**Installation** Guide

# Eck-Kamin

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made in germany.

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Please also take note of the online product documentation provided by:

**General instructions of the Brunner products installation for the stove construction.**

(https://www.brunner.de/Allgemein/Allgemeine_Hinweise_für_den_Aufbau_en.pdf)


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# 1 PRODUCT DESCRIPTION

Fireplaces manufactured by Ulrich Brunner GmbH are designed and approved as self-closing devices according to EN 13229. Fireplaces with lifting doors can be retrofitted for open door use with available counterweights. Please note, that fireplaces intended for open door use may be connected to a separate chimney only.

Combustion air is supplied through a provided connecting piece. The volume of air supplied for combustion can be controlled by using a combustion air regulator. Eck-Kamins are designed for closed installation without any vents (hypocaust principle). Design of a hypocaust must ensure uninterrupted transfer and even distribution of heat inside the casing, preventing all parts of the heating chamber from overheating. Dimensioning of heat projecting walls of the casing must by adjusted to performance data of the heating device. Thickness of insulation for building walls surrounding the fireplace stated in technical data has been determined during continuous operation with open air vents (safety test according to EN 13229 - heat transfer coefficient of the tested wall at 0,7 W/m2K), and must be amended accordingly for different conditions (for example, by providing air ventilation for walls).

When installing electric or electronic parts (controllers, sensors, cables...) or water-conducting parts, please consider the max. permitted surrounding temperatures for these components.

When setting up a closed system using a fireplace with lifting door, please keep in mind that the surrounding temperature for pulleys of the door lifting mechanism must not exceed 150°C.

| Hood | Door | Heating surface | Designation | Operation mode | Chimney | Start-up flap | Damper flap |
|---|---|---|---|---|---|---|---|
| steel hood | self-closing | - | EN 13229 W | nominal load | multiple connection | - | yes |
| steel hood | non self-closing | - | EN 13229 W | open door / nominal load | separate connection | - | yes |
| cast iron dome | self-closing | metal | EN 13229 WA | accumulation | multiple connection | yes | - |
| cast iron dome | self-closing | ceramic | EN 13229 WA | accumulation | multiple connection | yes | - |
| - | self-closing | modular accumulator | EN 13229 WA | accumulation | multiple connection | - | yes |

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# 2 DELIVERY CONTENTS

The fireplace is delivered on a disposable pallet. The fireclay combustion chamber linings are delivered in a cardboard box on a separate pallet. Parts of deflector plate (if fitted) are stowed inside the combustion chamber.

All necessary accessories used for opening and cleaning of the glass door are inside the unit.

Outside on the protective packaging, you can find a label with detailed description of fireplace type. Please check the contents of your delivery! Any damage occurred during transport or missing parts must be immediately indicated to the supplier!

**Position of the identification plate**

A factory identification plate is located on the fireplace, below the glass door, where it cannot be seen after installation. Additionally, a second identification plate with the same data is attached to your product documentation.

The Eck-Kamin fireplaces (excl. Architektur-Kamin fireplaces) are delivered without a pre-installed smoke hood or dome. The corner variants of Architektur-Kamin fireplaces are delivered with a weld on steel hood; other variants are not possible.

In the dimension sheets of the fireplace series, the construction is shown with one hood option. When a different smoke hood/dome version is being used, please check the dimensions of the hood or dome on the following drawings.

**Cast iron smoke hood**

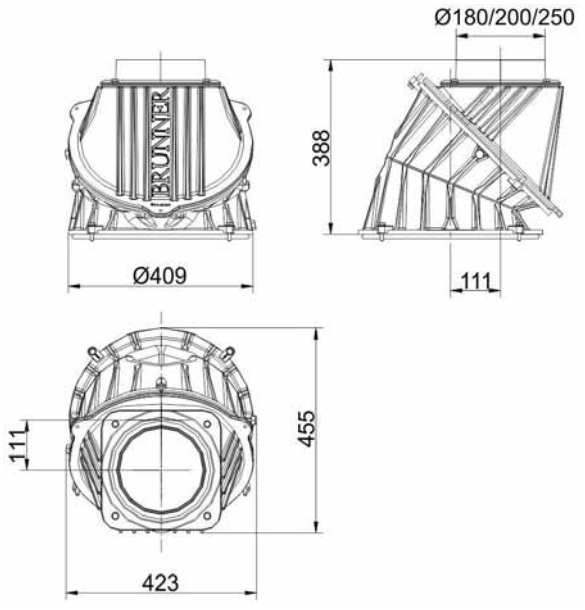



*Illustration 1: cast iron smoke hood vertical outlet*

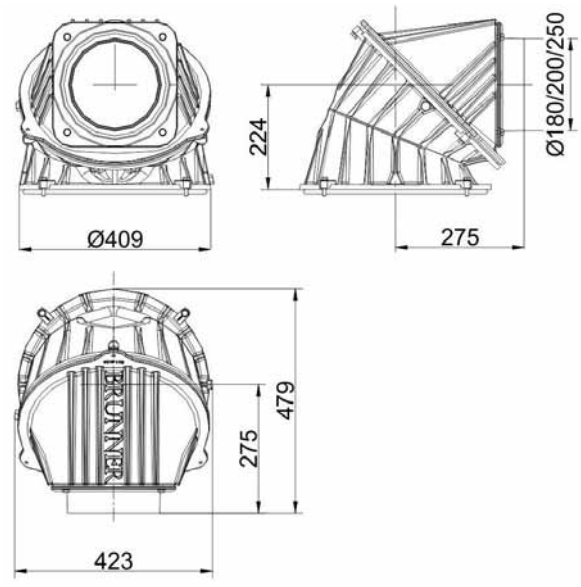



*Illustration 2: cast iron smoke hood horizontal outlet*

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## Optional cast iron dome

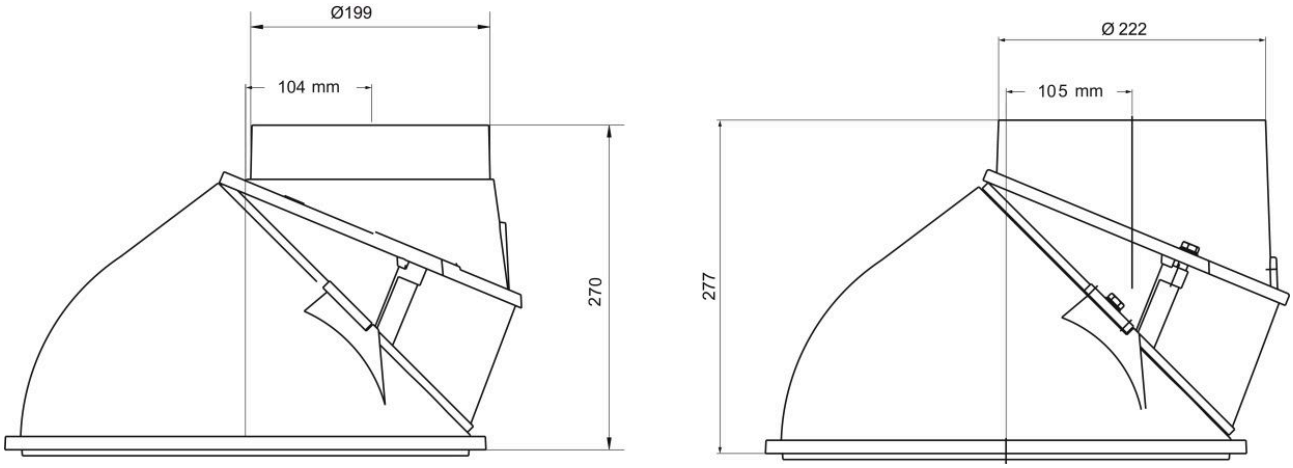



*Illustration 3: Cast iron dome , diameter 200/225 mm*

## Optional ceramic top-mount accumulator

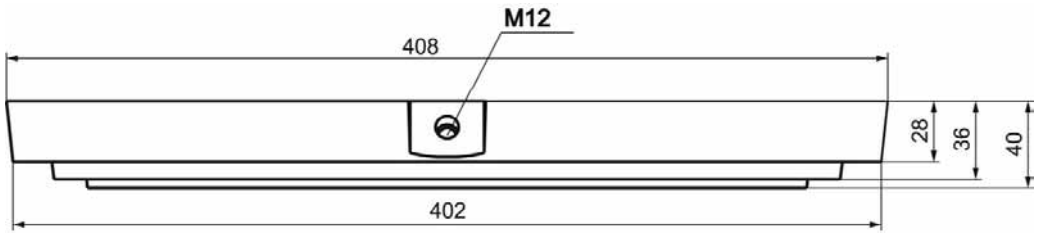



*Illustration 4: Mounting ring*

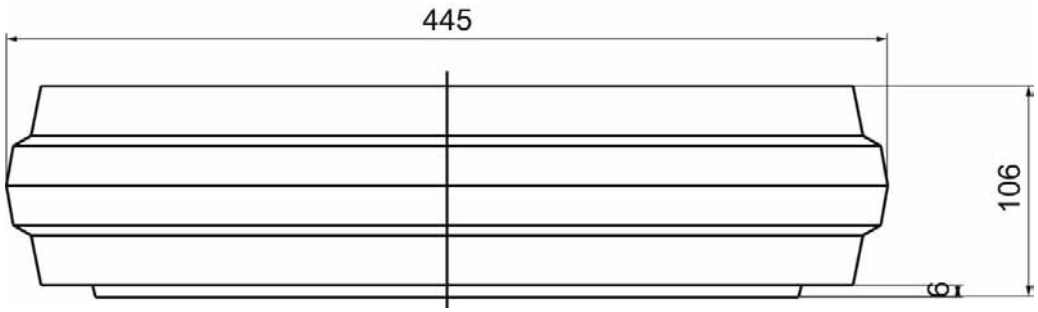



*Illustration 5: Single module*

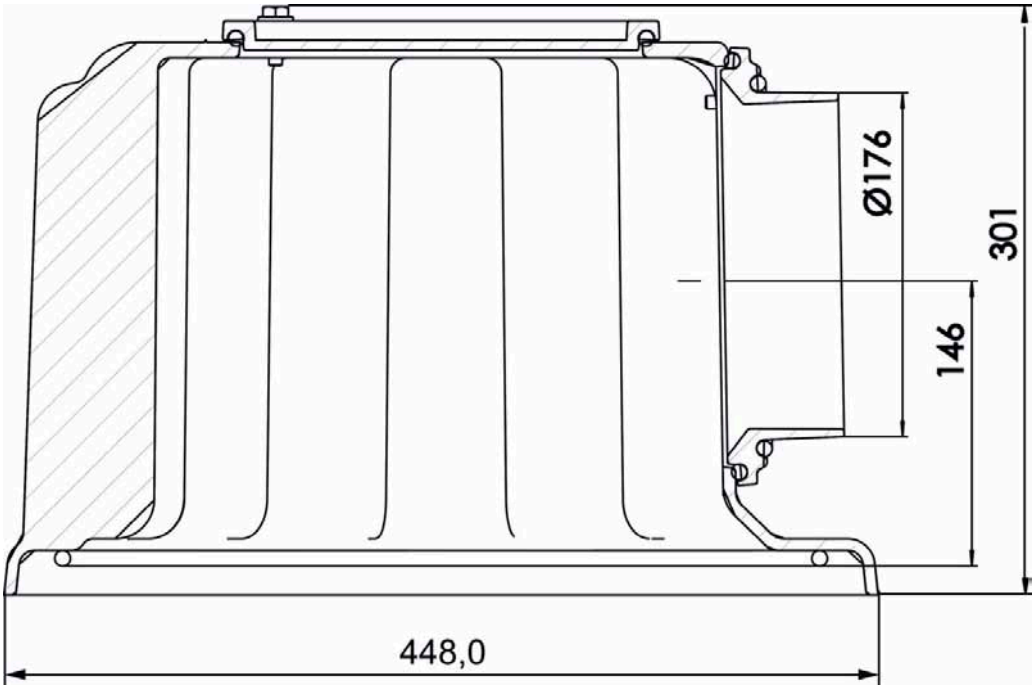



*Illustration 6: Iron top cover for MAS (Ø160 / Ø180 / Ø200 mm)*

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# 3 FLUE LIMITING DEVICE

It is recommended to install a flue limiting device in the smoke pipe connecting piece. The flap must be easy to operate and the position of the flap must be recognizable from outside by looking at the handle. The flap must retain its desired position and cannot close by it self. The damper flap must have openings around it, that are not less than 3% of the cross-sectional area, but at least 20 $cm^2$ wide.

# 4 INSTALLATION

**CAUTION:** It is absolutely necessary to observe fire safety guidelines regarding heat insulation and ventilation openings. When to much wood is loaded into an Eck-Kamin fireplace, the chimney and/or surrounding structures/furniture may become overheated. Fire hazard!

Set the Eck-Kamin vertically in the desired location. Any differences in height can be compensated using the adjustable feet. Please respect the admissible floor load. For units with lifting doors it is necessary to remove the transportation locks (see labels on both sides of the lifting door).

Before you begin the construction work, please check the self-closing door function first and then secure the glass door in the highest position. Hint: Cover the glass and door handle with cling film (do not use self-adhesive films) to prevent dirt deposits. Remember to remove the cling film before lighting a fire!

**The Eck-Kamin has an integrated combustion air flap.The external air flap is not anymore included in delivery contents.**

Mounting of combustion chamber:

The combustion chamber must be assembled according to installation instructions attached.

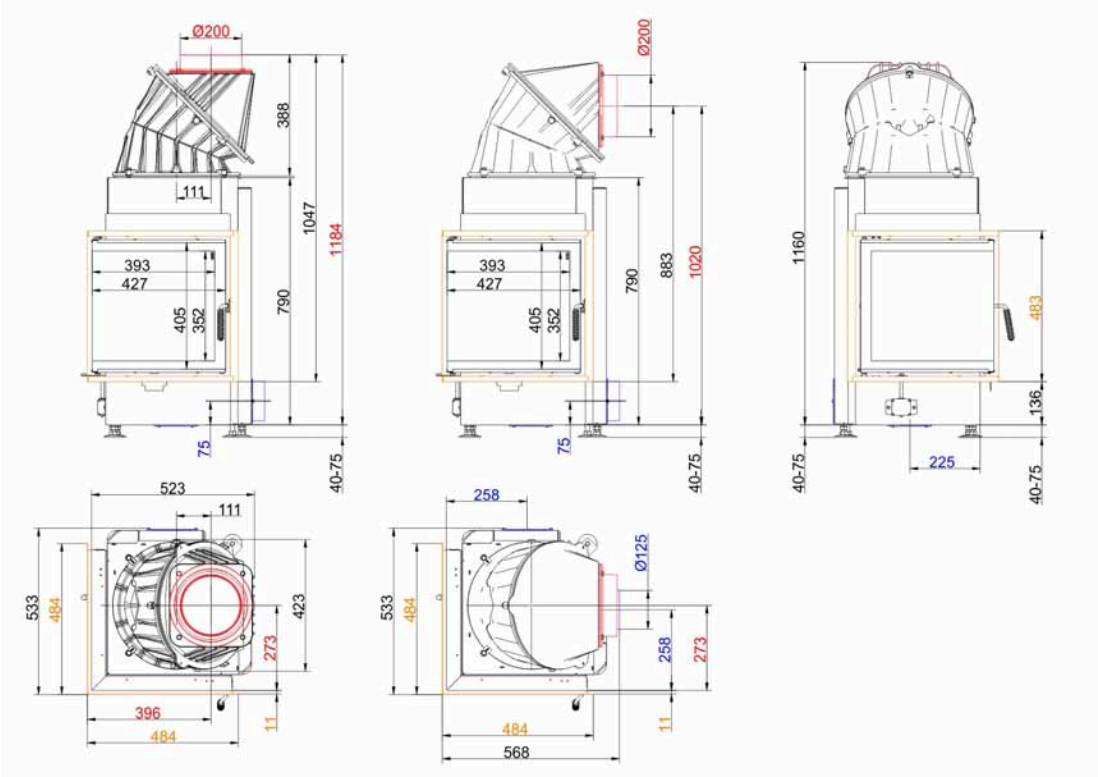
**Cladding of fireplace**

Do not wall in the door frame. An expansion joint must be provided between frame and cladding material.

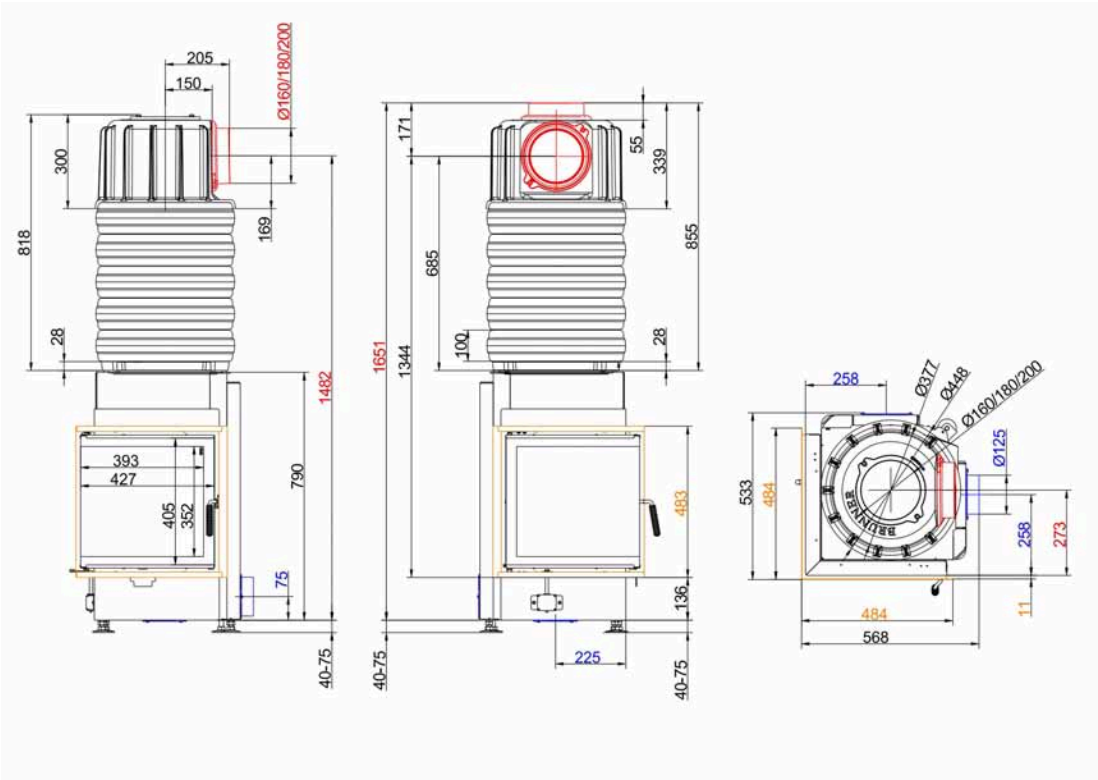


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# Dimension sheets - Eck-Kamin 42/42/42 side-opening door




**… with door frame and cast iron hot air hood**




**… with door frame and MAS**

We suggest for CAD planning Palette CAD. Permanent updated drawings: www.brunner.de
Frames/ flue gas outlet connection/ combustion air supply connection/ front variants/ support bearing are marked in color.

