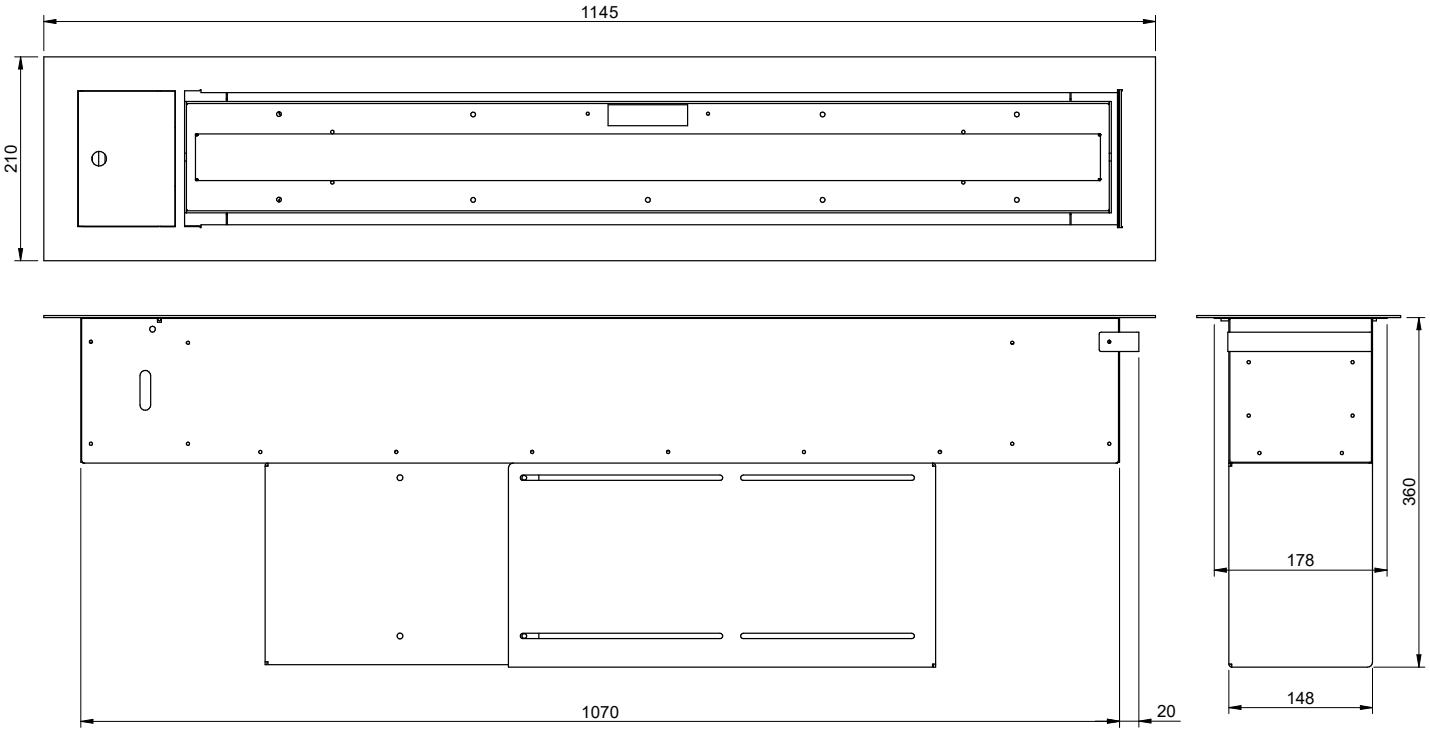
Trimline 50L



Trimline 75L



Trimline 100L



Appendix 2 BUILT-IN EXAMPLES

Placement in a free-standing enclosure or table

1 The housing and/or table should preferably be made of non-flammable material. Flammable material can be used provided the top does not exceed the finishing edge of the appliance.
2 The housing and/or table must be open at the bottom, the height must be at least 2.5 cm and the surface area must be at least 150 cm^2

NOTE

The appliance becomes warm during use and will therefore expand. Do not install the appliance tightly, make sure there is room for expansion.

