



# FORNO°

outdoor fire

## GAS FIREPLACES



### Product description

Enjoy the atmospheric play of flames together with your friends and family. This gas burner is safe and easy to use. All parts have been CE-approved and ensure a long lifespan.

The burner is made from high-quality stainless steel. The unit is made from 2mm Corten steel. You can also choose 3mm Aluminum which is available in almost any RAL-colour.

The gas bottle (not included) can be simply and safely placed beneath the gas burner, except for model VBC21 and VBC22.

## SPECIFICATIONS

### General information

- Mat. thickness Corten: 2 mm
- Mat. thickness Aluminum: 3 mm
- Gas bottle not included
- 5 year warranty (descending)

### Options

- Burner and accessories also available separately
- Many accessories available for all FORNO models

### Corten

- Rust process takes 4-5 months
- BIO rust accelerator available

### Aluminum

**Stock colours** RAL 7021, RAL 9016.  
Our gas fires are available in almost any RAL colour (start-up costs apply).

## IMPORTANT

### Points of attention

- Use a wall bracket per meter of flue (not necessary when using a roof duct).
- Read the manual carefully before using the gas unit (pages 2-4).
- All packaging materials must immediately be removed from the products.
- Corten steel should never be constantly in moisture, it should drain well and ventilate in all situations.
- Products will be delivered un-rusted.
- We only use Corten steel type S355JOWP.
- Coastal areas: We do not recommend using Corten steel within a radius of 2 km from a coastline.
- During the weathering process, rust residue may form.
- Drilling / grinding in the material is not permitted.

### Maintenance

- Annual cleaning by removing dirt using clean tap water.
- Clean Aluminium with our Adezz Cleaner.
- **Note!** Do not use a high-pressure cleaner or abrasive sponge.
- Maintenance products are sold by Adezz (page 6).



# USER MANUAL BUILT-IN BURNERS

## IMPORTANT

- Read these installation and operating instructions carefully before installing and using the appliance.
- The operating and installation instructions must be available at all times at the appliance. In case of sale to third parties, these documents must be supplied.
- In case of improper use or failure to follow the safety instructions, all liability will be rejected and the warranty does not apply.
- For assistance or additional information consult a qualified technician, FORNO® help desk or your sales address.
- Warning: Keep children at a safe distance. Accessible parts may be very hot!
- The FORNO® fires must only be used outdoors.
- This appliance must be installed with the current regulations in accordance.

## CONTENT

1. Important safety instructions
2. Installation instructions
3. User manual
4. Technical specifications

## 1. IMPORTANT SAFETY INSTRUCTIONS REGARDING FORNO® BUILT-IN BURNERS

In case of use of the FORNO® built-in burner, these safety instructions should always be followed, to reduce the risk of fire and other damages to people and property.

Read these safety instructions carefully before the built-in burner is put into operation.

1. The FORNO® built-in burner must always be fitted according to the installation instructions. The FORNO® built-in burner should be placed directly on a solid, stable surface.
2. The device must be placed away from flammable materials (min. 2 meters) and the area around the appliance must be clear of combustible materials and/or liquids.
3. Before use, check if all connections to the cylinder are properly and tightly fitted. If the connections are loose, make sure everything is tightened before use. Make sure the gas is turned off while working on the device.
4. Every time the gas connection is re-connected, the gas connection and hose must be checked for leaks. *See chapter 2.4.*
5. The hose must never come into contact with hot surfaces of the burner.
6. The hose must comply with all national laws and regulations. The hose is connected to the supplied gas pressure regulator.
7. Never change the air valve settings of the burner. If the air vents of the fire rings are blocked, the device is no longer safe for use and a gas specialist should be contacted.
8. Never obstruct the free flow of air and oxygen to the device. Never change anything to the gas-technical system of this unit. Any changes to the system can be dangerous and will void any warranty on the device.
9. Keep children and pets away from the unit. The FORNO® built-in burner has components which become very hot when in use. After use wait until the appliance has fully cooled down before children and pets come into contact with the device. We recommend a cool down period of at least 15 hours.
10. Never move the FORNO® built-in burner if the device is in use. Wait at least 1.5 hours after use before moving it.
11. Never leave the FORNO® built-in burner without supervision during use.
12. The device has an open flame, during use of the FORNO® built-in burner there must always be supervision on children and pets by a mature and responsible person.
13. Do not touch the lava rocks and ceramic logs until they are completely cooled down.
14. Turn off gas supply after use.
15. Wait at least 1 hour after use before placing the stainless steel cover on the unit. If the cover plate is placed earlier, the burner will be damaged and a fire may occur.
16. The FORNO® built-in burner is designed to emit warmth and should only be used outside.
17. Always use the prescribed gas cylinders as described in this manual.
18. The FORNO® built-in burner should always be used outdoors or in well-ventilated areas. A well-ventilated room is for at least 25% open.
19. Be careful, accessible parts may be very hot. Always store this user and installation manual with the device.
20. Make sure the hose is always bent straight down towards the cylinder and never pressed against hot surfaces.