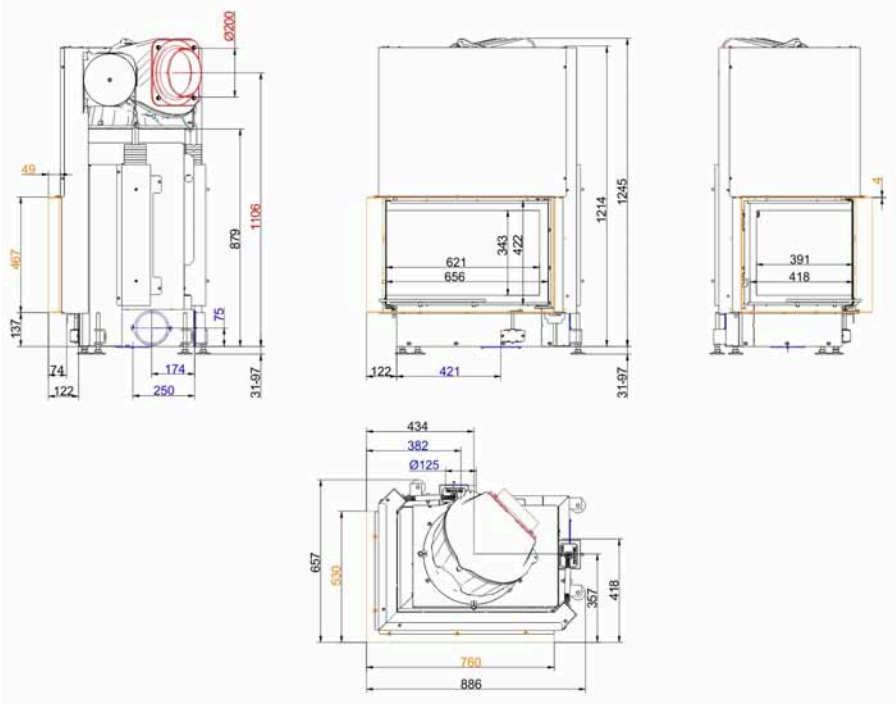
Stand: 2021-11-29

# Planning and installation - Eck-Kamin 42/42/42 side-opening door

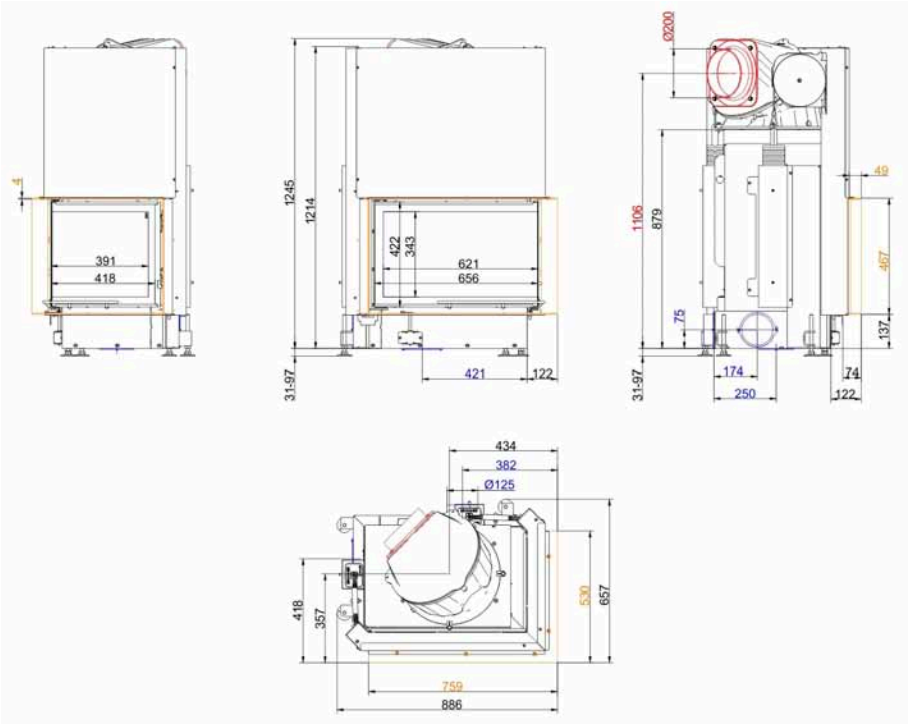
| Tested according to | | EN 13229 W | EN 13229 WA |
|---|---|---|---|
| Values measured at | | Rated power [1] | Storage operation [2] |
| Suitable for all construction types according to rules | | OK | OK |
| **Data for functional demonstration** | | | |
| Rated heat power | kW | 8 | - |
| Fire wood volume | kg/h | 2.7 | 5 |
| Combustion performance | kW | 10 | 22 |
| Flue gas mass flow | g/s | 7.1 | 21 |
| Outlet temperature (before reheating surface) | °C | - | 340 |
| Flue gas temperature after: | | | |
| metalic hot air hood | °C | 210 | 246 |
| 5 x accumulation rings incl. MAS casted cover [3] | °C | - | 210 |
| 1,7 m ceramic accumulator | °C | - | 180 |
| 1,2 m accumulation stones (MSS) [4] | °C | - | 180 |
| Necessary supply pressure | Pa | 12 | 15 |
| Combustion air consumption | m³/h | 28 | 50 |
| Efficiency | % | 80 | 80 |
| Combustion air connection Ø | mm | 125 | 125 |
| **Heat distribution** | | | |
| Insert / reheating surface | % | 25 / 30 | 25 / 30 |
| Glass pane (single / double) | % | 45 / - | 45 / - |
| **Cross-section of gratings [5]** | | | |
| Convection air | cm² | 800 / 100 / - | 500 / 100 / 300 |
| Supply air | cm² | 800 / 100 / - | 500 / 100 / 300 |
| **Minimal oven surface for closed construction type** | | | |
| Heat dissipating surface | m² | 4 | 4 |
| **Minimal distances of the fireplace** | | | |
| to cladding, insulation layer | cm | 6 | 6 |
| to mounting floor | cm | 4 | 4 |
| **Thermal insulation without / with air gratings [6]** | | | |
| Mounting wall | cm | 14 / 12 | 14 / 12 |
| Floor | cm | 2 / 2 | 2 / 2 |
| Ceiling | cm | 16 / 14 | 16 / 14 |
| Brick lining for combustible wall | cm | 10 | 10 |
| **Weight** | | | |
| Fireplace / combustion chamber | kg | 104 / 37 / - | |
| **Meets requirement/limit values for:** | | | |
| Germany/ Austria / Switzerland / Norway | | 1.BImSchV (Stufe 2) / 15a BVG (2015) / LRV / NS 3059 | |

1) Indications to "Rated power" determined with metallic reheating surface
2) Indications to "Storage operation" for the manual execution of the reheating surface (reference values for the specialist)
3) Damper flap recommended
4) Standard value or calculated functional proof required
5) for fireplace inserts / flue gas pipe / metallic reheating surface
6) Values determined with upper air cross-sections; stove cladding is heat emitting.

# Dimension sheets - Architektur-Eck 45/67/44



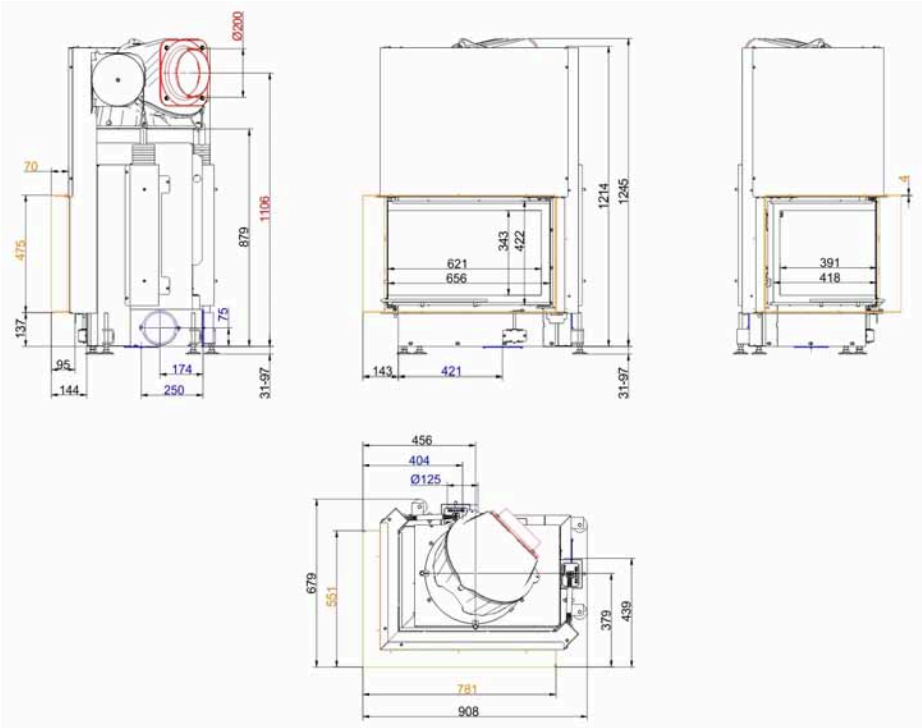

**… left with mounting frame 50 mm and cast iron hot air hood**



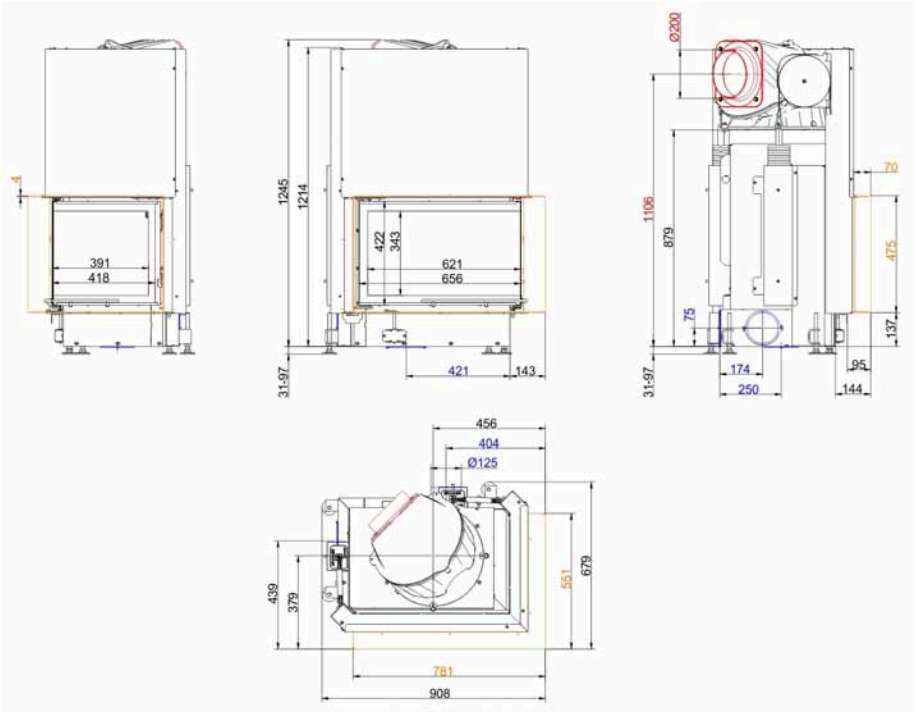

**… right with mounting frame 50 mm and cast iron hot air hood**

Stand: 2021-11-29

# Dimension sheets - Architektur-Eck 45/67/44

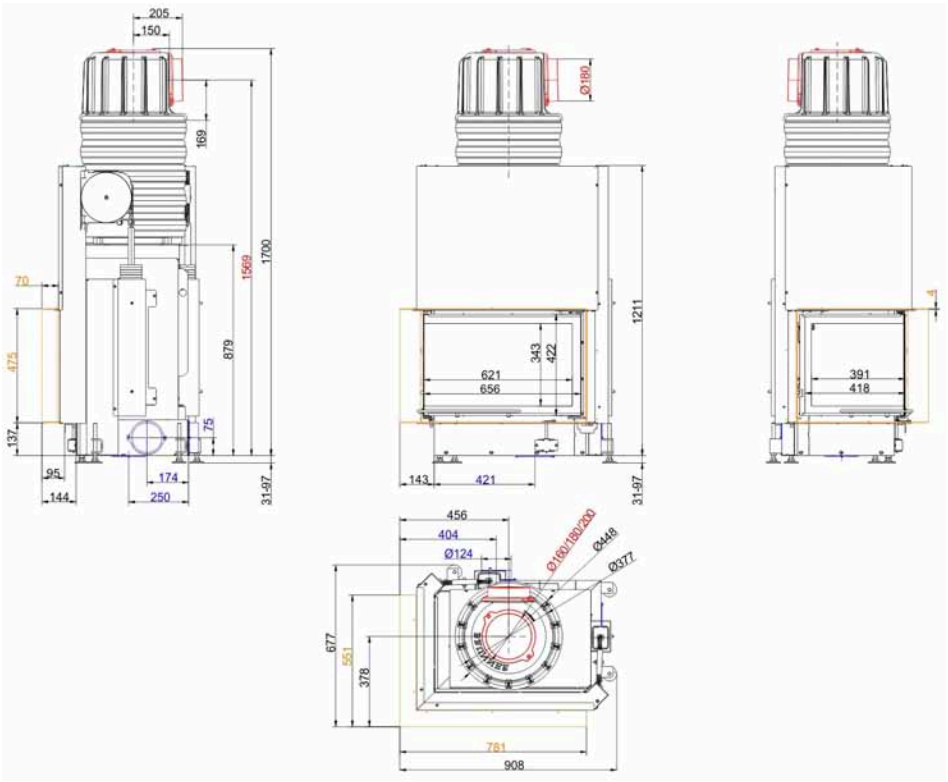



**… left with mounting frame 70 mm and cast iron hot air hood**

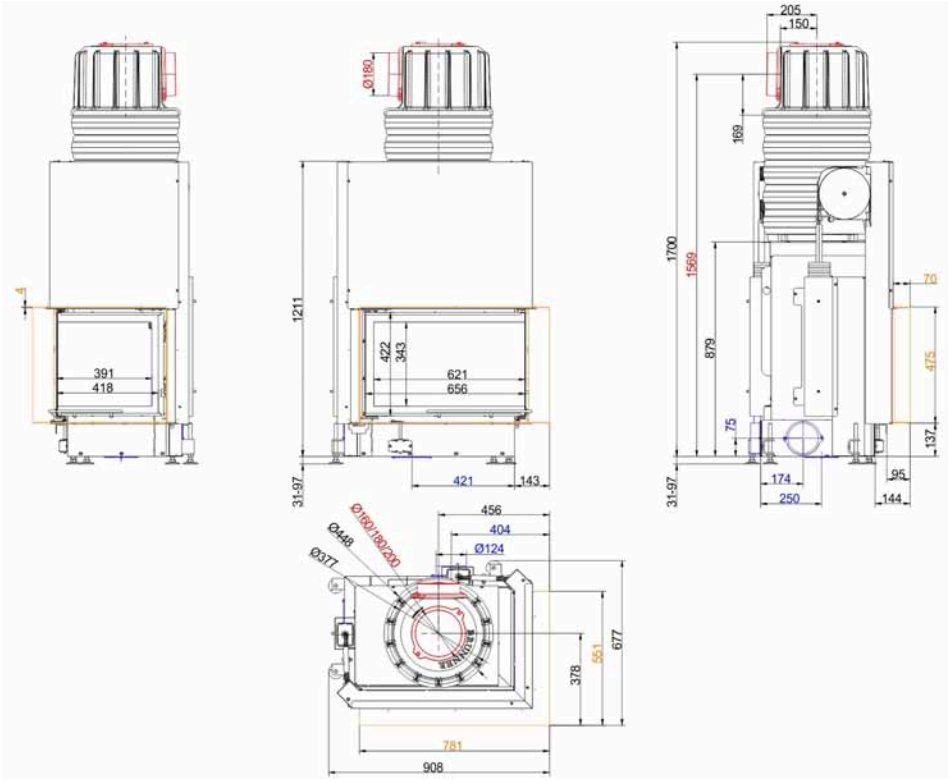



**… right with mounting frame 70 mm and cast iron hot air hood**

# Dimension sheets - Architektur-Eck 45/67/44




**… left with mounting frame 70 mm and MAS**




**… right with mounting frame 70 mm and MAS**

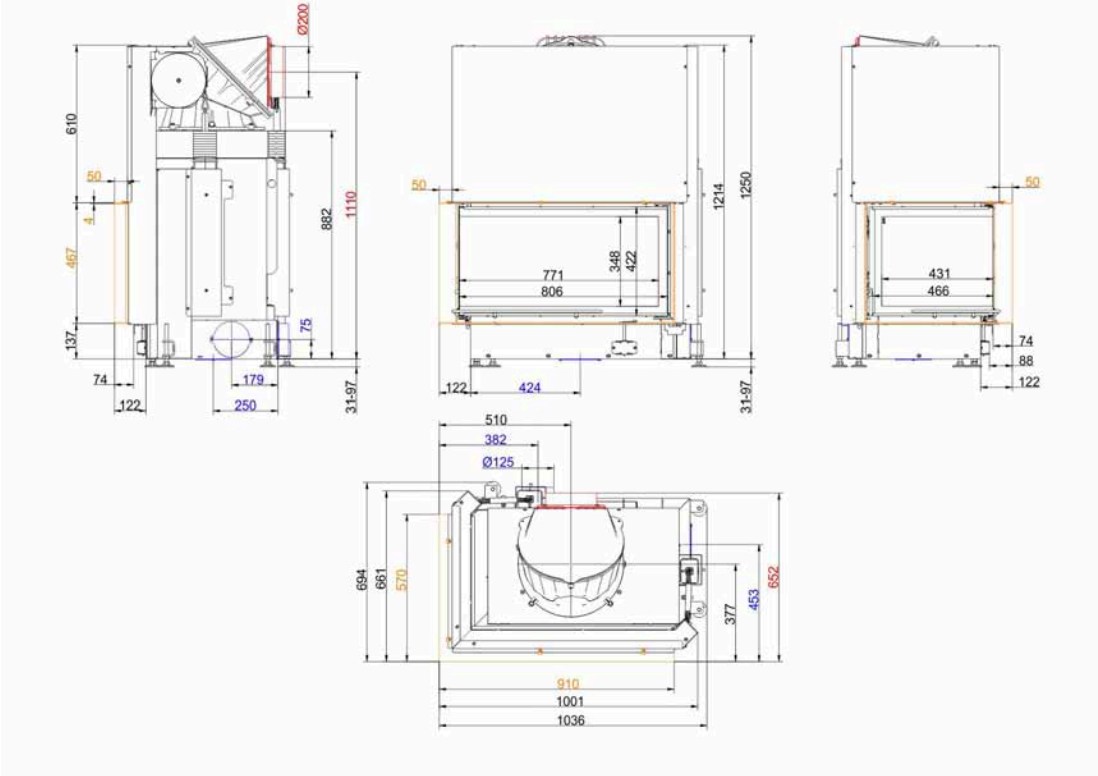
We suggest for CAD planning Palette CAD. Permanent updated drawings: www.brunner.de
Frames/ flue gas outlet connection/ combustion air supply connection/ front variants/ support bearing are marked in color.