Installation in the ground/below ground level

1 Ensure rainwater can drain away.
2 The appliance can be buried. Note the pressure of the sand on the side. And don't forget to fit the wall brackets during installation.
3 Make sure water can escape from under the appliance.
4 Do not connect any drainage outlet to a drain that is connected to the sewer and/or rainwater drain.
5 The appliance must be ventilated at the bottom. This must be at least 150 cm^2

NOTE

If the appliance is installed below ground level, the applicable national and international installation standards must be taken into account, depending on the type of gas. There are clearly different rules for LPG than for NG.

Appendix 3 GAS CYLINDER

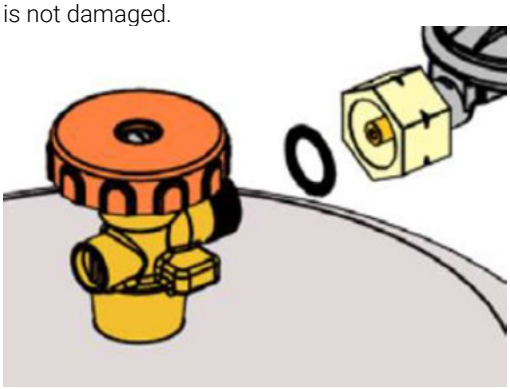
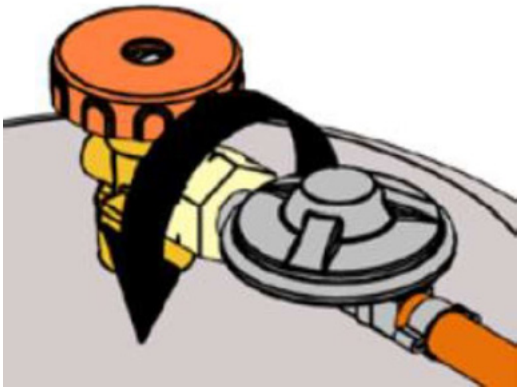
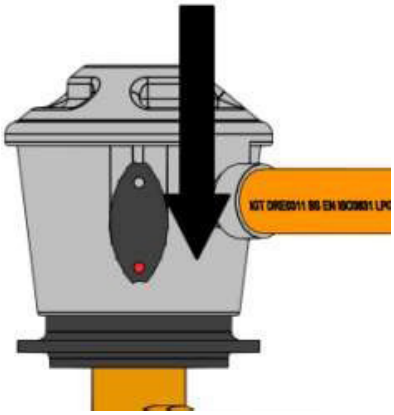
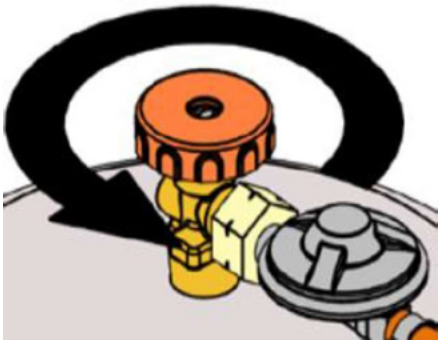
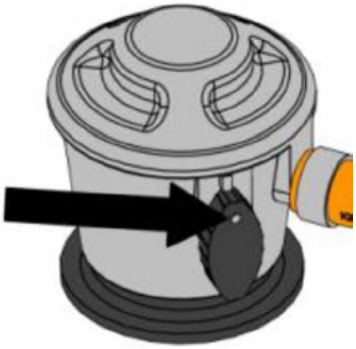
Gas Cylinder Connection

