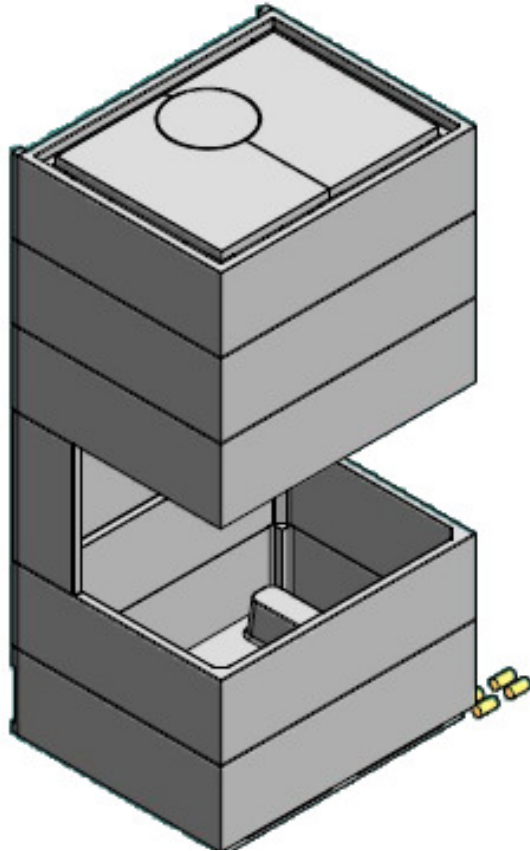


# Installation instructions VISIO 3 Elements



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FEUERKULTUR

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ART  OF FIRE

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## 2. Principle

All instructions provided with products must be followed. Damage occurring as a result of failure to follow these instructions is not covered by the guarantee, and no replacement parts can be claimed for such damage. Improperly performed work can lead to personal injury and material damage.

Room size and design must be suitable for the installation and proper use of our products.

When a fire is built-in, the manufacturer's specified dimensions and minimum requirements for openings and cladding must be observed.

When installing the product, all local rules and regulations (including those that refer to national and European standards) must be observed.

Current building regulations and rules in legislation must be observed.

The rules of the local authority on use of wood-burning stoves must be observed.

We guarantee a safe, energy-saving and environmentally-friendly stove if these instructions are followed and the work performed correctly. The illustrations shown are indicative only.

Subject to technical changes, and changes in the range.

Transport damage must be reported immediately to the supplier.

Save instructions for future use.

### 3. General information

All of our fireplace inserts and stoves are tested and comply with the latest European norms and safety regulations. Because safety regulations for installation and operation of fireplaces vary from one country to another, the owner/operator of this product is responsible for compliance with the standards in your region and correct installation. The installation and operating instructions must be adhered to. RAIS/Attika cannot be held liable for incorrect installation or irresponsible operation.

Please observe all regional and local regulations regarding e.g.:

- Fire protection
- Safety distances
- Insulation materials
- Building legislation
- Size of spark protection plates/floor plates
- Chimney and flue connections
- etc.

**If you have any questions, please contact your local chimney sweep or the relevant governmental authority.**

#### **Connection to the chimney**

We recommend loose fitting of the elements without use of adhesive, so that you can adjust the height of the product before connection to the chimney. Use a spirit level to ensure that the elements are mounted horizontally.

#### **The insert will expand when heated. Do not allow the elements to rest on the insert.**

Always allow a space of at least 5 mm above the fireplace insert installation frame. No space is required on the side, but the distance between the bottom edge of the frame and the element must be minimum 2 mm.

#### **Floor plates**

A fireproof floor plate must be laid in front of and to the side of VISIO 3 Elements if the floor consists of combustible material. Please adhere to national, regional and local regulations.

#### **Acrylic adhesive**

The acrylic adhesive supplied should be used to glue the elements, and for gluing the backwall plate CO-VIS03-03B. Make sure that the adhesive surfaces and the surface are free of dust.

After assembling the elements, use the rest of the acrylic adhesive to fill the joints. Filling the joints is an important part of assembly and is important to ensure that the insert is safely installed.

#### **Cracks**

Small cracks can appear between the elements and the point where the house wall meets the insert. This is perfectly normal and does not give cause for concern. Small cracks can be removed by grouting with acrylic adhesive. Scrape out grouting with a grouting scraper and use a vacuum cleaner to remove debris. Inject acrylic adhesive and spread using a soapy fingertip. The grout can be painted over after 24 hours.