# Planning and installation - Architektur-Eck 45/67/44

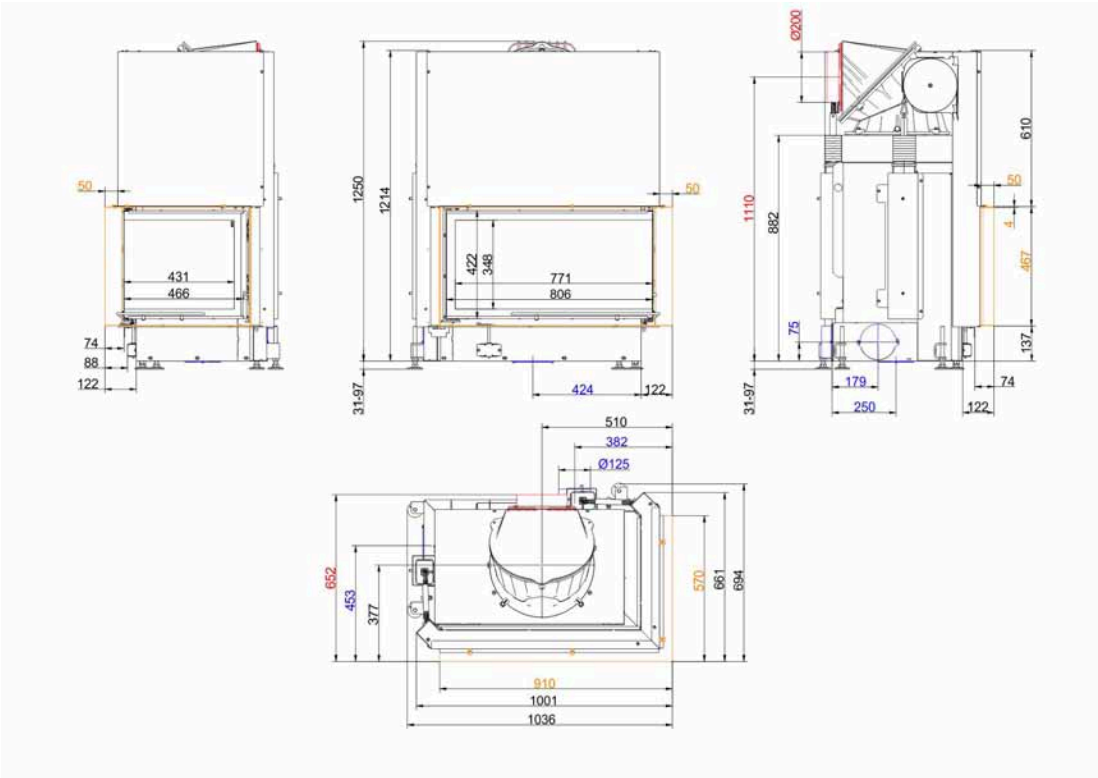
| Tested according to | | EN 13229 W | EN 13229 WA |
|---|---|---|---|
| Values measured at | | Rated power [1] | Storage operation [2] |
| Suitable for all construction types according to rules | | OK | OK |
| **Data for functional demonstration** | | | |
| Rated heat power | kW | 11 | - |
| Fire wood volume | kg/h | 3.2 | 5 |
| Combustion performance | kW | 14 | 22 |
| Flue gas mass flow | g/s | 13 | 19 |
| Outlet temperature (before reheating surface) | °C | - | 330 |
| Flue gas temperature after: | | | |
| cast iron hot air hood | °C | 225 | 255 |
| 1 x adjoining cast iron radiator (GNF 8/10) | °C | - | 151 |
| 5 x accumulation rings incl. MAS casted cover [3] | °C | - | 220 |
| 2,0 m ceramic accumulator | °C | - | 180 |
| 1,4 m accumulation stones (MSS) [4] | °C | - | 180 |
| Necessary supply pressure | Pa | 13 | 15 |
| Combustion air consumption | $m^3/h$ | 32 | 50 |
| Combustion air connection Ø | mm | 125 | 125 |
| **Heat distribution** | | | |
| Insert / reheating surface | % | 25 / 30 | 25 / 30 |
| Glass pane (single / double) | % | 45 / - | 45 / - |
| **Cross-section of gratings [5]** | | | |
| Convection air | $cm^2$ | 650 / 100 / 350 | 650 / 100 / 350 |
| Supply air | $cm^2$ | 650 / 100 / 350 | 650 / 100 / 350 |
| **Minimal oven surface for closed construction type** | | | |
| Heat dissipating surface | $m^2$ | 4.5 | 4.5 |
| **Minimal distances of the fireplace** | | | |
| to cladding, insulation layer | cm | 6 | 6 |
| to mounting floor | cm | 15 | 15 |
| **Thermal insulation without / with air gratings [6]** | | | |
| Mounting wall | cm | 14 / 10 | 14 / 10 |
| Floor | cm | 2 / 2 | 2 / 2 |
| Ceiling | cm | 19 / 14 | 19 / 14 |
| Brick lining for combustible wall | cm | 10 | 10 |
| **Weight** | | | |
| Fireplace / combustion chamber | kg | 213 / 56 | |
| **Meets requirement/limit values for:** | | | |
| Germany/ Austria / Switzerland / Norway | | 1.BImSchV (Stufe 2) / 15a<br>BVG (2015) / LRV / NS 3059 | |

1) Indications to "Rated power" determined with metallic reheating surface
2) Indications to "Storage operation" for the manual execution of the reheating surface (reference values for the specialist)
3) Damper flap recommended
4) Standard value or calculated functional proof required
5) for fireplace inserts / flue gas pipe / metallic reheating surface
6) Values determined with upper air cross-sections; stove cladding is heat emitting.