# USER MANUAL BUILT-IN BURNERS

## 2. INSTALLATION INSTRUCTIONS REGARDING FORNO® BUILT-IN BURNERS

The built-in burner is supplied complete with pressure regulator (30 mbar) and gas hose. Gas bottle not included.

### 1. Installing the FORNO® built-in burner

Remove your FORNO® built-in burner carefully from its packaging. Select the location for the FORNO® built-in burner.

The location must meet the following conditions:

- Make sure that the built-in burner is placed on an unflammable surface. The surface should be completely flat and clean.
- The built-in burner should not be installed in materials which conduct heat.
- The FORNO® built-in burner should be placed at least two meters from flammable materials and liquids.

Make a hole in, for example, your existing garden table, or another place where you want to mount the burner. After making the hole, place the built-in burner in your table from above. If you want to order the lava stones or ceramic wood blocks, this is possible at your purchase address.

If you are going to use the built-in burner for the first time, make sure the appliance is switched on at the highest setting for 15 minutes. This way, the lava stones are properly heated and this ensures that possible irregularities or air bubbles will disappear from the lava stones. Make sure that you do not place flammable materials within a radius of 2 meters (these first minutes) around the table. Do you want to clean up or move the ceramic logs and lava stones after use? Make sure that these are always completely cooled down!

The lava stones and logs can eventually turn black. This has to do with carbon formation, which always occurs with devices that show a yellow flame. You can remove this by blowing/vacuuming the ceramic logs and lava stones with a vacuum cleaner. It can also be brushed off with a dry brush.

### 2. Placing the gas bottle

FORNO® built-in burners are only suitable for propane/butane gas. Ensure yourself of purchasing the correct gas bottle. The supplied hose is one meter long. Position the gas hose carefully, people and pets can stumble over it. Therefore place the bottle always there where access is impossible and where children and pets cannot reach. Connect the gas bottle to the supplied pressure regulator. When you are not using the built-in burner make sure the gas valve on the gas bottle is closed.

### 3. Replacing the gas bottle

Is the gas bottle empty? Make sure the gas valve is always in the closed position, when handling the gas bottle. Only when all surfaces are cooled down and the gas bottle is closed, remove the pressure regulator. After placing a new bottle always check for leaks (see 4.).

### 4. Replacing the hose and pressure regulator

We advise you to replace your gas hose every four years. Pressure regulators can last for five years. Always check for leaks after replacing the pressure regulator and gas hose.

How to check your built-in burner for gas leaks:

- Open the gas bottle, but do not ignite the burner!
- Mix half water and detergent, spray this liquid on every connector and the hose.  
If there is a gas leak in the connections or the hose, it will cause the liquid to bubble.
- If bubbles are visible, immediately close the gas bottle and replace the leaking part(s).
- If the problem persists, please contact a qualified gas professional.

When replacing the hose or pressure regulator, make sure they are installed in the correct way. The hose should not be longer than 1.5 meters. When in doubt, always consult a qualified gas professional.

### 5. Replacing the piezo ignition battery

The built-in burner features a piezo ignition that runs on a single battery. After repeated use, the battery will run out. The battery can be replaced as following:

- Make sure the model, ceramic logs and lava rocks are completely cooled down.
- Make sure the device is no longer connected to the gas bottle.
- The battery can be found in the black ignition button.
- The black ignition button can be twisted off in order to access the battery.
- Please recycle the empty battery.

### 6. Moving the unit

We advise to reduce the relocation of the built-in burner to a minimum. With every move you risk to damage the built-in burner. When relocating the device is necessary, make sure it's disconnected from the bottle. Make sure the new location meets all previously mentioned specifications.

### 7. Placing the cover plate

A stainless steel cover plate is included with every built-in burner. It's the ideal protector for your burner against weather influences. We therefore advise you to always use this cover plate when the burner is not in use. Before placing the cover plate, make sure all components are cooled down after use. All ceramic logs need to be removed before placing the cover plate, make sure they are cooled down so you do not burn yourself!

# USER MANUAL BUILT-IN BURNERS

## 3. USER MANUAL: BUILT-IN BURNER

- Always make sure the instructions in this user manual are followed exactly. If these instructions are not followed in the correct way, it may result in a fire or explosion that could cause damage to people, property or loss of life.
- Never use flammable liquids or vapors in the vicinity of a burning device.
- Improper installation, adjustments or modifications to the equipment can result in injury or property damage. Read the installation instructions, safety precautions and operating instructions very carefully.
- Do not leave the FORNO® built-in burner unattended when in use or when connected to an opened gas bottle.