**Minor damage**

Can be repaired with the acrylic adhesive supplied. In the event of more extensive damage, we recommend filling twice to avoid large settling cracks. Small, fine cracks and other unevenness should be filled using a small trowel or paint brush. Smooth the surface with a damp sponge or sandpaper.

**Major damage**

Any shipping damage must be reported directly to the carrier. Replacement parts can be claimed from RAIS A/S/Attika Feuer AG.

In the event of major damage that cannot be repaired with acrylic adhesive, replacement parts can be claimed from RAIS A/S/Attika Feuer AG within the framework of the guarantee.

**Ordering spare parts:**

When requesting spare parts, mark the damaged area on the packing label enclosed and take a photo of the damage. Send the photo and packing label RAIS A/S/Attika Feuer AG. Spare parts will be shipped as soon as possible.

**Painting**

You can paint the fireplace insert 24 hours after installation and grouting. Smooth down filled surfaces with a suitable abrasive. Use a mineral-based paint. Consult your local paint dealer or decorator.

RAIS A/S/Attika Feuer AG do not offer any guarantee for the final appearance of any unpainted building elements.

**Granite or marble cornice boards/facades/benches**

Clean with mild soapy water and remove excess glue immediately if there is residue left after installation. Never use acidic, aggressive products, as they can attack the surface and polish. Always use cleaning and sealing products permitted for cleaning and sealing marble and/or granite. Specialist stores can advise on various products for surface treatment and cleaning of natural stone. National and European standards, local building regulations and fire prevention provisions must be observed. Inform your chimney sweep before installation and first-time use.

*Please comply with the setup and installation instructions for your own safety. All safety distances are minimum distances. When installing a fireplace, always comply with national, regional and local regulations.*

*RAIS/Attika cannot assume any responsibility, liability and/or guarantee for incorrect or modified fireplace installations. RAIS/Attika assume no liability for errors, misprints and changes.*

**Follow the separate instructions for the fireplace insert.**

## **Installation and operating instructions for the VISIO 3 fireplace insert tested according to DIN EN 13240**

### **Installation details**

VISIO 3 is ready for connection, and must be fitted using a connection piece to the existing chimney. The connection piece must be as short as possible and run in a straight line, horizontal or slightly rising gradient. Connections must be sealed. National and European standards, local building regulations and fire prevention regulations must be observed. Notify your local chimney sweep in advance. Always ensure sufficient air required for combustion. Particular care should be taken in this respect in the event of tight-fitting windows and doors (sealing lip). Chimney calculations performed according to DIN/EN 13384-1 and DIN/EN 13384-2. Check that the substructure can bear the weight of the stove before installation. In the event of insufficient strength, take the relevant measures (e.g. plate for load distribution).

### **General safety information**

Burning combustible materials releases heat energy, which leads to strong heating of surfaces, combustion chamber doors, doors and controls, flues and in some circumstances, the front wall of the stove. These parts should not be touched without the use of appropriate protective clothing or devices (heat-resistant gloves or other implements). Inform children of such dangers and keep them away from the stove while it is in use/hot.

### **Permitted fuels**

The permitted fuel is logs up to 30 cm in length and with a diameter of up to 10 cm. Use only dry wood. Burning rubbish, particularly plastic, is prohibited. Doing so will also damage the fireplace and chimney, is a health risk and causes annoyance for neighbours as a result of strong smells. Dry wood with a maximum moisture content of 20% after a drying time of minimum one year (soft wood) or two years (hard wood) is recommended. Wood is not a slow-burning fuel. The fireplace cannot therefore be expected to remain lit overnight when burning firewood.

### **Lighting for the first time**

The stove may give off an unusual odour and smoke the first time you light it. This is because the paintwork and material need to harden, but the smell will quickly disappear. Keep children and pets away from the stove while this is in progress.

### **Lighting**

Start by placing approx 1 kg of wood (e.g. two split logs) on the bottom of the combustion chamber. Lay approximately 1.2 kg dry split wood on top for kindling, along with 2 or 3 firelighters or similar. Never use alcohol, gasoline or other flammable liquids to light up. During the kindling phase, allow primary and secondary air into the stove. Shut off primary air once the fire is well alight. Control combustion using secondary air. Do not leave the stove unattended during this phase.