# Dimension sheets - Architektur-Eck 45/82/48

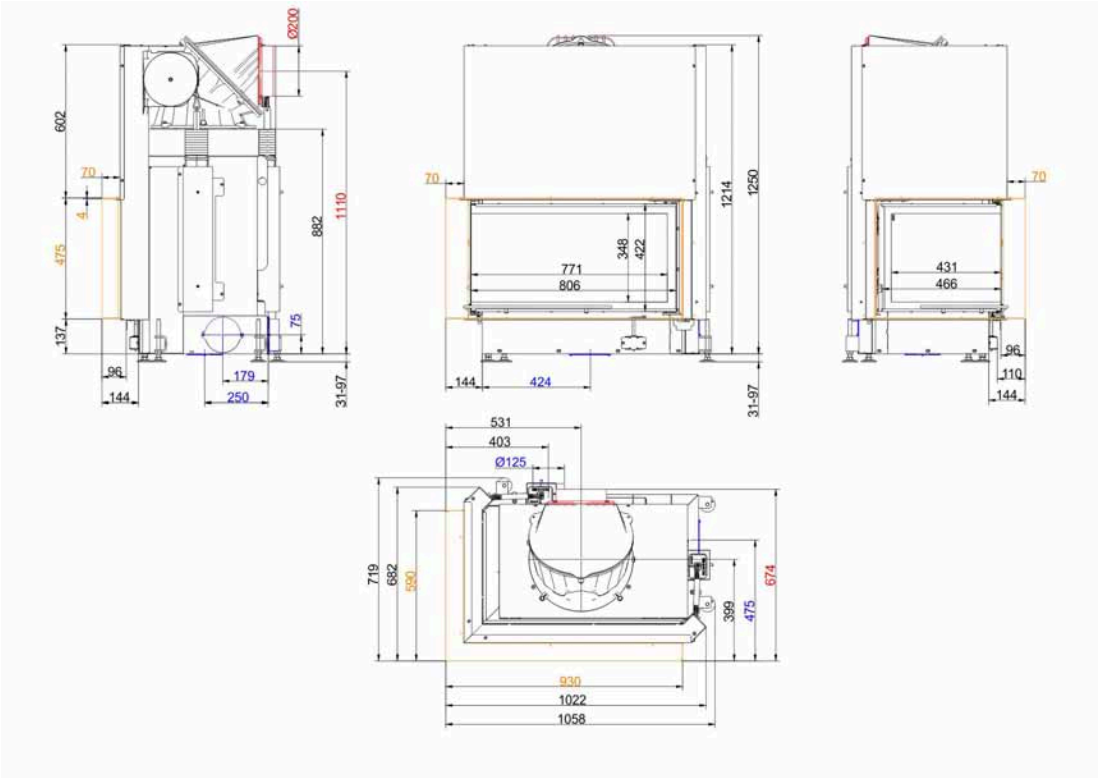



**… left with mounting frame 50 mm and cast iron hot air hood**

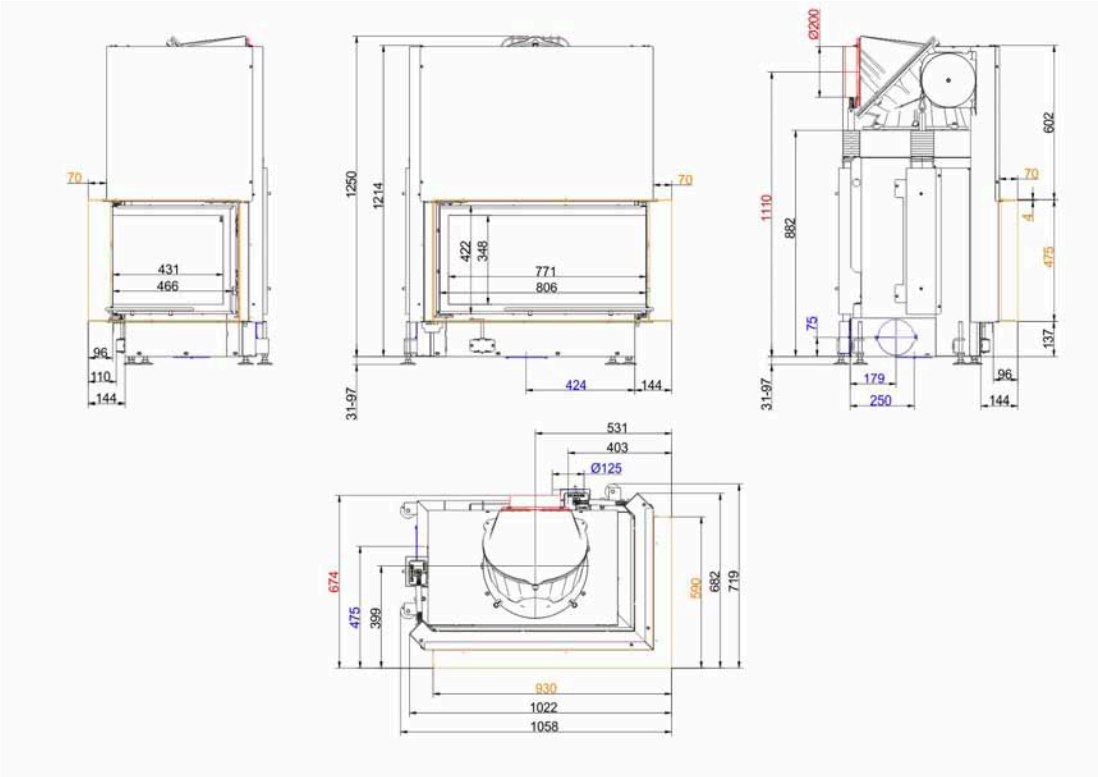



**… right with mounting frame 50 mm and cast iron hot air hood**

# Dimension sheets - Architektur-Eck 45/82/48

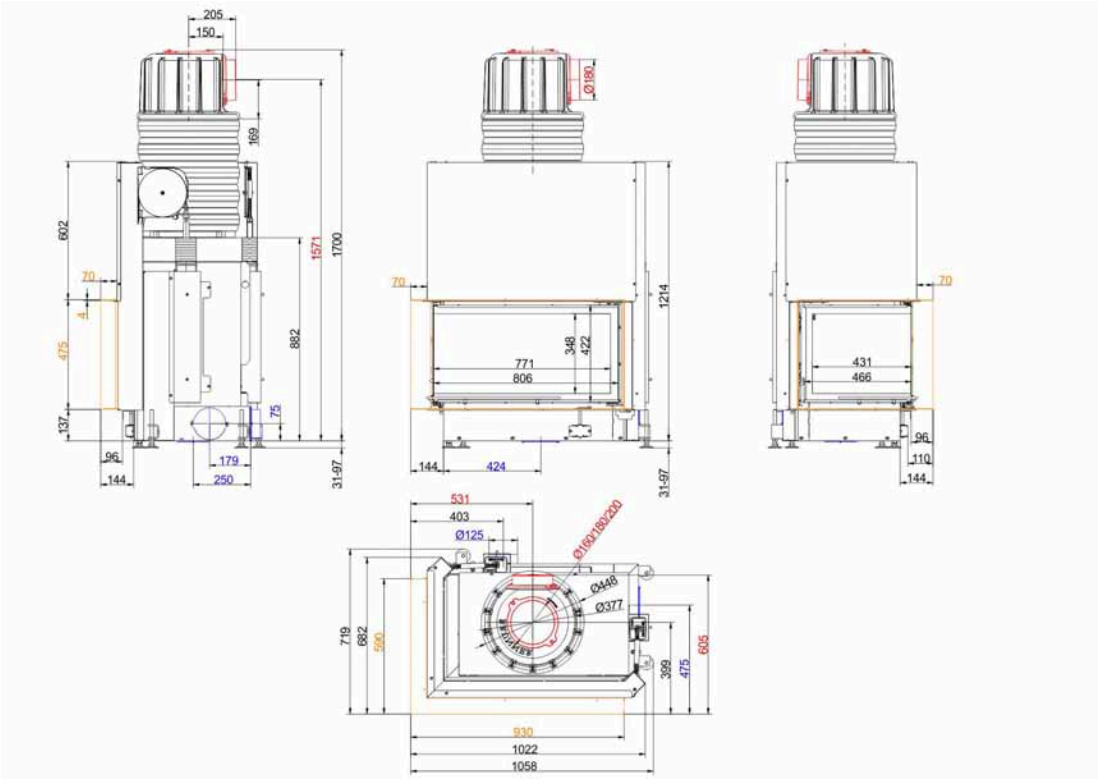



**… left with mounting frame 70 mm and cast iron hot air hood**

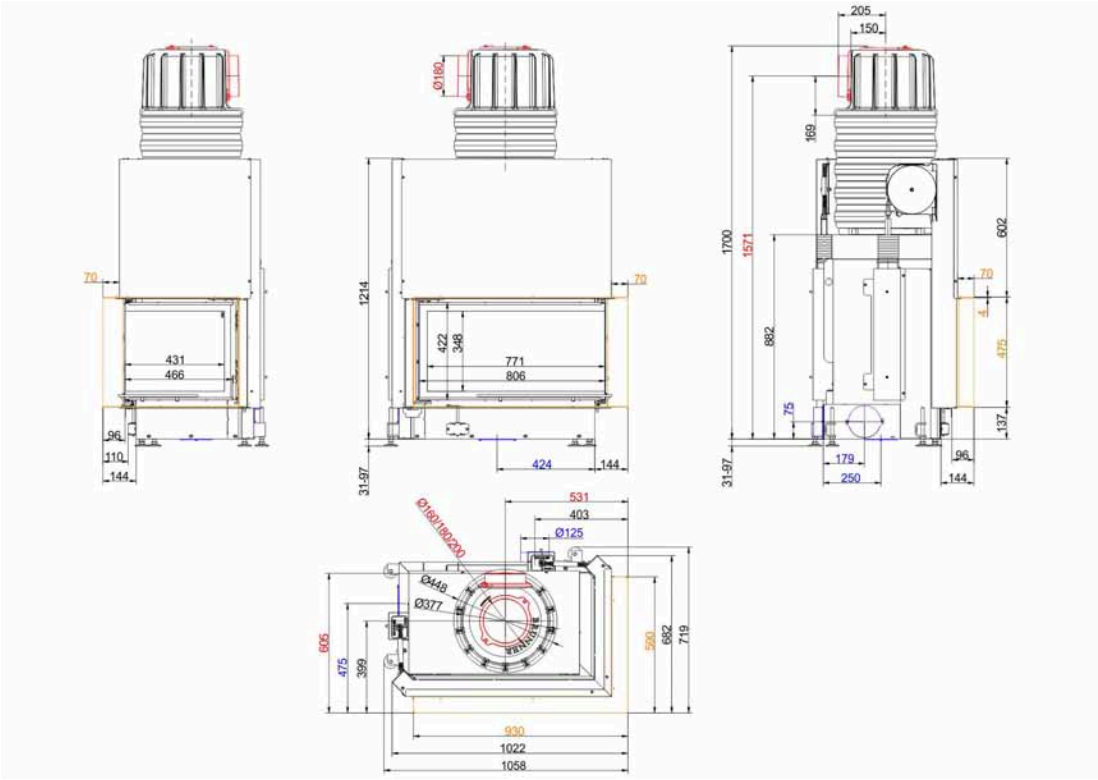



**… right with mounting frame 70 mm and cast iron hot air hood**

# Dimension sheets - Architektur-Eck 45/82/48




**… left with mounting frame 70 mm and MAS**




**… right with mounting frame 70 mm and MAS**

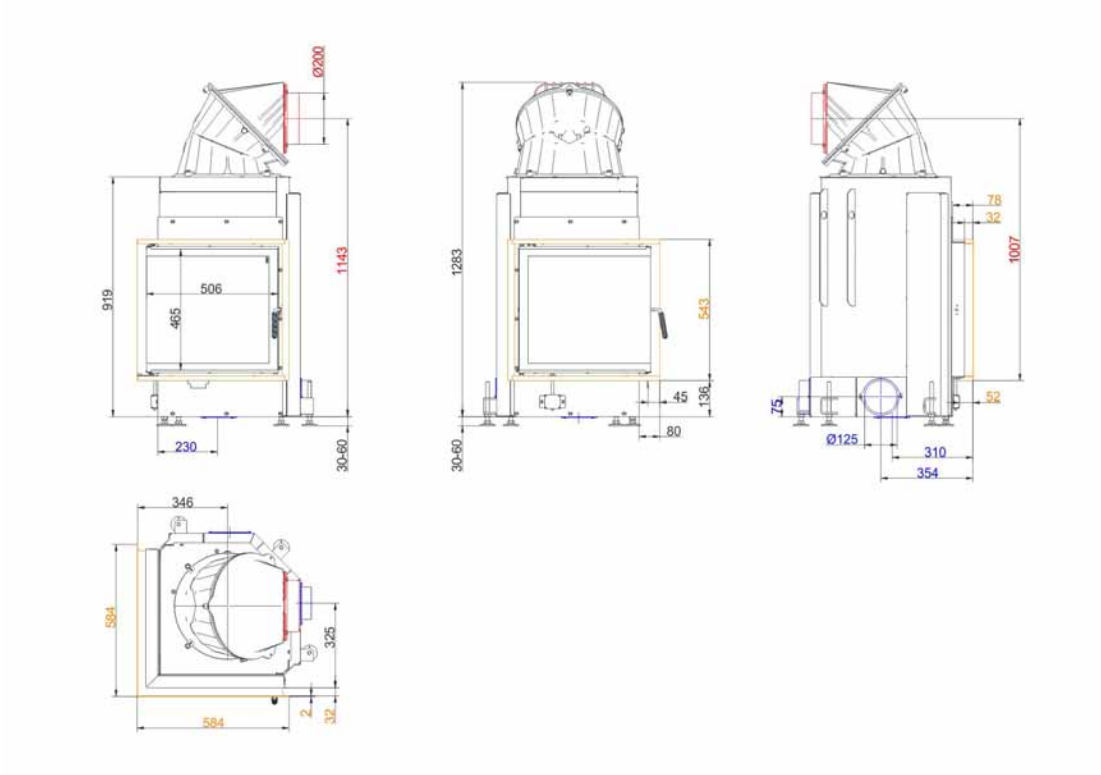
We suggest for CAD planning Palette CAD. Permanent updated drawings: www.brunner.de
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# Planning and installation - Architektur-Eck 45/82/48

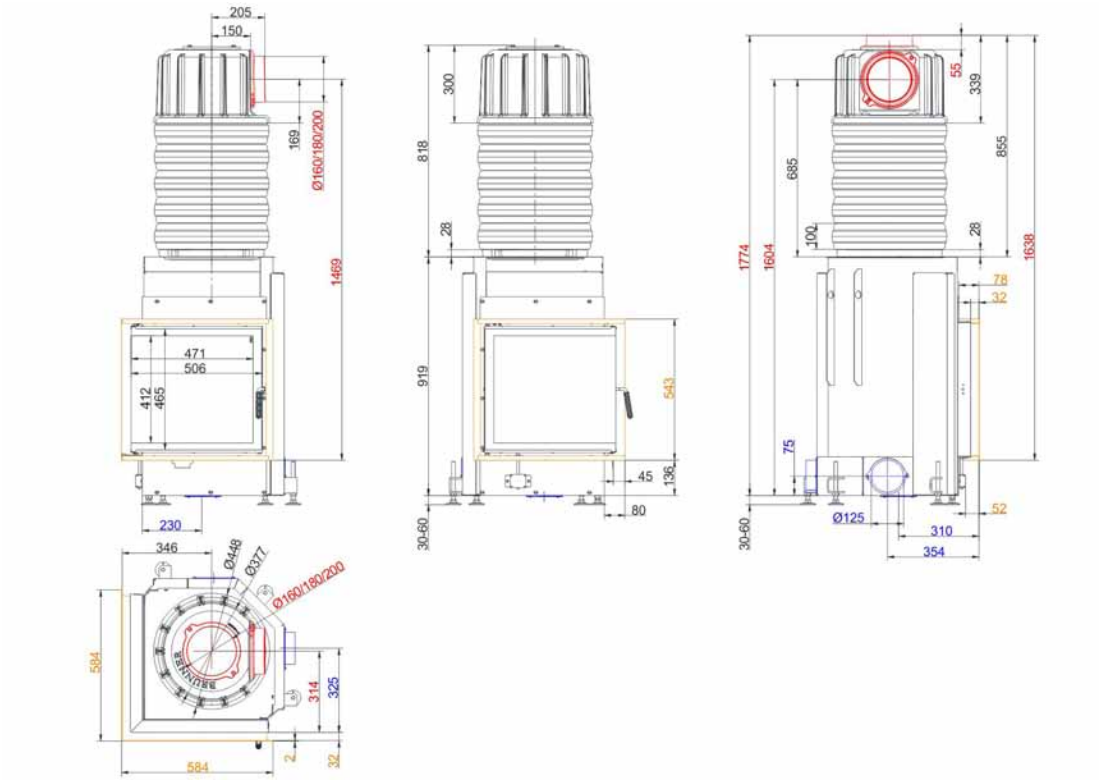
| Tested according to | | EN 13229 W | EN 13229 WA |
|---|---|---|---|
| Values measured at | | Rated power [1] | Storage operation [2] |
| Suitable for all construction types according to rules | | OK | OK |
| **Data for functional demonstration** | | | |
| Rated heat power | kW | 12 | - |
| Fire wood volume | kg/h | 3.6 | 5 |
| Combustion performance | kW | 16 | 22 |
| Flue gas mass flow | g/s | 11 | 19 |
| Outlet temperature (before reheating surface) | °C | - | 325 |
| Flue gas temperature after: | | | |
| cast iron hot air hood | °C | 195 | 260 |
| 1 x adjoining cast iron radiator (GNF 8/10) | °C | - | 142 |
| 5 x accumulation rings incl. MAS casted cover [3] | °C | - | 200 |
| 2 m ceramic accumulator [4] | °C | - | 180 |
| 1,4 m accumulation stones (MSS) [4] | °C | - | 180 |
| Necessary supply pressure | Pa | 12 | 15 |
| Combustion air consumption | $m^3/h$ | 32 | 50 |
| Combustion air connection Ø | mm | 125 | 125 |
| **Heat distribution** | | | |
| Insert / reheating surface | % | 25 / 30 | 25 / 30 |
| Glass pane (single / double) | % | 45 / - | 45 / - |
| **Cross-section of gratings [5]** | | | |
| Convection air | $cm^2$ | 700 / 100 / 400 | 700 / 100 / 400 |
| Supply air | $cm^2$ | 700 / 100 / 400 | 700 / 100 / 400 |
| **Minimal oven surface for closed construction type** | | | |
| Heat dissipating surface | $m^2$ | 5 | 5 |
| **Minimal distances of the fireplace** | | | |
| to cladding, insulation layer | cm | 6 | 6 |
| to mounting floor | cm | 15 | 15 |
| **Thermal insulation without / with air gratings [6]** | | | |
| Mounting wall | cm | 14 / 10 | 14 / 10 |
| Floor | cm | 2 / 2 | 2 / 2 |
| Ceiling | cm | 19 / 14 | 19 / 14 |
| Brick lining for combustible wall | cm | 10 | 10 |
| **Weight** | | | |
| Fireplace / combustion chamber | kg | 238 / 71 | |
| **Meets requirement/limit values for:** | | | |
| Germany/ Austria / Switzerland / Norway | | 1.BImSchV (Stufe 2) / 15a BVG (2015) / LRV / NS 3059 | |

1) Indications to "Rated power" determined with metallic reheating surface
2) Indications to "Storage operation" for the manual execution of the reheating surface (reference values for the specialist)
3) Damper flap recommended
4) Standard value or calculated functional proof required
5) for fireplace inserts / flue gas pipe / metallic reheating surface
6) Values determined with upper air cross-sections; stove cladding is heat emitting.

# Dimension sheets - Eck-Kamin 51/52/52 side-opening door

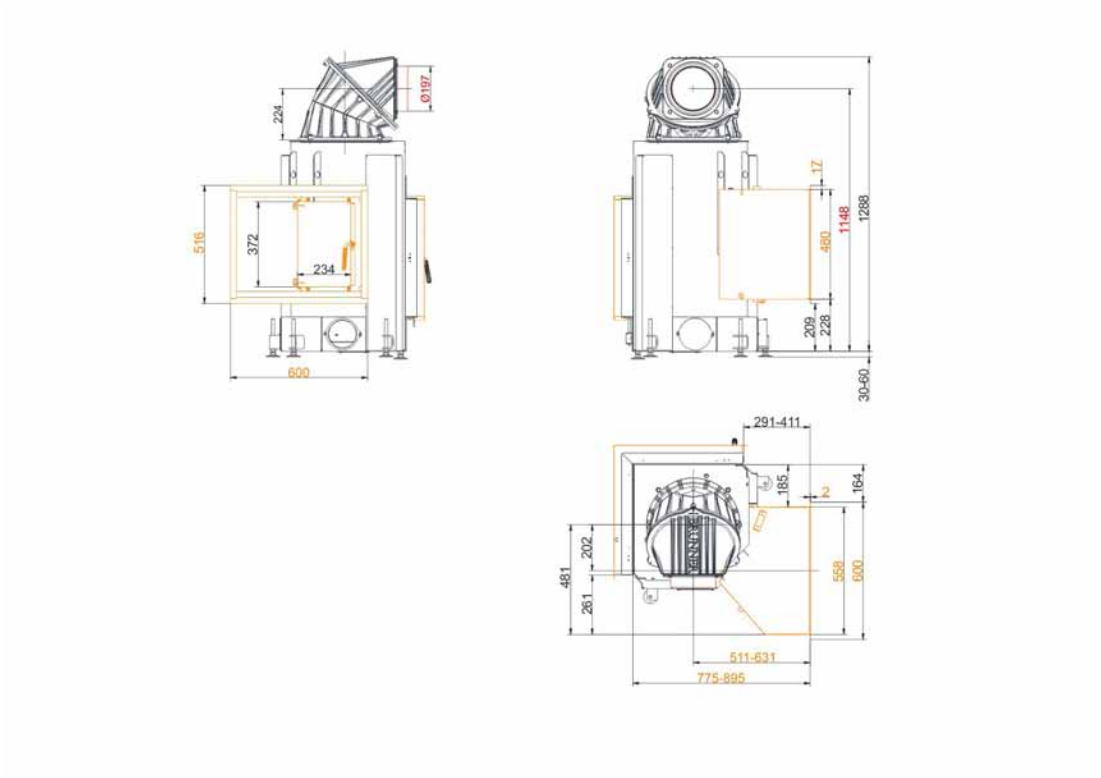



**… with door frame and cast iron hot air hood**

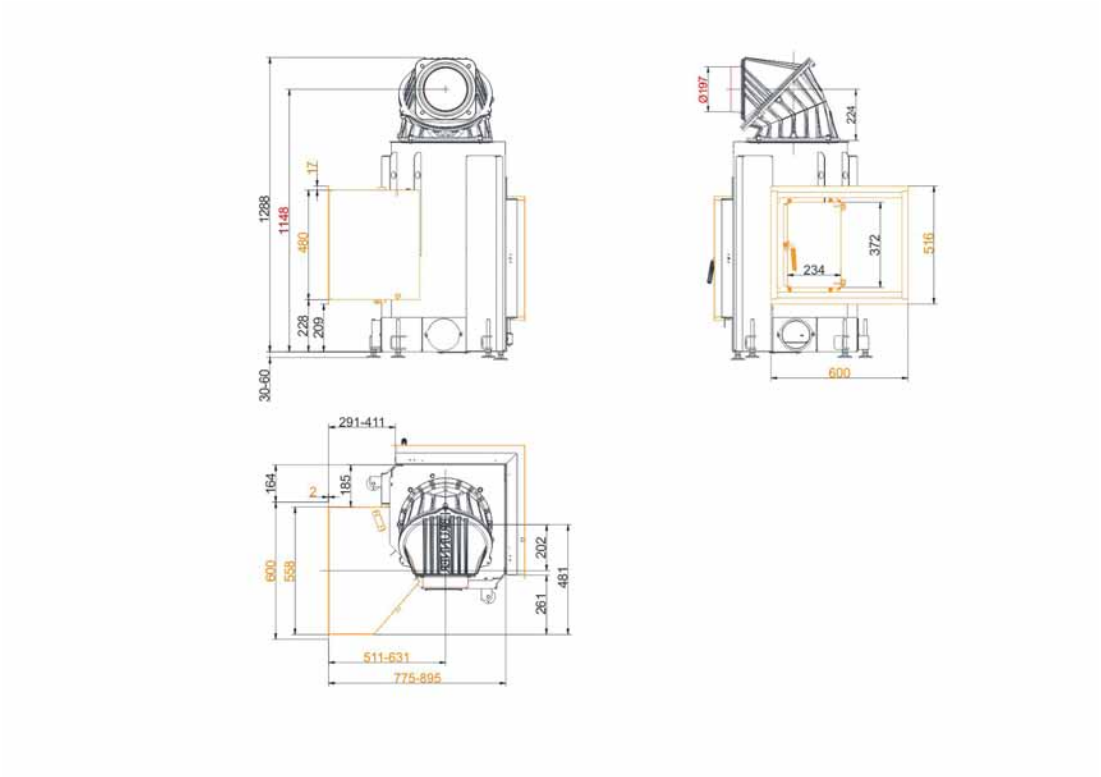



**… with door frame and MAS**

# Dimension sheets - Eck-Kamin 51/52/52 side-opening door




**... with additional door DHT left**




**... with Additional door DHT right side**

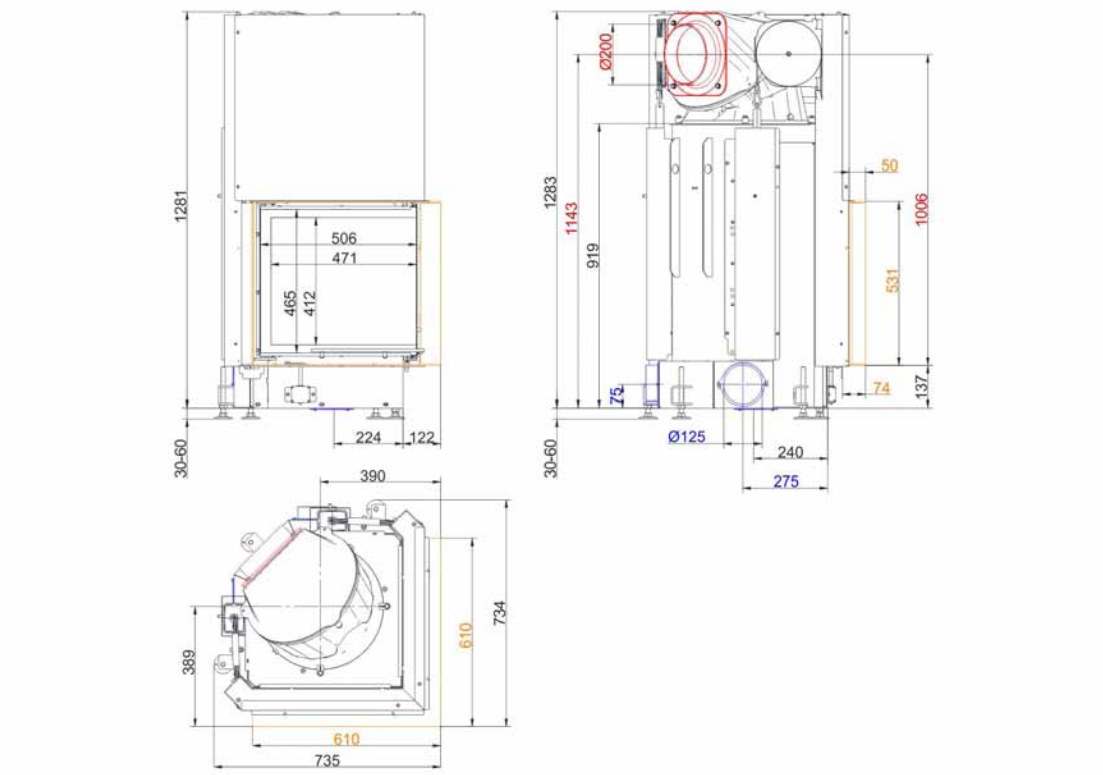
We suggest for CAD planning Palette CAD. Permanent updated drawings: www.brunner.de
Frames/ flue gas outlet connection/ combustion air supply connection/ front variants/ support bearing are marked in color.