NOTE

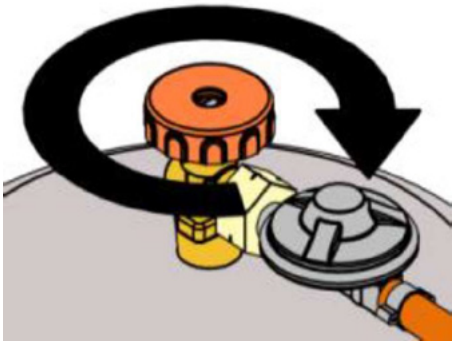
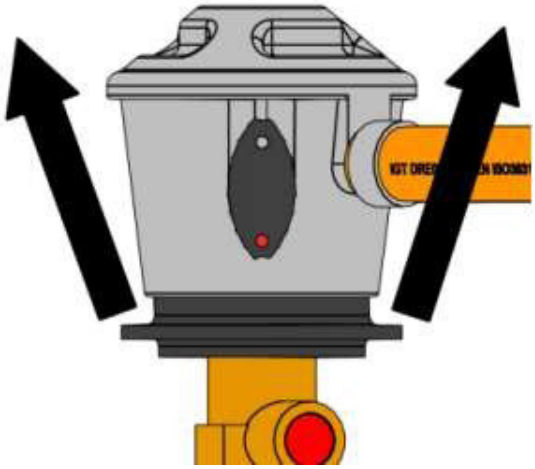
1. All types of gas bottles can be used as long as the composition corresponds to the specified gas category according to the country of destination.
2. If an elastomer hose is used (maximum 1.5 metres), replace it at regular intervals (see date on flexible) or in accordance with national regulations.

⚠ WARNING

Check the gas connection for leakage. If anything suggests a leak is present (for instance a characteristic gas smell) close the gas cylinder valve and under no circumstances turn the device on before removing the leak.
After removing the leak one may open the gas cylinder valve again.

Twist-on connection	Quick-release
1. Check if the bottle valve is TURNED OFF turning it clockwise 2. Remove the protection tip and store it for later use.	1. Remove the protection tip. Do not use any tools, leave the tip hanging freely.
3. Before making the connection check if the black seal is not damaged. 	2. Make sure all the taps on the gas device are closed and if the switch in in the OFF position. 
4. Fit the connecting nut to the cylinder with the use of a correct wrench or the connecting knob. (left thread) Do not allow the gas cylinder connectors to be fastened too tightly. 	3. Place the quick-release regulator on the valve and press it down hard. If the switch is correctly turned off you will hear a characteristic click. 
5. When the gas flow is required turn the valve of the bottle counter-clockwise. 	4. To let the gas flow in turn the switch into the ON position (or into the flame image). 

Disconnection of the gas cylinder

Twist-on connection	Quick-release
1. Turn off the Appliance Insert put it into the OFF position. The main and pilot burner need to be turned off.	
2. Turn the bottle valve into the OFF position (clockwise). 	2. Turn the switch into the OFF position. 
3. NEVER DO NOT unmount the regulator (or connecting nut) when the bottle valve is open. 4. TAKE OFF the regulator (or the connecting nut) with the use of a wrench or a connecting knob. 	3. Take off the quick-release regulator by pressing the switch horizontally and simultaneously pulling the whole regulator upwards. 
5. REPLACE the linkage closer or cap on the empty of partialy ful bottle if's not being used.	4. REPLACE the tightening cap on an empty or partialy ful bottle if it's not being used.

1. You always need to use a pressure regulator between the gas cylinder and the device.
   Replace the pressure regulator every 5 years.
   Allowed pressures: 30 mbar, 37 mbar (recommended), 50 mbar.
   Use only the redactors that comply with the EN16129 European Norm.
2. Turn off the Appliance – the „OFF" position.
   The main burner and the pilot burner need to be turned off.
3. Disconnect the regulator from the gas cylinder (description above).

4. Loosen the metal clamp with the use of a screwdriver (philips) or a flat wrench.	
5. Move the clamp away from the stub of gas regulator.	
6. Take off the linkage from the stub of regulator.	
7. Attach a new linkage on the stub of regulator.	
8. Move the clamp into the stub again and tighten it. WARNING! In the event of visible damage on the clamp, replace it for a new one.	

⚠ WARNING

1 The hose must be replaced if it is found to be damaged.
2 A gas leak check must always be carried out when disassembling and assembling the gas cylinder, gas hose or gas device.