### **Operating multiple fireplaces**

When operating multiple fireplaces in an installation or via ventilation ducts, ensure an adequate supply of combustion air.

### **Heating during seasonal changes**

When ambient temperatures are higher, a sudden temperature rise can affect chimney pressure, preventing full venting of combustion gases. In such instances, use less firewood and set the air damper higher to allow the firewood to burn faster (with flames), thus stabilising chimney pressure. In order to avoid the development of resistance in the embers, rake the ashes more often.

### **Cleaning and checks**

Inspect the stove, flue gas tract and pipes each year, including after the chimney has been cleaned. Ensure that all built-up deposits are removed. The chimney must also be cleaned regularly by a chimney sweep. Your local chimney sweep will inform you of the required intervals. Have the stove inspected every year by an authorised expert.

### **Types**

Stoves self-closing combustion chamber doors can be connected to a chimney already used for other stoves and cookers, unless the flue pipe dimension according to EN 12831 dictates otherwise. Stoves with self-closing doors must always be operated with the combustion chamber closed – except when lighting, putting fuel in and ash removal – to avoid the risk of damage to other fireplaces connected to the chimney, and to prevent leakage of combustion gases. Stoves without self-closing combustion chamber doors must be connected to their own chimney. Never operate with open combustion chamber without supervision. Refer to DIN EN 13384-1 or DIN EN 13384-2 for chimney dimensioning.

### **Combustion air**

Because stoves need air, and take it from the air in the room where they are located, always ensure a plentiful air supply. In the event of sealed windows and doors (e.g. in low-energy buildings), the ambient air supply may be insufficient and can affect the stove's air flow. This may be harmful to your well-being and possibly your safety. An extra supply of fresh air may be required, e.g. by fitting an air damper near the stove, or a pipe that either brings in fresh air from outdoors or from a well-ventilated room (except a boiler room). Always ensure that any extra means of air supply are open when the stove is lit. Extractor hoods installed in the same room or connected to the same air supply pipe can affect the stove (and to the extent that smoke is emitted into the room despite the combustion chamber doors being closed). Such devices should never be operated at the same time as the stove.

### **Fire protection**

Always ensure a minimum distance of 110 cm to flammable building elements and furniture for sufficient heat protection. The rear of the stove can be fitted flush with the wall.

### **Fire protection in the heat radiation area**

Keep a safe distance of 80 cm from the oven for flammable building elements and furniture within the stove's heat radiation area. This distance can be reduced to 40 cm if a vented plate is fitted on both sides for protection against heat radiation between the fireplace and combustible building elements.

### **Fire protection outside the heat radiation area**

Minimum distances to flammable building elements and furniture are stated on the type plate and must be observed.

### **Floors**

Floors made of combustible materials in front of stove openings must be protected by non-flammable building materials. Such protection must comply with national building regulations.

### **Spare parts**

Only use spare parts which have been expressly approved or supplied by the manufacturer. Please contact your dealer. Do not attempt to modify the fireplace!

### **Information in the event of chimney fire**

Wood that is too damp or the wrong type can cause the build-up of deposits inside the chimney, which can result in a chimney fire. Close all air openings on the stove immediately and call the fire service. Once the chimney has burned out, have it inspected for cracks and leaks by an authorised expert.

### **Nominal heat output, combustion air settings and shut-down times**

The stove's nominal heat output is 7 kW. This is achieved at minimum flue pressure of -14 Pa. Accordingly, never use more than 2-3 pieces of firewood at once.

### **Steel element chimney**

Can be connected to a steel element chimney.

### **Safety distance to flammable materials**

Ensure that all the safety distances are complied with.

**Assemble the stove sides loosely to mark up the flue pipe position and height.** Mark a hole in the bottom at the same if you intend to connect an Air Kit for outdoor air supply (as accessory).

### **Pipe penetrations**

Penetrations to fit a flue pipe, air vent or other components to the stove sides must be made when the stove is to be installed. These must be carried out with extreme caution in order to avoid breaking the components.

Damage caused by incorrectly performed work is not covered by the guarantee.

Drilling:

Mark the points on the components where a penetration is to be made. Drill around the periphery. Tap the pieces between the holes with a hammer from the inside to break them off.