# Planning and installation - Eck-Kamin 51/52/52 side-opening door

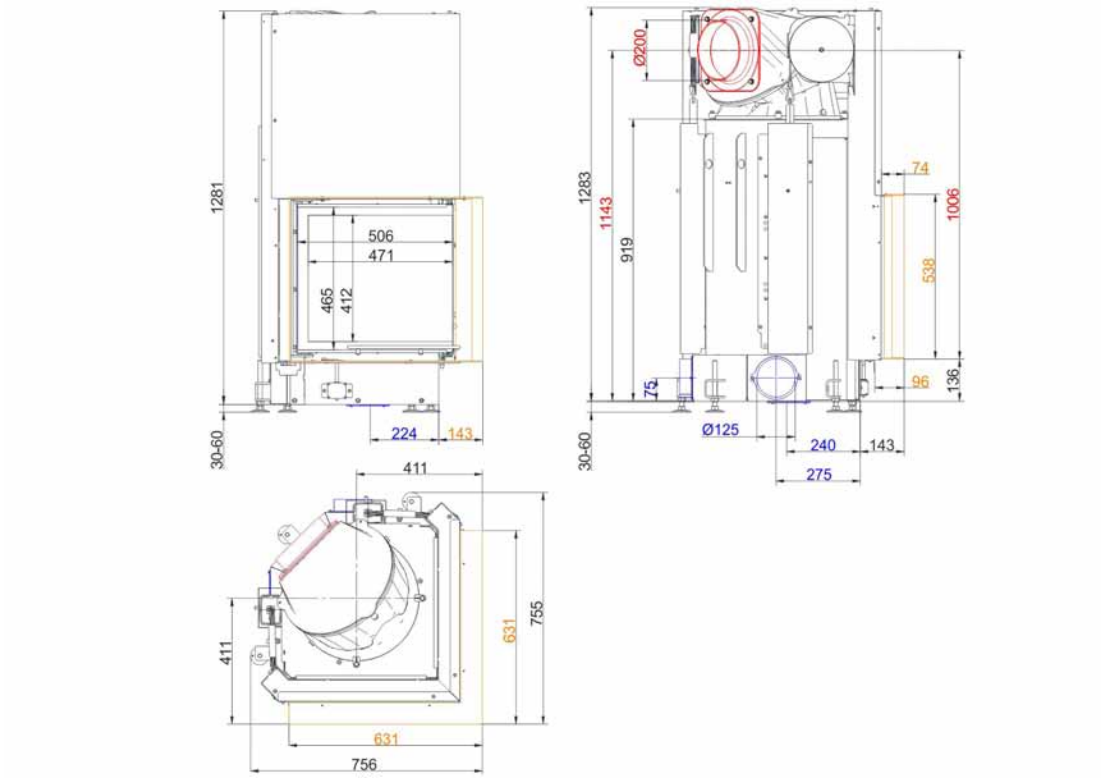
| Tested according to | | EN 13229 W | EN 13229 WA |
|---|---|---|---|
| Values measured at | | Rated power [1] | Storage operation [2] |
| Suitable for all construction types according to rules | | OK | OK |
| **Data for functional demonstration** | | | |
| Rated heat power | kW | 10 | - |
| Fire wood volume | kg/h | 3 | 5 |
| Combustion performance | kW | 13 | 22 |
| Flue gas mass flow | g/s | 12 | 21 |
| Outlet temperature (before reheating surface) | °C | - | 340 |
| Flue gas temperature after: | | | |
| metalic hot air hood | °C | 210 | 246 |
| 1 x adjoining cast iron radiator (GNF 8/10) | °C | - | 124 |
| 5 x accumulation rings incl. MAS casted cover [3] | °C | - | 210 |
| 2 m ceramic accumulator [4] | °C | - | 180 |
| 1,4 m accumulation stones (MSS) [4] | °C | - | 180 |
| Necessary supply pressure | Pa | 13 | 15 |
| Combustion air consumption | $m^3/h$ | 30 | 50 |
| Combustion air connection Ø | mm | 125 | 125 |
| **Heat distribution** | | | |
| Insert / reheating surface | % | 25 / 30 | 25 / 30 |
| Glass pane (single / double) | % | 45 / - | 45 / - |
| **Cross-section of gratings [5]** | | | |
| Convection air | $cm^2$ | 500 / 100 / 300 | 500 / 100 / 300 |
| Supply air | $cm^2$ | 500 / 100 / 300 | 500 / 100 / 300 |
| **Minimal oven surface for closed construction type** | | | |
| Heat dissipating surface | $m^2$ | 4 | 4 |
| **Minimal distances of the fireplace** | | | |
| to cladding, insulation layer | cm | 6 | 6 |
| to mounting floor | cm | 15 | 15 |
| **Thermal insulation without / with air gratings [6]** | | | |
| Mounting wall | cm | 14 / 10 | 14 / 10 |
| Floor | cm | 2 / 2 | 2 / 2 |
| Ceiling | cm | 16 / 12 | 16 / 12 |
| Brick lining for combustible wall | cm | 10 | 10 |
| **Weight** | | | |
| Fireplace / combustion chamber | kg | 123 / 52 | |
| **Meets requirement/limit values for:** | | | |
| Germany/ Austria / Switzerland / Norway | | 1.BImSchV (Stufe 2) / 15a BVG (2015) / LRV / NS 3059 | |

1) Indications to "Rated power" determined with metallic reheating surface
2) Indications to "Storage operation" for the manual execution of the reheating surface (reference values for the specialist)
3) Damper flap recommended
4) Standard value or calculated functional proof required
5) for fireplace inserts / flue gas pipe / metallic reheating surface
6) Values determined with upper air cross-sections; stove cladding is heat emitting.

# Dimension sheets - Eck-Kamin 51/52/52 lifting door (easy-lift)

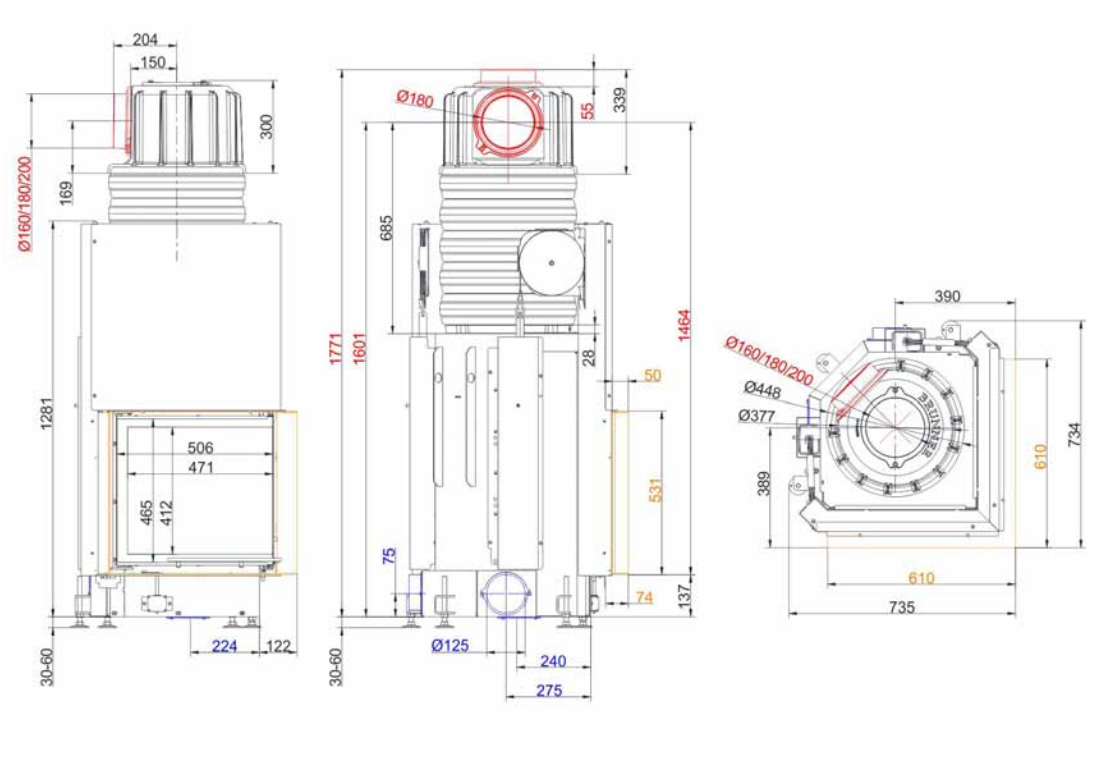



**… with mounting frame 50 mm and cast iron hot air hood**

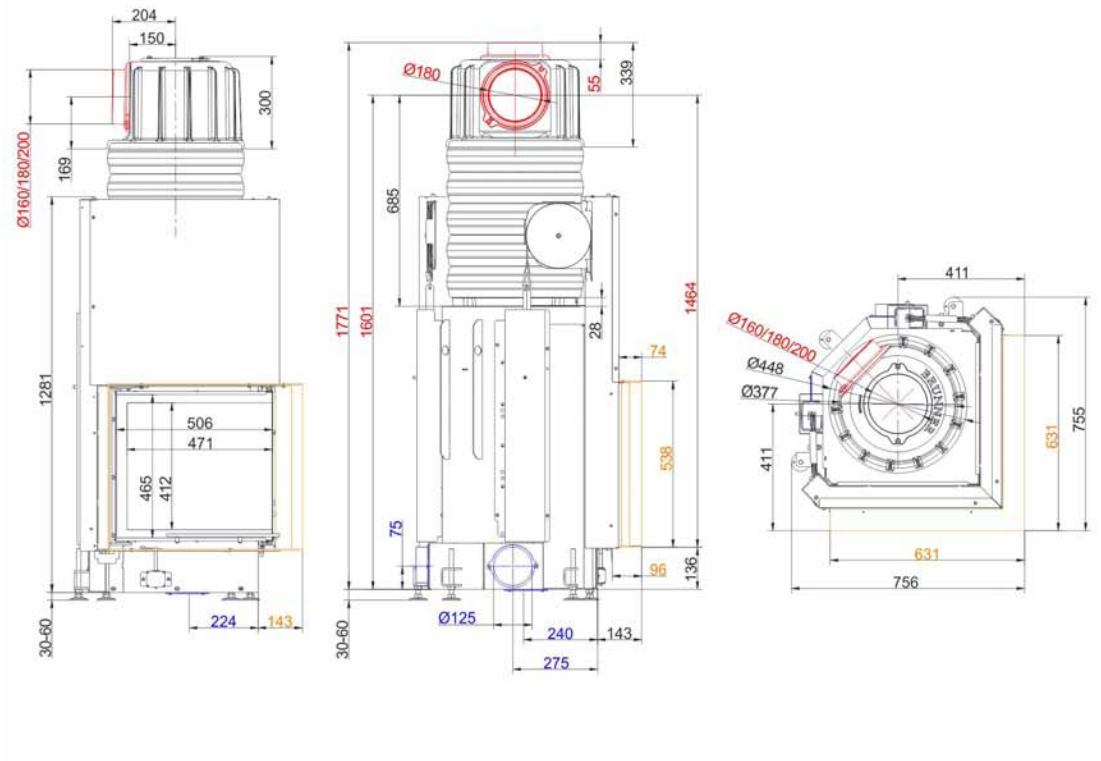



**… with mounting frame 70 mm and cast iron hot air hood**

# Dimension sheets - Eck-Kamin 51/52/52 lifting door (easy-lift)




**… with mounting frame 50 mm and MAS**




**… with mounting frame 70 mm and MAS**

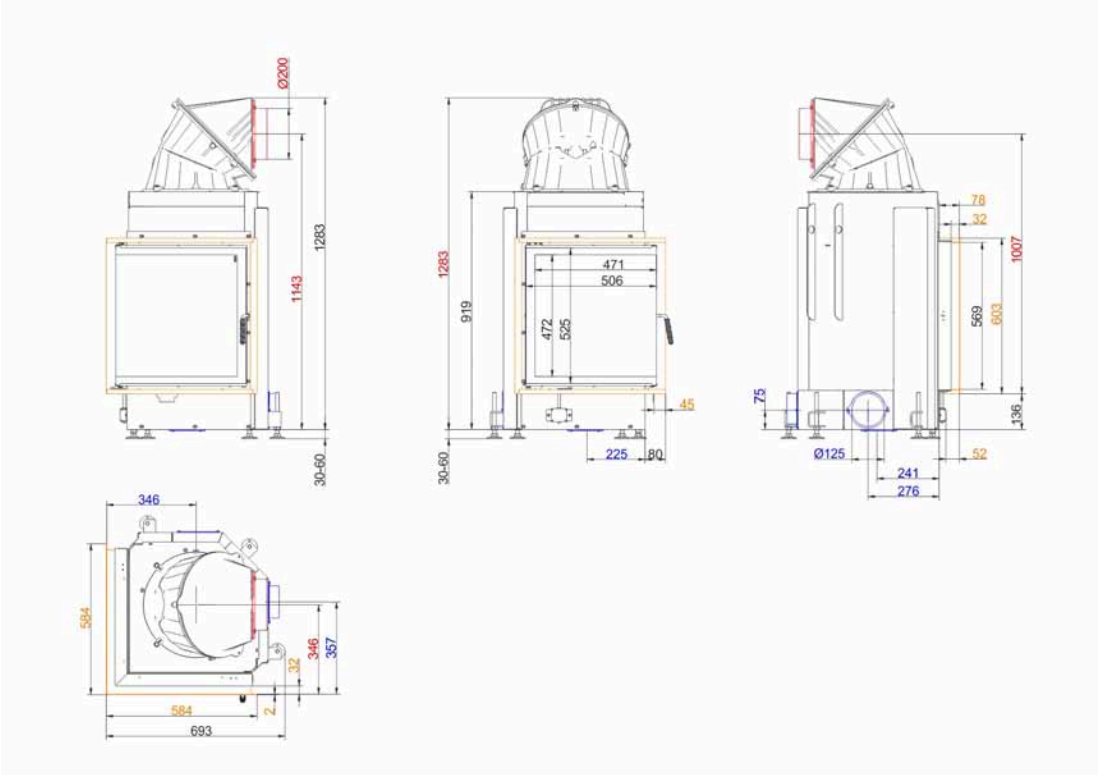
We suggest for CAD planning Palette CAD. Permanent updated drawings: www.brunner.de
Frames/ flue gas outlet connection/ combustion air supply connection/ front variants/ support bearing are marked in color.

# Planning and installation - Eck-Kamin 51/52/52 lifting door (easy-lift)

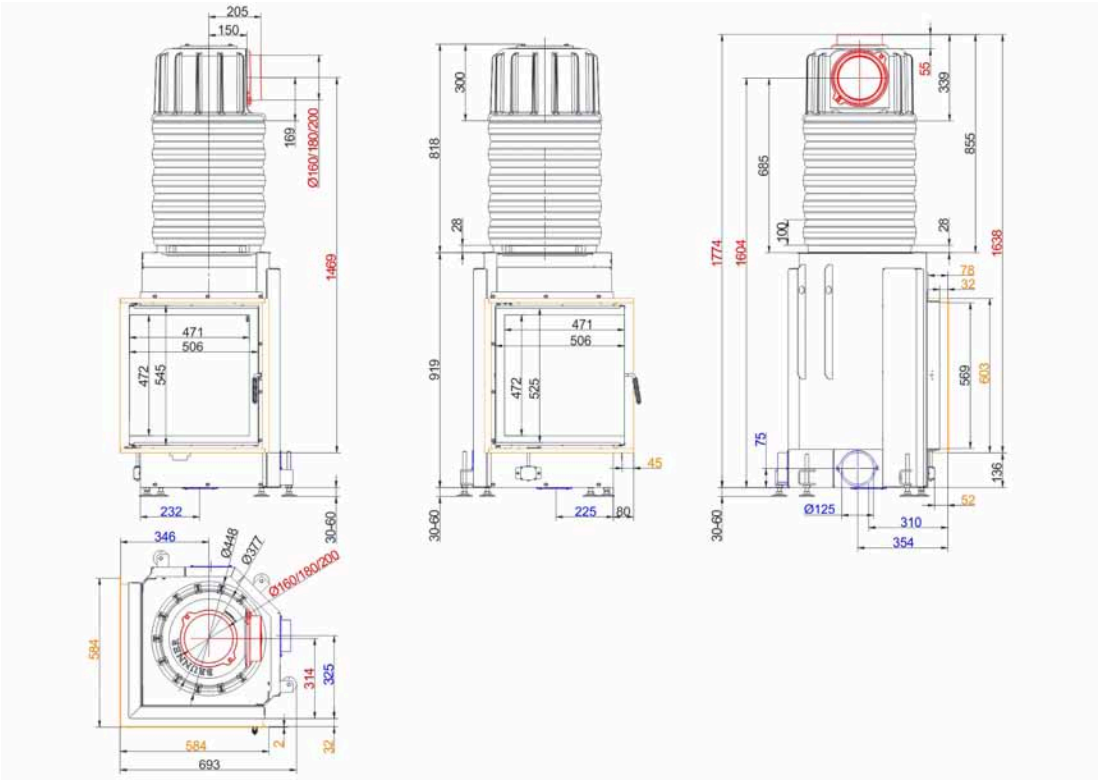
| Tested according to | | EN 13229 W | EN 13229 WA |
|---|---|---|---|
| Values measured at | | Rated power [1] | Storage operation [2] |
| Suitable for all construction types according to rules | | OK | OK |
| **Data for functional demonstration** | | | |
| Rated heat power | kW | 10 | - |
| Fire wood volume | kg/h | 3 | 5 |
| Combustion performance | kW | 13 | 22 |
| Flue gas mass flow | g/s | 12 | 21 |
| Outlet temperature (before reheating surface) | °C | - | 340 |
| Flue gas temperature after: | | | |
| metalic hot air hood | °C | 210 | 246 |
| 1 x adjoining cast iron radiator (GNF 8/10) | °C | - | 124 |
| 5 x accumulation rings incl. MAS casted cover [3] | °C | - | 210 |
| 2 m ceramic accumulator [4] | °C | - | 180 |
| 1,4 m accumulation stones (MSS) [4] | °C | - | 180 |
| Necessary supply pressure | Pa | 13 | 15 |
| Combustion air consumption | $m^3/h$ | 30 | 50 |
| Combustion air connection Ø | mm | 125 | 125 |
| **Heat distribution** | | | |
| Insert / reheating surface | % | 25 / 30 | 25 / 30 |
| Glass pane (single / double) | % | 45 / - | 45 / - |
| **Cross-section of gratings [5]** | | | |
| Convection air | $cm^2$ | 500 / 100 / 300 | 500 / 100 / 300 |
| Supply air | $cm^2$ | 500 / 100 / 300 | 500 / 100 / 300 |
| **Minimal oven surface for closed construction type** | | | |
| Heat dissipating surface | $m^2$ | 4 | 4 |
| **Minimal distances of the fireplace** | | | |
| to cladding, insulation layer | cm | 6 | 6 |
| to mounting floor | cm | 15 | 15 |
| **Thermal insulation without / with air gratings [6]** | | | |
| Mounting wall | cm | 14 / 10 | 14 / 10 |
| Floor | cm | 2 / 2 | 2 / 2 |
| Ceiling | cm | 16 / 12 | 16 / 12 |
| Brick lining for combustible wall | cm | 10 | 10 |
| **Weight** | | | |
| Fireplace / combustion chamber | kg | 208 / 52 | |
| **Meets requirement/limit values for:** | | | |
| Germany/ Austria / Switzerland / Norway | | 1.BImSchV (Stufe 2) / 15a BVG (2015) / LRV / NS 3059 | |

1) Indications to "Rated power" determined with metallic reheating surface
2) Indications to "Storage operation" for the manual execution of the reheating surface (reference values for the specialist)
3) Damper flap recommended
4) Standard value or calculated functional proof required
5) for fireplace inserts / flue gas pipe / metallic reheating surface
6) Values determined with upper air cross-sections; stove cladding is heat emitting.

