

## Installation manual

# Gas stopcock

0020259080

**DE**

**Publisher/manufacture**

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# 1 Safety

## 1 Safety

### 1.1 Action-related warnings

#### Classification of action-related warnings

The action-related warnings are classified in accordance with the severity of the possible danger using the following warning signs and signal words:

#### Warning symbols and signal words



##### **Danger!**

Imminent danger to life or risk of severe personal injury



##### **Danger!**

Risk of death from electric shock



##### **Warning.**

Risk of minor personal injury



##### **Caution.**

Risk of material or environmental damage

### 1.2 Intended use

There is a risk of injury or death to the user or others, or of damage to the product and other property in the event of improper use or use for which it is not intended.

The gas stopcock has been developed for use with Vaillant gas-fired boilers. The gas stopcock is designed to disconnect the gas-fired boiler from the gas supply. It has been inspected in accordance with EN 331 and DIN 3586 and is suitable for all gases in accordance with EN 437 and DVGW working sheet G 260/1. The gas stopcock must only be installed with the version that is supplied by the manufacturer.

Any other use that is not specified in these instructions, or use beyond that specified in this document, shall be considered improper use. Any direct commercial or industrial use is also deemed to be improper.

Intended use includes the following:





- Observing the installation instructions included for the product and any other components of the installation

### **1.3 Risk of faulty operation due to coatings and casing**

- ▶ Ensure that the gas stopcock is not coated or encased.

### **1.4 Risk of gas poisoning or an explosion due to leaking gas routes**

- ▶ The installation must only be carried out by a competent person.

### **1.5 Risk of material damage caused by using an unsuitable tool**

- ▶ Use the correct tool to tighten or loosen threaded connections.

### **1.6 Installing a gas isolator cock at an accessible point**

- ▶ Never install the gas isolator cock at a covered location.

## **Safety 1**



- ▶ Install the gas isolator cock only at a location where it can be easily accessed at any time.

### **1.7 Regulations (directives, laws, standards)**

- ▶ Observe the national regulations, standards, guidelines and laws.

## 2 Notes on the documentation

### 2 Notes on the documentation

#### 2.1 Observing other applicable documents

- ▶ You must observe all the operating and installation instructions included with the system components.

#### 2.2 Storing documents

- ▶ Pass these instructions and all other applicable documents on to the system operator.

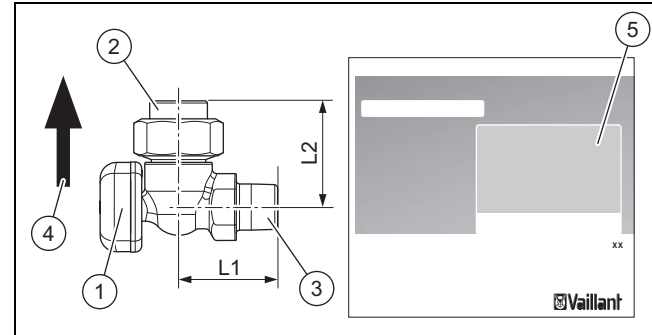
#### 2.3 Validity of the instructions

These instructions apply for the following products only:

- Gas stopcock, corner version
- GCAN/1 DN 15 TAE

## 3 Checking the scope of delivery

- ▶ Check that the scope of delivery is complete and intact.



### Gas stopcock, corner version

GCAN/1 DN 15 TAE

#### 3.1 Scope of delivery

| Item no. | Quantity | Designation         |
|----------|----------|---------------------|
| 1        | 1        | Hand grip           |
| 2        | 1        | G 1/2"              |
| 3        | 1        | G 1/2"              |
| 4        | –        | Direction of flow   |
| 5        | 1        | Installation manual |
| L1       | –        | 45.5 mm             |
| L2       | –        | 49±1 mm             |

### 4 Functionality

The gas stopcock is equipped with a thermal isolator.

At a thermal load of more than 100 °C, the other gas supply is automatically isolated by the thermal isolator.

If the thermal isolator has been triggered by a temperature above  $95 \pm 5$  K, the gas stopcock cannot be opened again. You have to completely replace the gas stopcock after the thermal isolator has been triggered.

### 5 Set-up



#### **Danger!**

#### **Risk of death caused by poisoning and explosions!**

If the unit is not installed properly, leaks may occur in the gas route, and these may cause gas poisoning and explosions.

- ▶ Always change the seal when you replace the gas stopcock.
- ▶ Only install the gas stopcock using the grommet and O-ring (sealed using the O-ring).
- ▶ Do not grease or lubricate the screwed connections on the gas stopcock.

- ▶ Make sure that the components are free from mechanical stress during installation.
- ▶ Only use copper pipes with the hardness R220, R250 or R290 for the connections.
- ▶ The maximum torque for the connector is 40 Nm.



#### **Danger!**

#### **Risk of death caused by poisoning and explosions!**

Dirt on the gas stopcock may mean that the gas stopcock cannot be properly locked. As a result, gas may escape and cause gas poisoning or an explosion.

- ▶ Do not remove the gas stopcock from the packaging until just before fitting it.



#### **Caution.**

#### **Damage to the gas stopcock.**

Soldering or welding work may damage the gas stopcock.

- ▶ Only install the gas stopcock after the gas pipes have been installed.

## 6 Operation

- ▶ The gas stopcock must be installed in an easily accessible location immediately in front of the gas-fired boiler.
- ▶ Please note the direction of flow.
- ▶ After installation, check that the installation channels are leak-tight.

## 6 Operation

The hand grip indicates the switch position. If the hand grip is pointing in the direction of the gas pipe, this means that the gas stopcock is open.

- ▶ To open the gas stopcock, push the hand grip down and turn it anti-clockwise as far as it will go.
- ▶ To close the gas stopcock, turn the hand grip clockwise until it clicks into place.

## 7 Handing over to the end user

- ▶ Hand the installation instructions over to the end user for safekeeping.
- ▶ Explain to the end user how the gas stopcock works.
- ▶ Point out that the gas stopcock must not be coated, encased or covered.

## 8 Repair

Wear or destruction of any of the parts of the gas stopcock means that the entire fitting has to be replaced. Changes to any part of the fitting mean that the fitting no longer complies with the performance requirements.

- ▶ Never change parts of the gas stopcock.
- ▶ Replace the entire fitting if it or any part thereof is worn, destroyed or changed.

## 9 Customer service

Auftragsannahme Vaillant Kundendienst: 021 91 5767901

## Appendix

### A Technical data

|                                                                                                                 |                                                       |
|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| <b>Product designation</b>                                                                                      | Gas stopcock 0020259080                               |
| <b>Pressure range (MOP 5 - maximal operating pressure; pressure class in accordance with DIN EN 331)</b>        | 0 ... 0.5 MPa<br>(0 ... 5.0 bar)                      |
| <b>Temperature range (MOT - maximal operating temperature; temperature class in accordance with DIN EN 331)</b> | 0 ... 60 °C                                           |
| <b>Pipe type</b>                                                                                                | Copper pipes (R220, R250 or R290)                     |
| <b>Push and pressure cap</b>                                                                                    | no                                                    |
| <b>Mobility</b>                                                                                                 | no                                                    |
| <b>Single- or multiple-use</b>                                                                                  | Multiple-use                                          |
| <b>Using gas</b>                                                                                                | Using gas in accordance with DVGW working sheet G 260 |



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## **Supplier**

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