### **Plastering**

Before plastering a fireplace, it should be heated up at least once. This enables fireplaces cladding to expand and overcome the greatest tension. This will prevent and reduce subsequent cracks in the surface of the plastered fireplace.

Wipe the surface of the fireplace the cladding with a damp cloth. It is not necessary to moisten the substrate beforehand.

Observe processing temperature > 5 ° c.

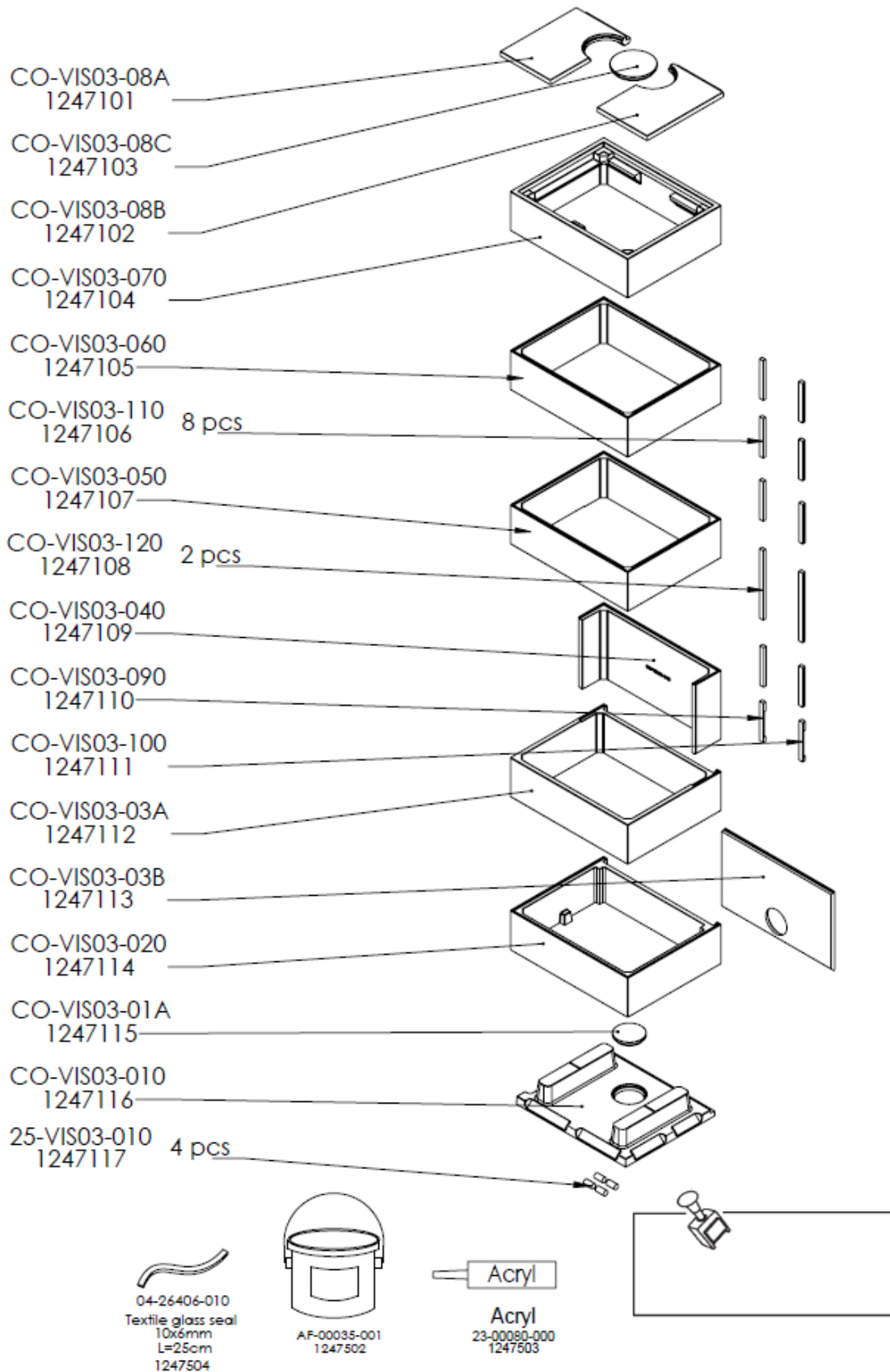
To avoid any stress cracks, use a glass fibre grille when rendering the fireplace cladding.