# Dimension sheets - Eck-Kamin 57/52/52 side-opening door

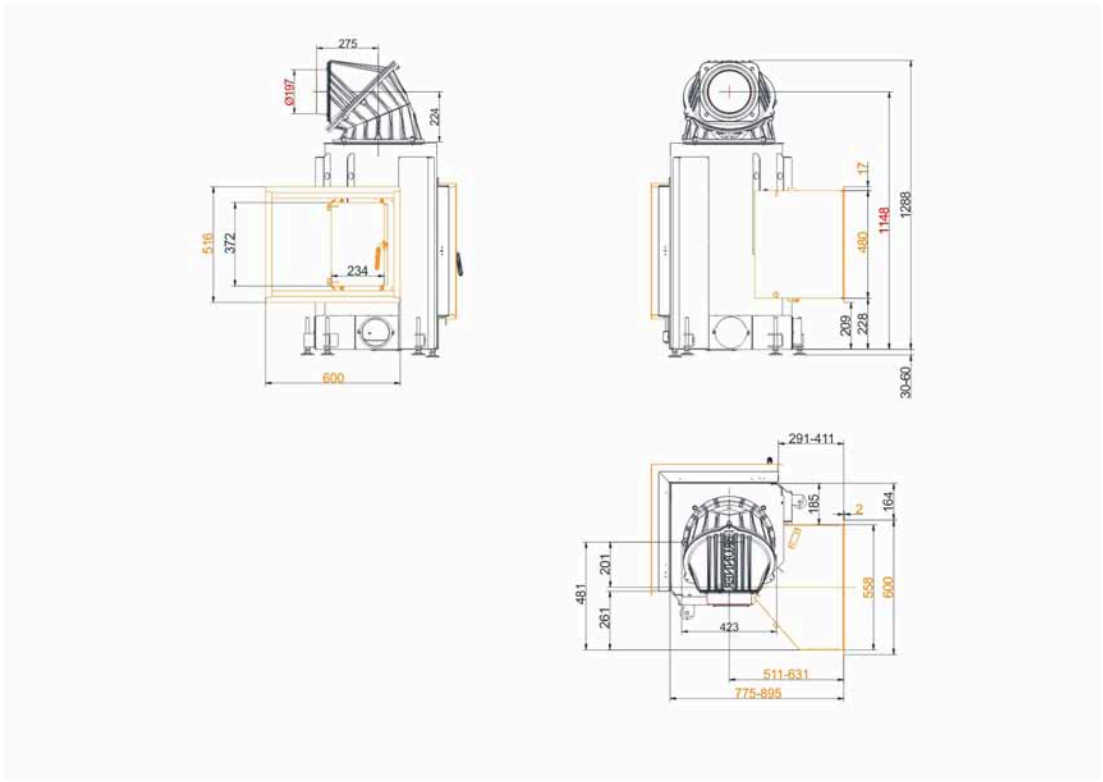



**… with door frame and cast iron hot air hood**

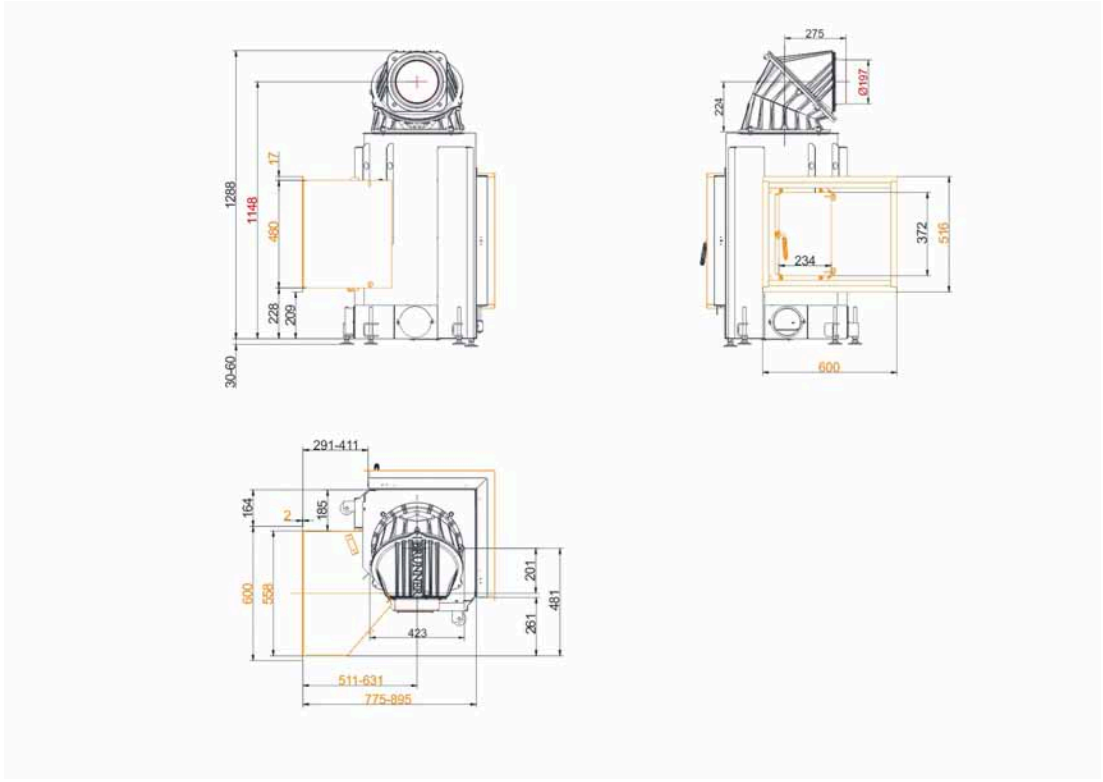



**… with door frame and MAS**

# Dimension sheets - Eck-Kamin 57/52/52 side-opening door




**… with additional fire door left**




**… with additional fire door right**

We suggest for CAD planning Palette CAD. Permanent updated drawings: www.brunner.de
Frames/ flue gas outlet connection/ combustion air supply connection/ front variants/ support bearing are marked in color.

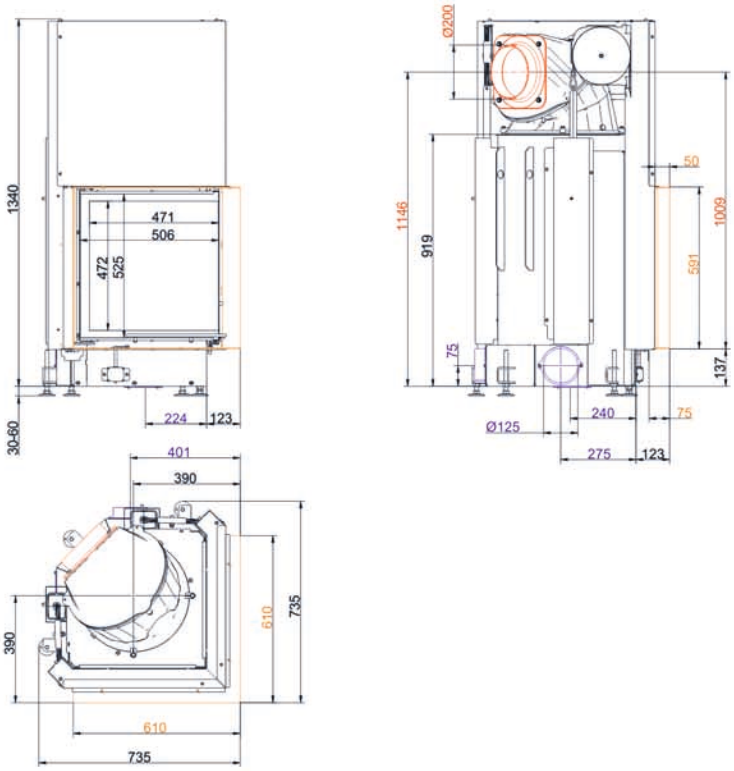
Stand: 2021-11-29

# Planning and installation - Eck-Kamin 57/52/52 side-opening door

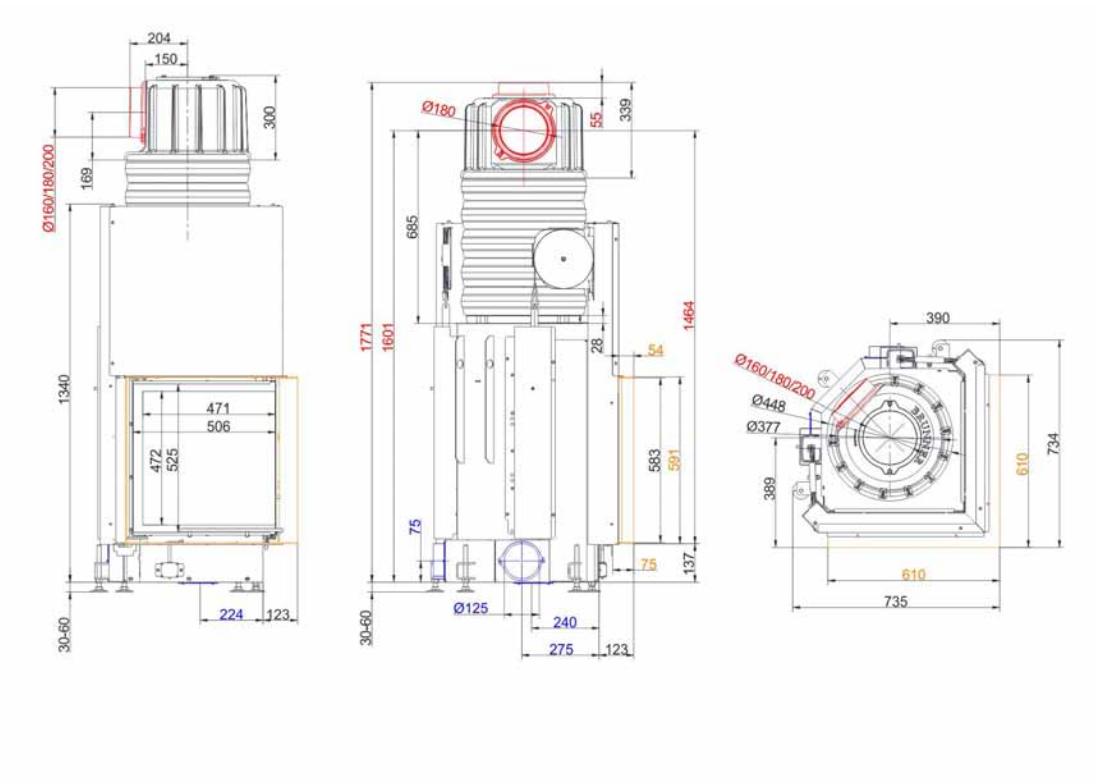
| Tested according to | | EN 13229 W | EN 13229 WA |
|---|---|---|---|
| Values measured at | | Rated power [1] | Storage operation [2] |
| Suitable for all construction types according to rules | | OK | OK |
| **Data for functional demonstration** | | | |
| Rated heat power | kW | 10 | - |
| Fire wood volume | kg/h | 3 | 5 |
| Combustion performance | kW | 13 | 22 |
| Flue gas mass flow | g/s | 12 | 21 |
| Outlet temperature (before reheating surface) | °C | - | 340 |
| Flue gas temperature after: | | | |
| metalic hot air hood | °C | 210 | 246 |
| 1 x adjoining cast iron radiator (GNF 8/10) | °C | - | 124 |
| 5 x accumulation rings incl. MAS casted cover [3] | °C | - | 210 |
| 2 m ceramic accumulator [4] | °C | - | 180 |
| 1,4 m accumulation stones (MSS) [4] | °C | - | 180 |
| Necessary supply pressure | Pa | 13 | 15 |
| Combustion air consumption | $m^3/h$ | 30 | 50 |
| Combustion air connection Ø | mm | 125 | 125 |
| **Heat distribution** | | | |
| Insert / reheating surface | % | 25 / 30 | 25 / 30 |
| Glass pane (single / double) | % | 45 / - | 45 / - |
| **Cross-section of gratings [5]** | | | |
| Convection air | $cm^2$ | 500 / 100 / 300 | 500 / 100 / 300 |
| Supply air | $cm^2$ | 500 / 100 / 300 | 500 / 100 / 300 |
| **Minimal oven surface for closed construction type** | | | |
| Heat dissipating surface | $m^2$ | 4 | 4 |
| **Minimal distances of the fireplace** | | | |
| to cladding, insulation layer | cm | 6 | 6 |
| to mounting floor | cm | 15 | 15 |
| **Thermal insulation without / with air gratings [6]** | | | |
| Mounting wall | cm | 14 / 10 | 14 / 10 |
| Floor | cm | 2 / 2 | 2 / 2 |
| Ceiling | cm | 16 / 12 | 16 / 12 |
| Brick lining for combustible wall | cm | 10 | 10 |
| **Weight** | | | |
| Fireplace / combustion chamber | kg | 195 / 52 | |
| **Meets requirement/limit values for:** | | | |
| Germany/ Austria / Switzerland / Norway | | 1.BImSchV (Stufe 2) / 15a BVG (2015) / LRV / NS 3059 | |

1) Indications to "Rated power" determined with metallic reheating surface
2) Indications to "Storage operation" for the manual execution of the reheating surface (reference values for the specialist)
3) Damper flap recommended
4) Standard value or calculated functional proof required
5) for fireplace inserts / flue gas pipe / metallic reheating surface
6) Values determined with upper air cross-sections; stove cladding is heat emitting.