### What to do if the device emits a smell of gas:

- Directly close the gas bottle and contact a technical gas specialist. Do not use the device until it is approved for use again.
- Installation, maintenance and service needs to be done by a qualified gas professional in this case.
- Only use the FORNO® built-in burner outdoor or in a well-ventilated area. Never use the built-in burner inside a building, house, garage or any other enclosed area.
- Gas bottles must be placed outdoors and stored in well-ventilated areas. Make sure that gas bottles are out of reach for children. Gas bottles which are not used or disconnected from the FORNO® built-in burner, should not be stored in a building, garage or any other enclosed area.
- The FORNO® built-in burner is best stored in a garage or well-ventilated area. Store the FORNO® built-in burner only when it is disconnected from the gas bottle.
- The FORNO® built-in burner is not approved as a cooking appliance and must not be used as such.
- Check at least every month and every time a change is made to the unit if the FORNO® built-in burner has no gas leaks.
- Keep the area around the FORNO® built-in burner clear of combustible liquids, materials and vapors.
- Never throw anything in the gas fire of the FORNO® built-in burner.
- Never use a fuel other than propane/butane gas.

### Switching on the FORNO® built-in burner

- Make sure the FORNO® built-in burner is installed properly and is stable then remove the lid.
- Press the red ignitor until you hear a soft ticking sound (this is the piezo ignition). If you hear nothing when pressing the ignition button, then you probably need to replace the battery. Hold the control knob pushed in, when you open the gas supply. Turn the control knob to the right for gas supply. The burner should now ignite within 15 seconds. Keep the control knob pushed in for an additional 15 seconds after the flame has fully ignited. Release the knob and the flame should continue to burn. If not, repeat the process but hold in the control knob longer after igniting the flame.

### Switching off the FORNO® built-in burner

- Turn the control knob to the left so the flame goes out. If the flame is out, turn off the gas valve on the gas bottle.
- Let the lava rocks and ceramic logs cool down completely and place the stainless steel cover on the built-in burner.

## 4. TECHNICAL DATA: FORNO® BUILT-IN BURNERS

FORNO® Recessed square Burner	
Gas type	Propane/Butane
Connection gas bottle	DIN
Heating Capacity	8,5 kW
Atomizer opening	2.05-2.3 mm
Dimensions in mm	405x405mm outer size 360x360mm installation size

FORNO® Recessed rectangle Burner	
Gas type	Propane/Butane
Connection gas bottle	DIN
Heating Capacity	11,8 kW
Atomizer opening	2.05-2.3 mm
Dimensions in mm	800x190mm outer size 760x150mm installation size

### Which gas bottle can be used for FORNO® built-in burners

The FORNO® built-in burners have been extensively tested for propane/butane gas. Therefore, always use one of the required gas cylinders. Using another bottle can give another fire behavior, or in the worst cases cause major damage to people, animals or materials. If you are unsure about a particular cylinder. Please always contact the helpdesk of FORNO® or an authorized gas specialist.

Do you have any questions about our products please contact us via our website: [www.forno.nl](http://www.forno.nl)

Liessentstraat 4  
5405 AG Uden  
Tel. +31 (0)413 274 168  
[info@forno.nl](mailto:info@forno.nl)

Warranty FORNO® built-in burners:  
FORNO® gives a two-year warranty on the gas technical system FORNO® built-in burners.

# MODELS

## MODELS

For a complete overview of all our products and specifications, please visit [www.forno.nl](http://www.forno.nl)



BRANN TABLE CORTEN



BRANN TABLE ALUMINUM



BRANN PEDESTAL CORTEN



BRANN PEDESTAL ALUMINUM



BRANN FIRE CORTEN



BRANN FIRE ALUMINUM



BRANN WITH GARAPA WOOD



ICON

# ACCESSORIES

## ACCESSORIES

All our accessories meet the highest standards and are an highly suitable addition to our products. Visit [www.forno.nl](http://www.forno.nl) for a complete overview of our accessories.



### GAS BURNER AND ACCESSORIES

Both the square (400x400mm) and the rectangular (800x200mm) built-in gas burners are available as loose items. The three ceramic logs can also be ordered loose.

Now even cheaper to order in a quantity of 20 pieces!



### GLASS SURROUND

In addition to the gas burners, the glass surround can also be ordered loose. This glass surround fits perfectly with the size of the built-in gas burner and provides extra safety.

Now even cheaper to order in a quantity of 20 pieces!



### CLEANER & PROTECTOR

We recommend cleaning our products at least twice a year. For optimal results, use the ADEZZ BIO Cleaner & Protector.

Always read the descriptions on the packaging carefully before use.



### RUST ACCELERATOR

Our Corten Steel products are delivered un-rusted and the weathering process will take approximately 4-5 months. This process can be accelerated with the BIO rust accelerator available on our website.

Always read the descriptions on the packaging carefully before use.



### CORTEN VARNISH

Corten varnish can be applied to the Corten Steel products to stop the weathering process.

Always read the descriptions on the packaging carefully before use.