Plaster over this layer.

**NB:** Always the instructions provided with the render.

Excerpt from the instructions: Mix the dry mass thoroughly in a clean container before taking the quantity to be worked with. Mix small amounts in a bucket using a spatula or small trowel with clean tap water to the consistency required and use quickly. Mix the render well for large surfaces using a mixer machine at low RPM. The mixture should be stiff. Stir it once more and use quickly.

## 4. Parts list





## 5. Installation

- 1 Place the base plate of the CO-VIS03-08A on the floor at the installation site (see fig. 1)



Fig. 1

2. Place VISIO 3 centered on the baseplate. The distance to the midline between the legs front and rear must be the same (155 mm). The mark on the baseplate serves as a help in this regard. There must be a gap of 35 mm on both sides between the baseplate and installation frame outer edge (see fig. 2). The distance between the bottom and the bottom edge of the frame on the fireplace insert must be at least 547 mm (see fig. 3). Fireplace insert height can be adjusted by means of the legs.

If the fireplace module is to be placed directly up against a wall:

- Remove the transport protection on the fireplace insert before positioning. Refer to the installation instructions for the fireplace insert for information on removal of transport protection.
- If the module is to be placed up against a flammable wall, glue spacers CO-VIS03-100 (2 PCs.), CO-VIS03-110 (8 pcs.) and CO-VIS03-120 (2 pcs.) to the fireplace module with the acrylic adhesive.



Fig. 2

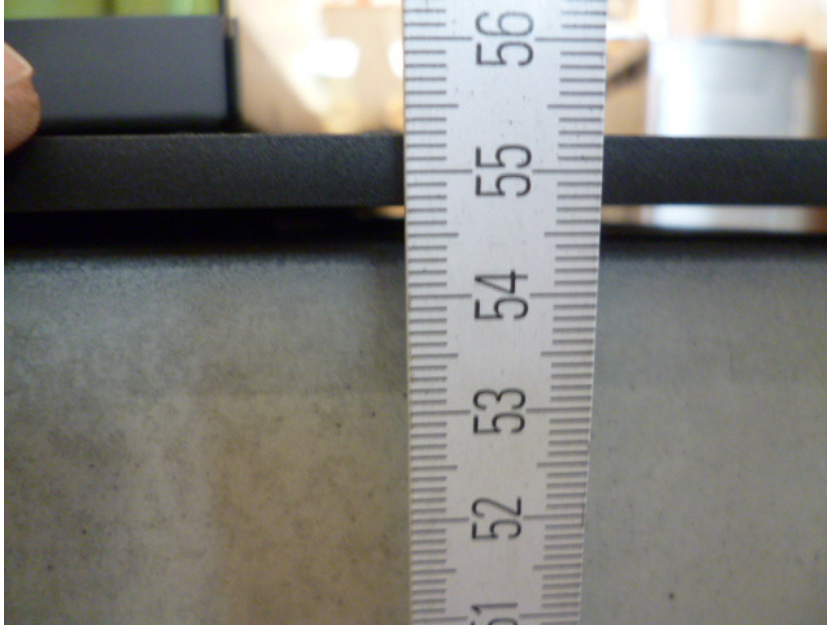


Fig. 3

3. Cut the back wall of the CO-VIS03-020 and CO-VIS03-03A elements to size (e.g. with a grinder).  
The cuts should be made in slots. (See figs. 4 & 5) (See figs. 4 & 5)



Fig. 4



Fig. 5

4. Place element CO-VIS03-03A on element CO-VIS03-020 and slide under the fireplace insert using the wooden rollers supplied (see figs. 6 and 7).



Fig. 6



Fig. 7

5. Remove transport protection from the fireplace insert (see figs. 8 and 9). Refer to the installation instructions for the fireplace insert for information on removal of transport protection.



Fig. 8



Fig. 9

6. Insert back wall plate CO-VIS03-03B and secure with acrylic adhesive (glue hardens within 10 minutes). Place element CO-VIS03-040 behind the fireplace insert (see fig. 10).



Fig. 10

7. Glue the gaskets supplied onto element CO-VIS03-050 on the front between the element and the fireplace insert installation frame. One each, left and right under the element (see fig. 11).  
Lift element CO-VIS03-050 over the fireplace insert and position.