# Dimension sheets - Eck-Kamin 57/52/52 lifting door (easy-lift)



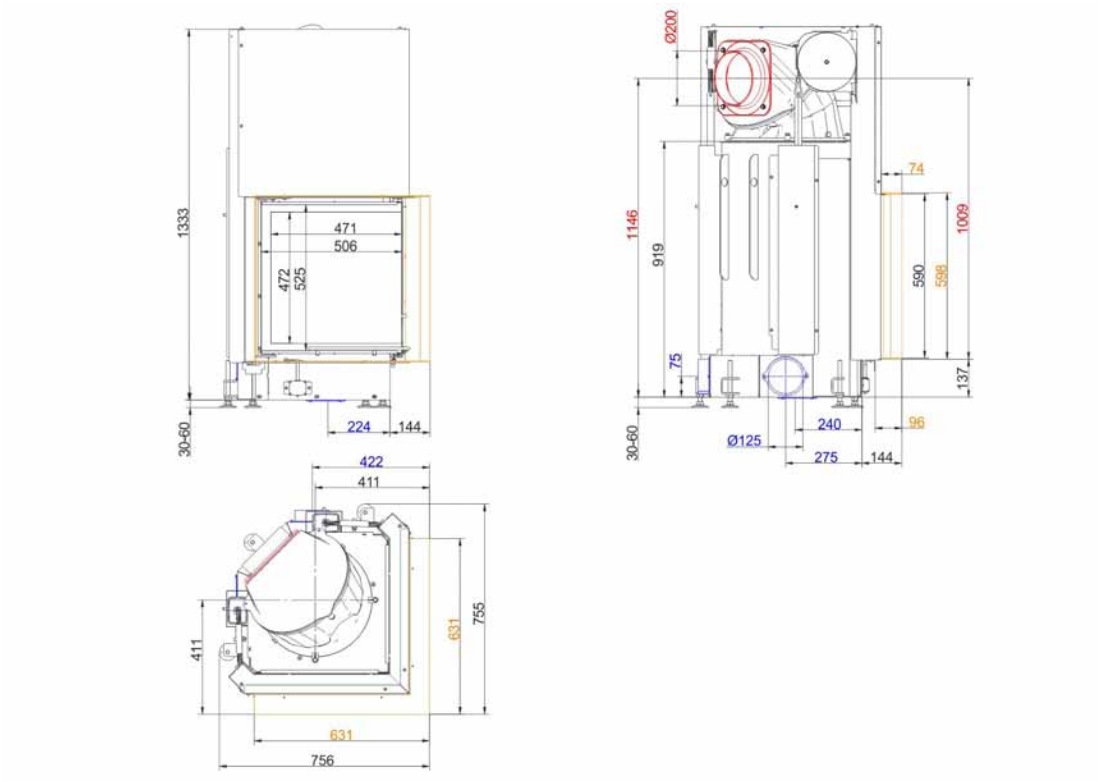

**… with mounting frame 50 mm and cast iron hot air hood**



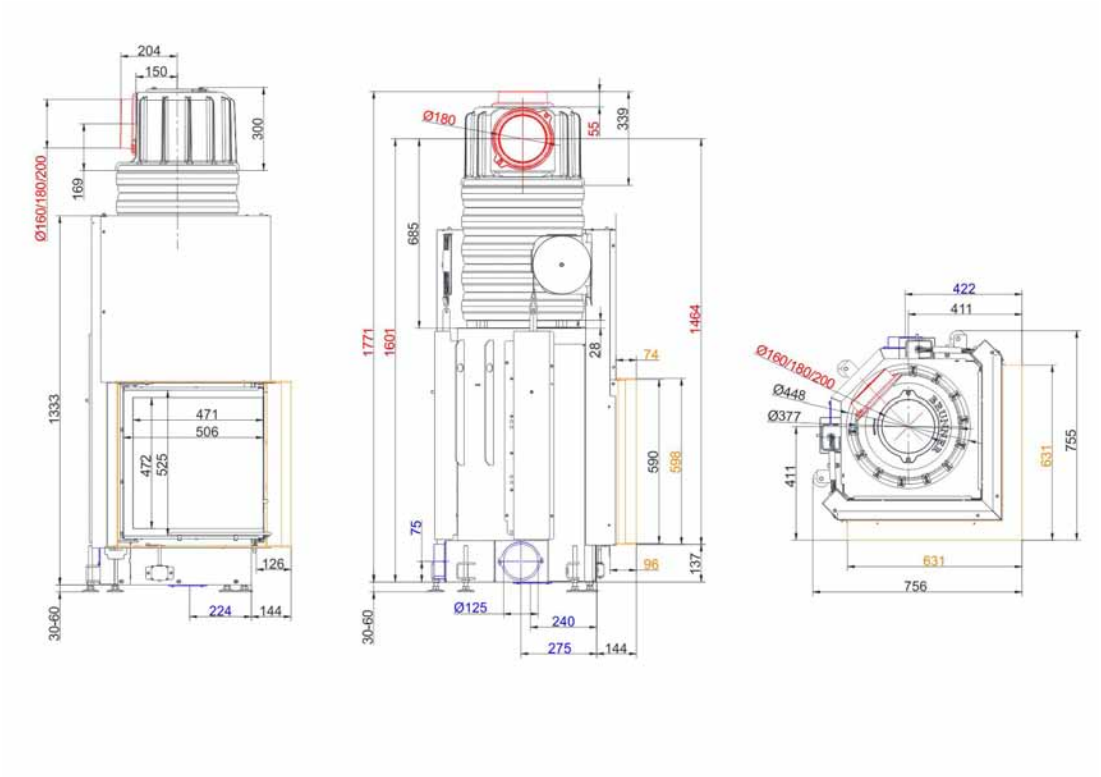

**… with mounting frame 50 mm and MAS**

Stand: 2021-11-29

# Dimension sheets - Eck-Kamin 57/52/52 lifting door (easy-lift)




**… with mounting frame 70 mm and cast iron hot air hood**




**… with mounting frame 70 mm and MAS**

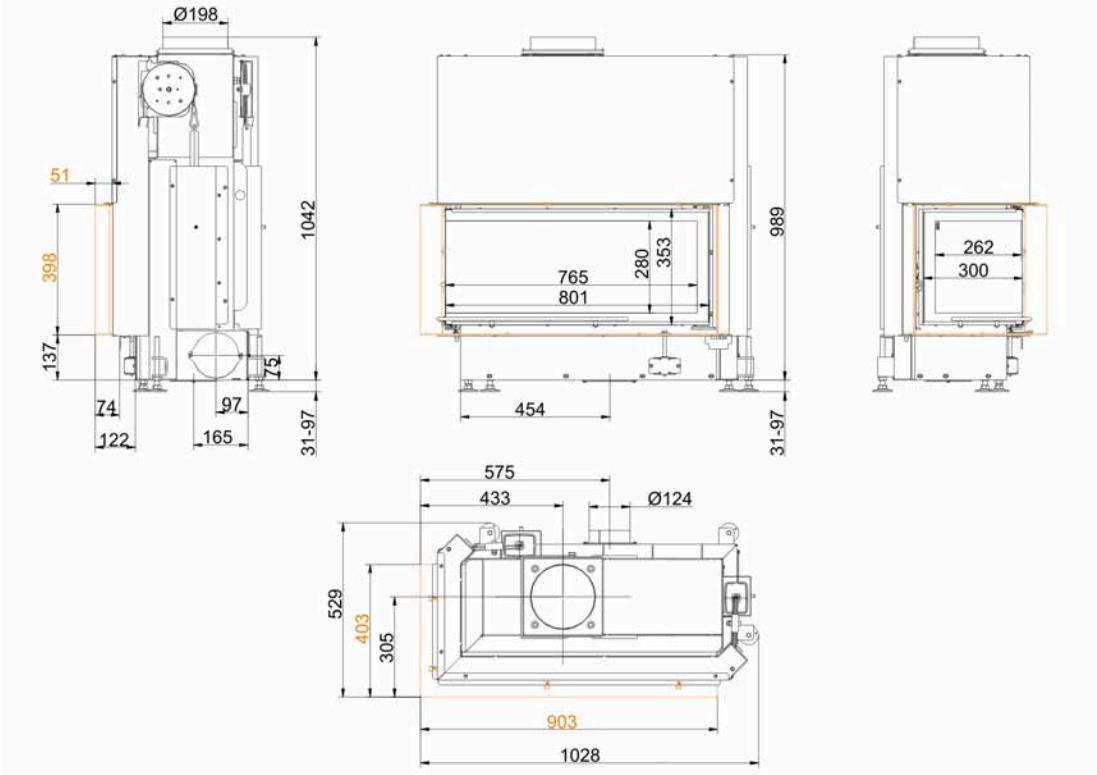
We suggest for CAD planning Palette CAD. Permanent updated drawings: www.brunner.de
Frames/ flue gas outlet connection/ combustion air supply connection/ front variants/ support bearing are marked in color.

# Planning and installation - Eck-Kamin 57/52/52 lifting door (easy-lift)

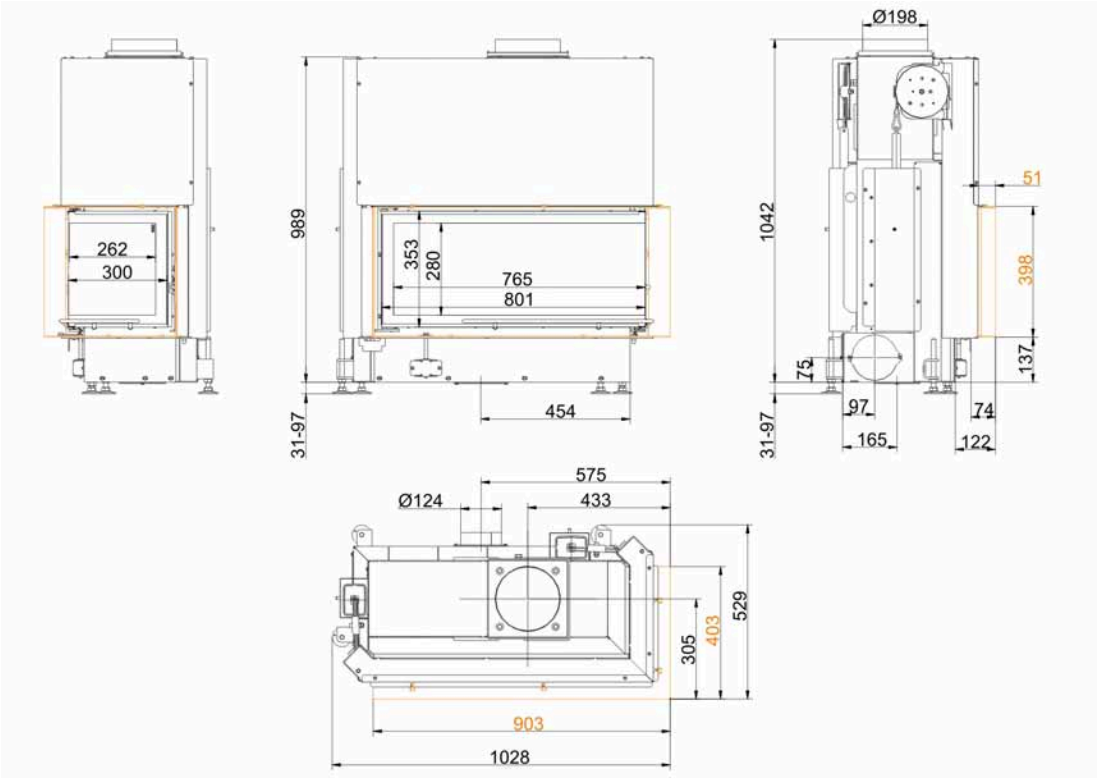
| Tested according to | | EN 13229 W | EN 13229 WA |
|---|---|---|---|
| Values measured at | | Rated power [1] | Storage operation [2] |
| Suitable for all construction types according to rules | | OK | OK |
| **Data for functional demonstration** | | | |
| Rated heat power | kW | 10 | - |
| Fire wood volume | kg/h | 3 | 5 |
| Combustion performance | kW | 13 | 22 |
| Flue gas mass flow | g/s | 12 | 21 |
| Outlet temperature (before reheating surface) | °C | - | 340 |
| Flue gas temperature after: | | | |
| metalic hot air hood | °C | 210 | 246 |
| 1 x adjoining cast iron radiator (GNF 8/10) | °C | - | 124 |
| 5 x accumulation rings incl. MAS casted cover [3] | °C | - | 210 |
| 2 m ceramic accumulator [4] | °C | - | 180 |
| 1,4 m accumulation stones (MSS) [4] | °C | - | 180 |
| Necessary supply pressure | Pa | 13 | 15 |
| Combustion air consumption | $m^3/h$ | 30 | 50 |
| Combustion air connection Ø | mm | 125 | 125 |
| **Heat distribution** | | | |
| Insert / reheating surface | % | 25 / 30 | 25 / 30 |
| Glass pane (single / double) | % | 45 / - | 45 / - |
| **Cross-section of gratings [5]** | | | |
| Convection air | $cm^2$ | 500 / 100 / 300 | 500 / 100 / 300 |
| Supply air | $cm^2$ | 500 / 100 / 300 | 500 / 100 / 300 |
| **Minimal oven surface for closed construction type** | | | |
| Heat dissipating surface | $m^2$ | 4 | 4 |
| **Minimal distances of the fireplace** | | | |
| to cladding, insulation layer | cm | 6 | 6 |
| to mounting floor | cm | 15 | 15 |
| **Thermal insulation without / with air gratings [6]** | | | |
| Mounting wall | cm | 14 / 10 | 14 / 10 |
| Floor | cm | 2 / 2 | 2 / 2 |
| Ceiling | cm | 16 / 12 | 16 / 12 |
| Brick lining for combustible wall | cm | 10 | 10 |
| **Weight** | | | |
| Fireplace / combustion chamber | kg | 213 / 52 | |
| **Meets requirement/limit values for:** | | | |
| Germany/ Austria / Switzerland / Norway | | 1.BImSchV (Stufe 2) / 15a BVG (2015) / LRV / NS 3059 | |

1) Indications to "Rated power" determined with metallic reheating surface
2) Indications to "Storage operation" for the manual execution of the reheating surface (reference values for the specialist)
3) Damper flap recommended
4) Standard value or calculated functional proof required
5) for fireplace inserts / flue gas pipe / metallic reheating surface
6) Values determined with upper air cross-sections; stove cladding is heat emitting.

# Dimension sheets - Architektur-Eck 38/86/36



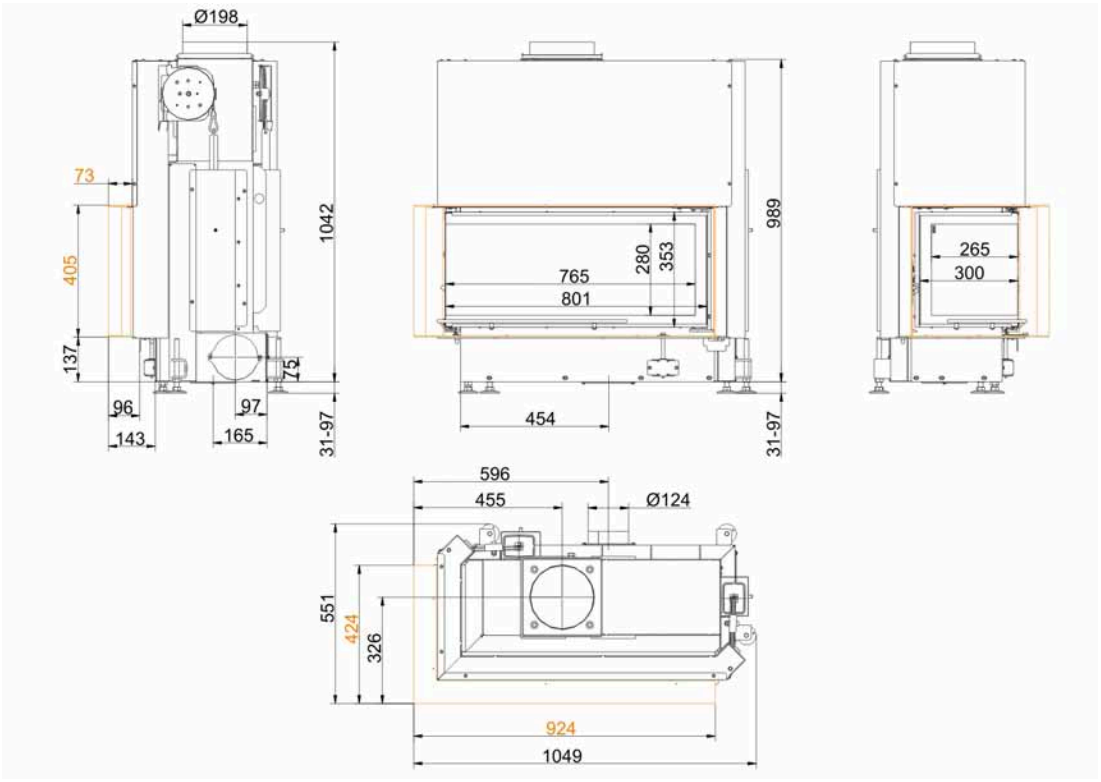

**… left with mounting frame 50 mm**



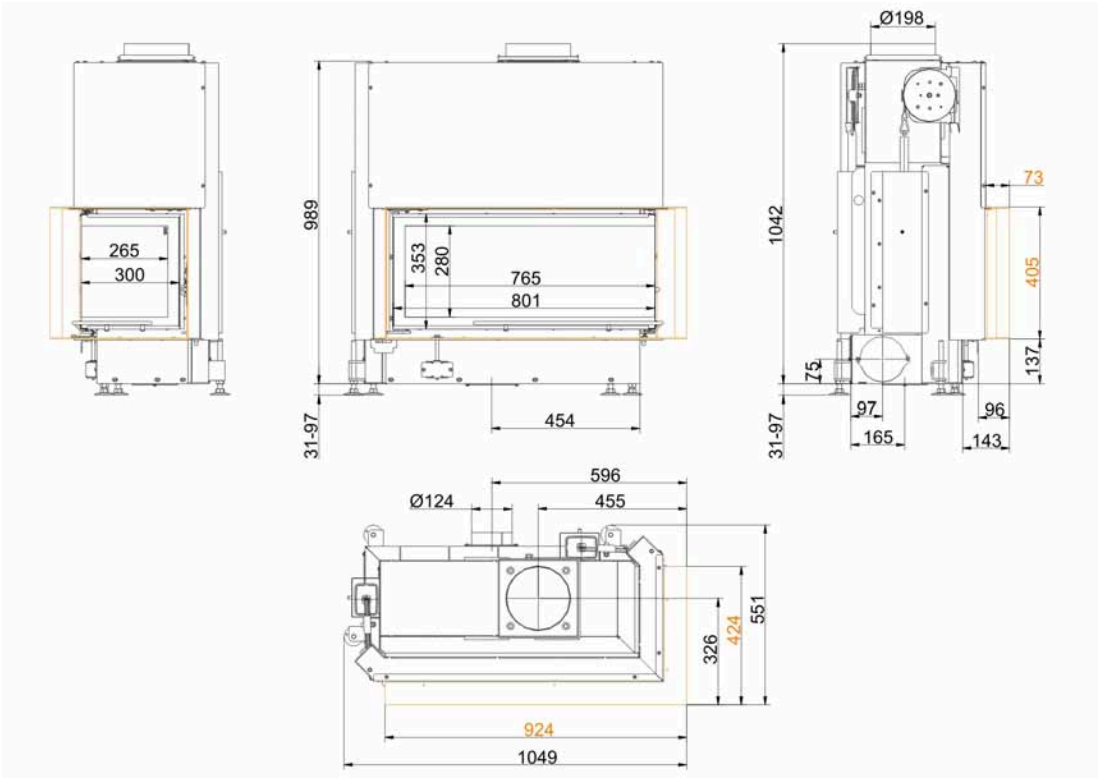

**… right with mounting frame 50 mm**

Stand: 2021-11-29

# Dimension sheets - Architektur-Eck 38/86/36




**… left with mounting frame 70 mm**




**… right with mounting frame 70 mm**

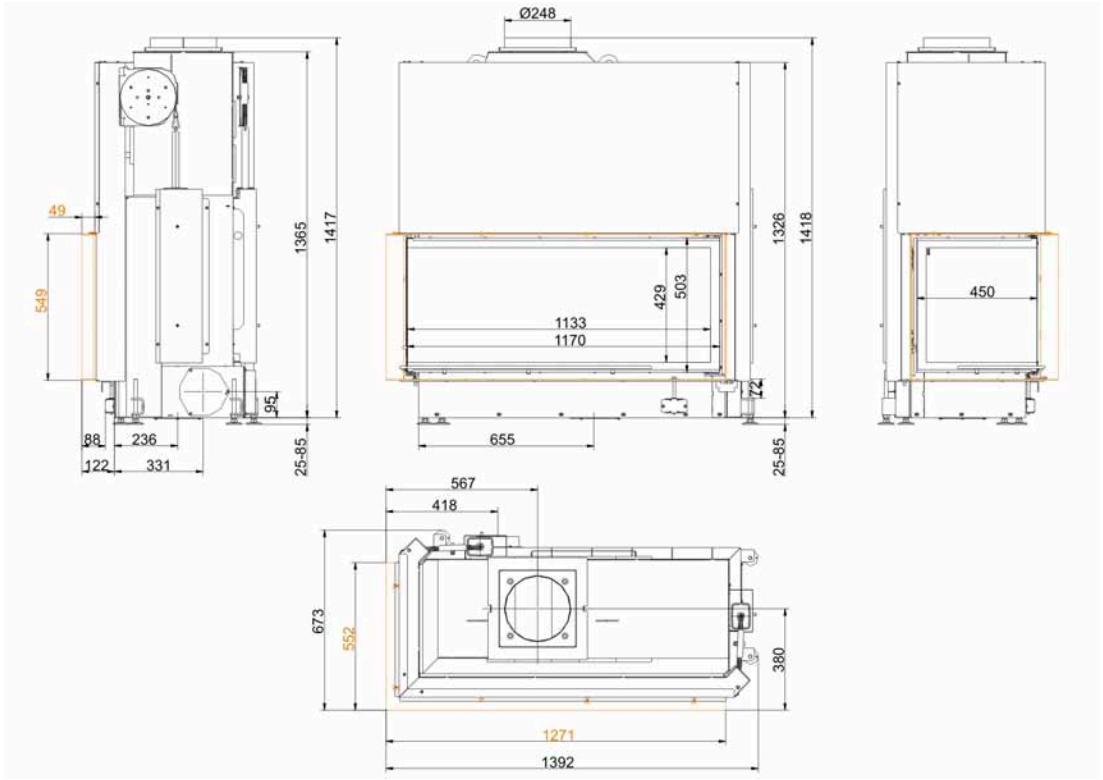
We suggest for CAD planning Palette CAD. Permanent updated drawings: www.brunner.de
Frames/ flue gas outlet connection/ combustion air supply connection/ front variants/ support bearing are marked in color.