Fig. 11

8. Lift element CO-VIS03-060 over the fireplace insert and position.

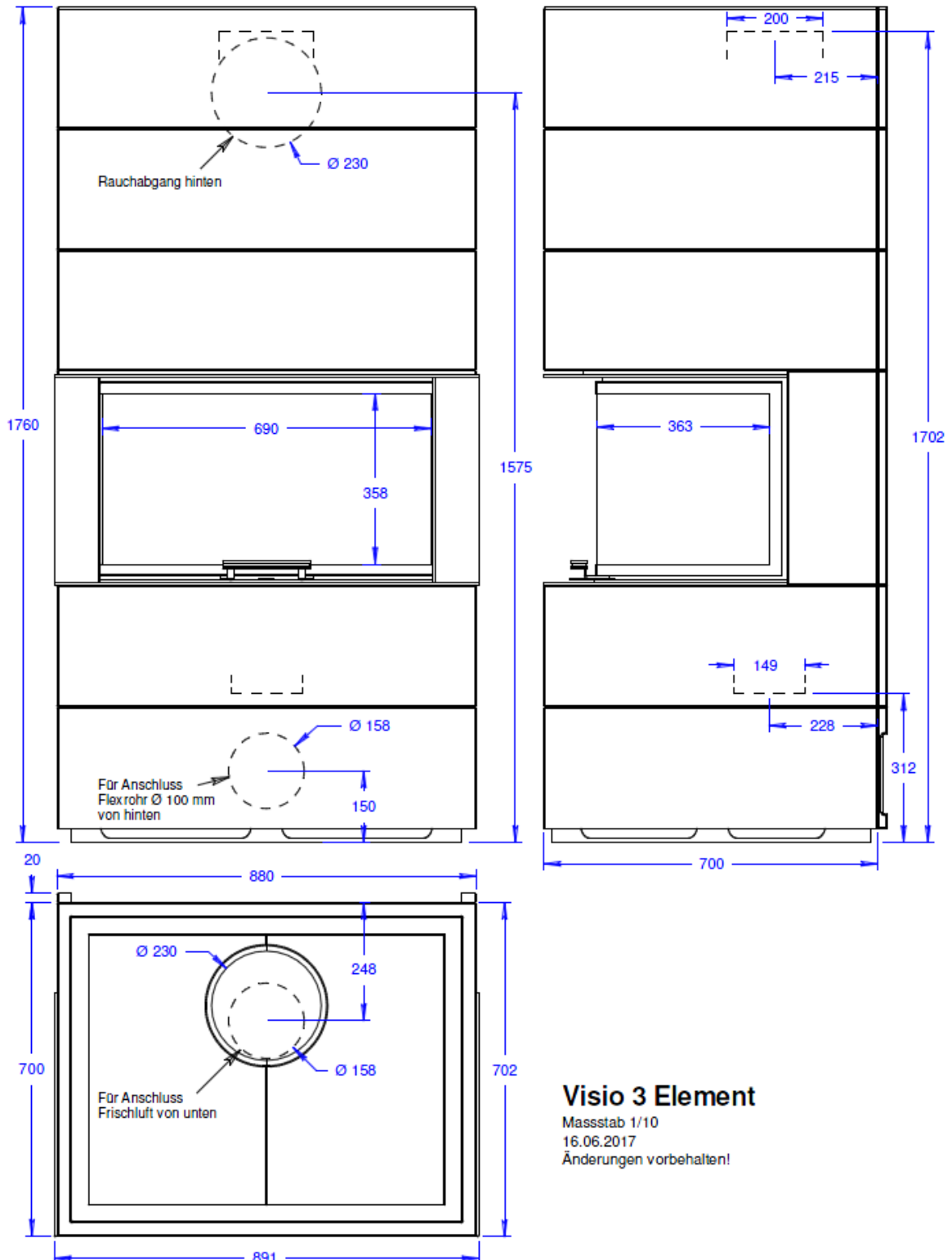
9. Lift element CO-VIS03-070 over the fireplace insert and position.

10. Position top plates CO-VIS03-08A and CO-VIS03-08B on element CO-VIS03-070.

INSTALLATION COMPLETED

## 6. Technical drawing

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### Visio 3 Element

Maßstab 1/10

16.06.2017

Änderungen vorbehalten!