# Planning and installation - Architektur-Eck 38/86/36

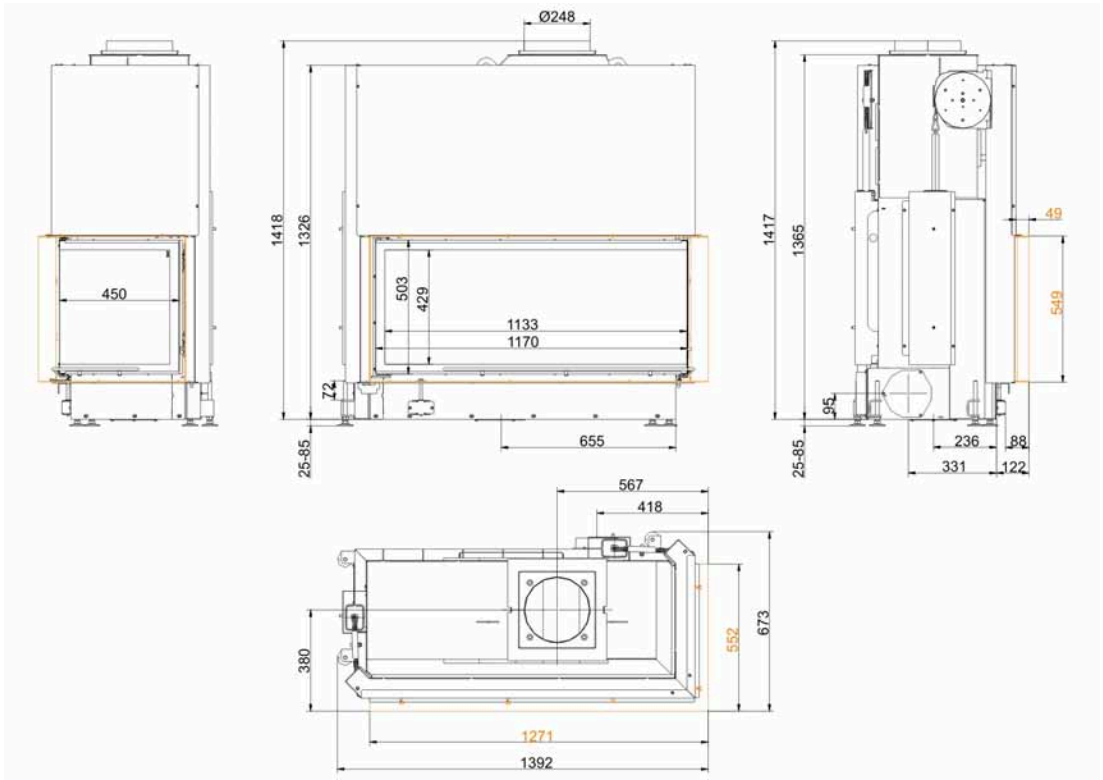
| | | |
|---|---|---|
| Tested according to | | EN 13229 W |
| Values measured at | | Rated power [1] |
| Suitable for all construction types according to rules | | OK |
| **Data for functional demonstration** | | |
| Rated heat power | kW | 10 |
| Fire wood volume | kg/h | 3.1 |
| Combustion performance | kW | 13.5 |
| Flue gas mass flow | g/s | 11 |
| Outlet temperature (before reheating surface) | °C | 375 |
| Flue gas temperature after: | | |
| metalic hot air hood | °C | 220 |
| Necessary supply pressure | Pa | 12 |
| Combustion air consumption | $m^3/h$ | 30 |
| Combustion air connection Ø | mm | 125 |
| **Heat distribution** | | |
| Insert / reheating surface | % | 55 / - |
| Glass pane (single / double) | % | 45 / - |
| **Cross-section of gratings [2]** | | |
| Convection air | $cm^2$ | 800 / 100 / - |
| Supply air | $cm^2$ | 800 / 100 / - |
| **Minimal oven surface for closed construction type** | | |
| Heat dissipating surface | $m^2$ | 4 |
| **Minimal distances of the fireplace** | | |
| to cladding, insulation layer | cm | 6 |
| to mounting floor | cm | 2 |
| **Thermal insulation without / with air gratings [3]** | | |
| Mounting wall | cm | 16 / 12 |
| Floor | cm | 2 / 2 |
| Ceiling | cm | 28 / 20 |
| Brick lining for combustible wall | cm | 10 |
| **Weight** | | |
| Fireplace / combustion chamber | kg | 185 / 45 |
| **Meets requirement/limit values for:** | | |
| Germany/ Austria / Switzerland / Norway | | 1.BImSchV (Stufe 2) / 15a BVG (2015) / LRV / NS 3059 |

1) Indications to "Rated power" determined with metallic reheating surface
2) for fireplace inserts / flue gas pipe / metallic reheating surface
3) Values determined with upper air cross-sections; stove cladding is heat emitting.

# Dimension sheets - Architektur-Eck 53/121/50



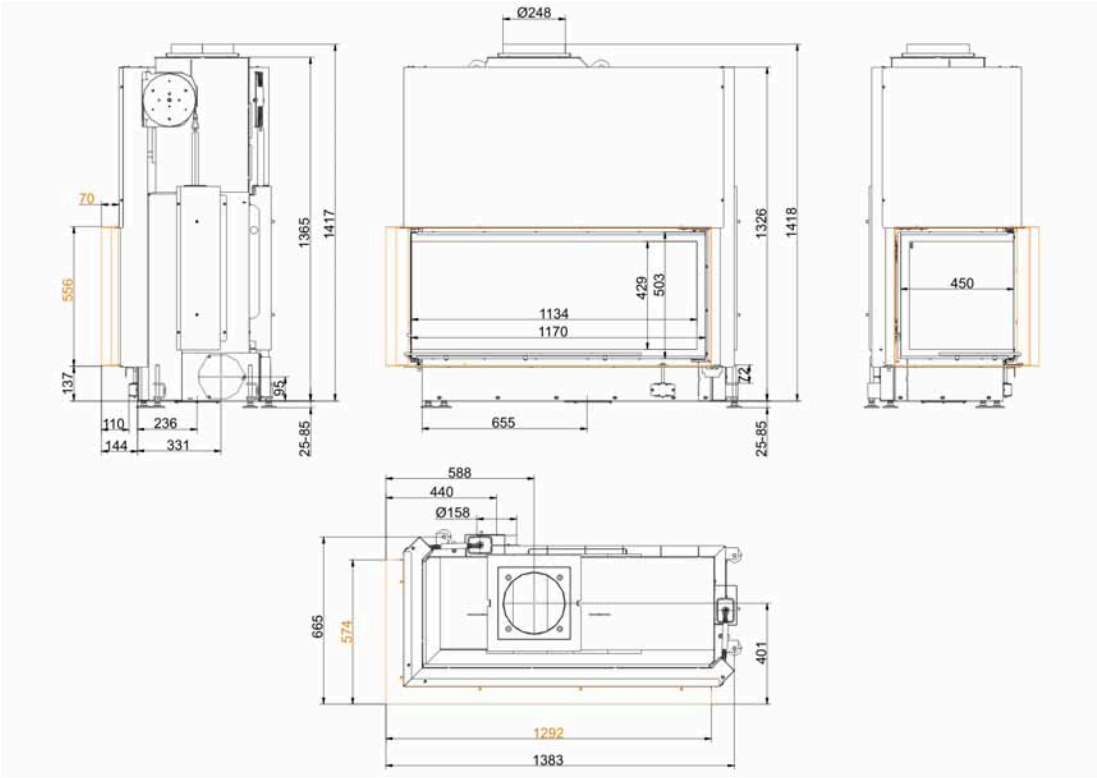

**… left with mounting frame 50 mm**



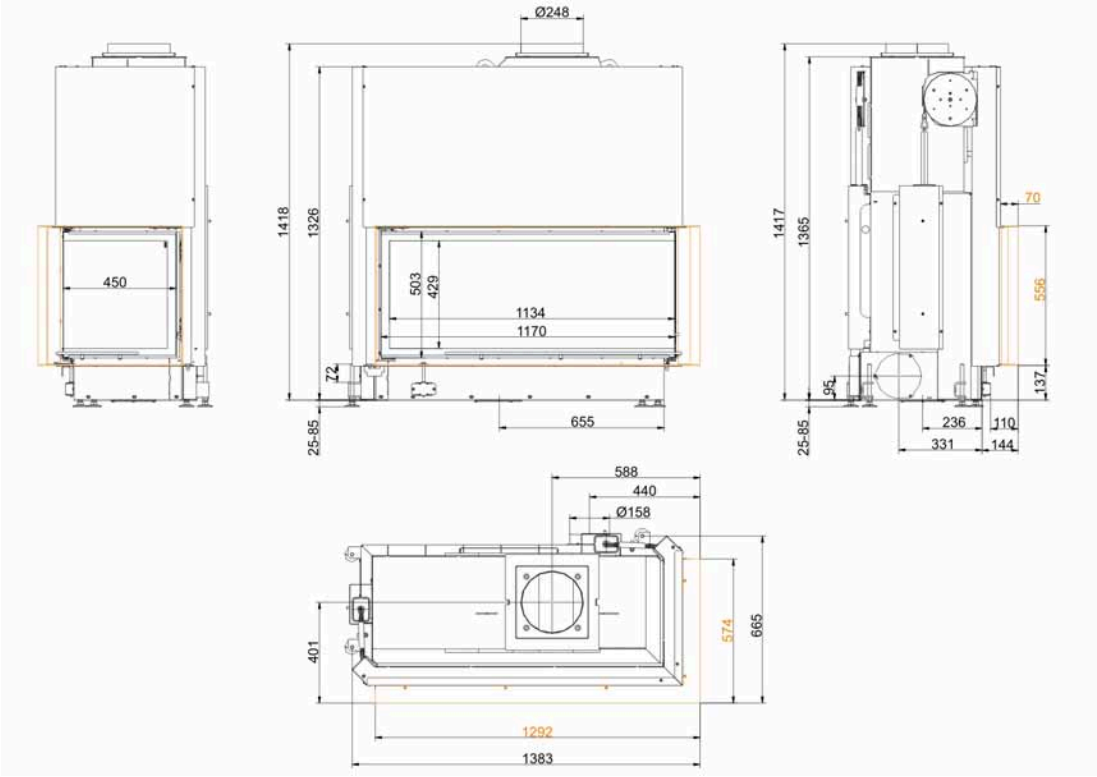

**… right with mounting frame 50 mm**

Stand: 2021-11-29

# Dimension sheets - Architektur-Eck 53/121/50




**… left with mounting frame 70 mm**




**… right with mounting frame 70 mm**

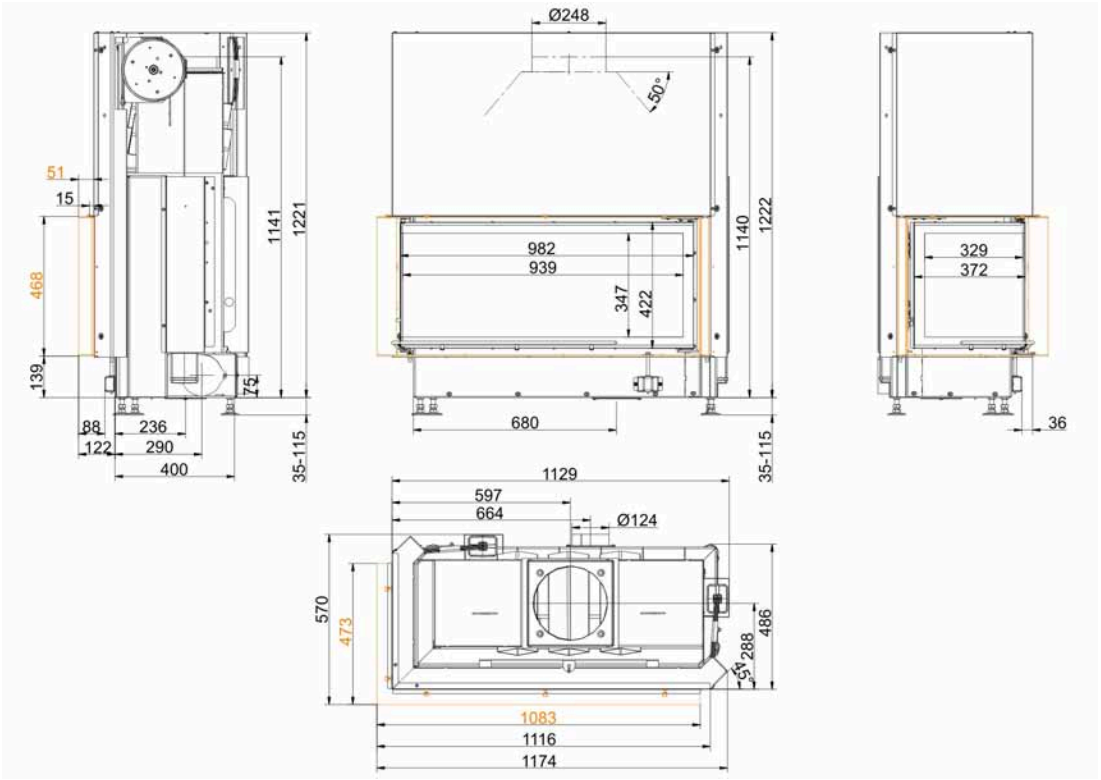
We suggest for CAD planning Palette CAD. Permanent updated drawings: www.brunner.de
Frames/ flue gas outlet connection/ combustion air supply connection/ front variants/ support bearing are marked in color.

# Planning and installation - Architektur-Eck 53/121/50

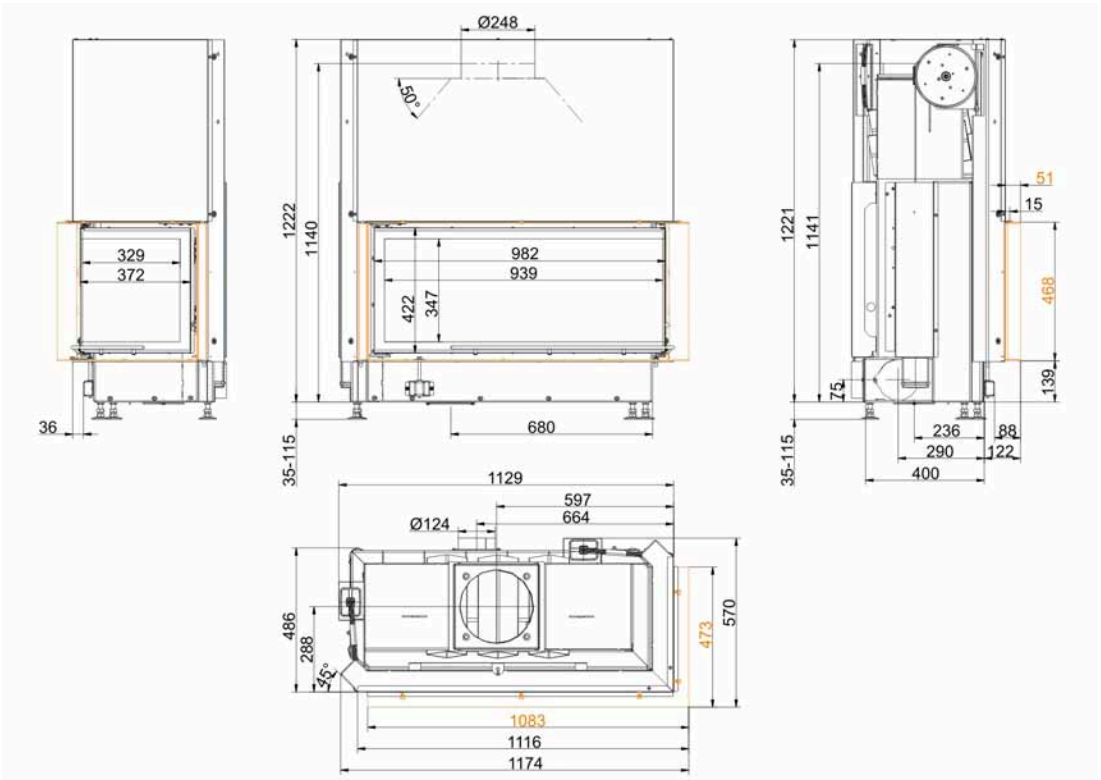
| | | | |
|---|---|---|---|
| Tested according to | | EN 13229 W | EN 13229 W |
| Values measured at | | Rated power [1] | Open |
| Suitable for all construction types according to rules | | OK | OK |
| **Data for functional demonstration** | | | |
| Rated heat power | kW | 14.5 | - |
| Fire wood volume | kg/h | 4.3 | 4.3 |
| Combustion performance | kW | 18 | 18 |
| Flue gas mass flow | g/s | 18 | 120 |
| Flue gas temperature after: | | | |
| metalic hot air hood | °C | 190 | 105 |
| Necessary supply pressure | Pa | 12 | 6 |
| Combustion air consumption | $m^3/h$ | 60 | 250 |
| Combustion air connection Ø | mm | 160 | - |
| **Heat distribution** | | | |
| Insert / reheating surface | % | 55 / - | - |
| Glass pane (single / double) | % | 45 / - | - |
| **Cross-section of gratings [2]** | | | |
| Convection air | $cm^2$ | 1100 / 100 / - | - |
| Supply air | $cm^2$ | 1100 / 100 / - | - |
| **Minimal oven surface for closed construction type** | | | |
| Heat dissipating surface | $m^2$ | 6.4 | - |
| **Minimal distances of the fireplace** | | | |
| to cladding, insulation layer | cm | 6 | 6 |
| to mounting floor | cm | 2 | 2 |
| **Thermal insulation without / with air gratings [3]** | | | |
| Mounting wall | cm | 16 / 12 | 16 / 12 |
| Floor | cm | 4 / 4 | 4 / 4 |
| Ceiling | cm | 22 / 16 | 22 / 16 |
| Brick lining for combustible wall | cm | 10 | 10 |
| **Weight** | | | |
| Fireplace / combustion chamber | kg | 318 / 103 | |
| **Meets requirement/limit values for:** | | | |
| Germany/ Austria / Switzerland / Norway | | 1.BImSchV (Stufe 2) / 15a BVG (2015) / LRV / NS 3059 | |

1) Indications to "Rated power" determined with metallic reheating surface
2) for fireplace inserts / flue gas pipe / metallic reheating surface
3) Values determined with upper air cross-sections; stove cladding is heat emitting.

# Dimension sheets - Architektur-Eck 45/101/40



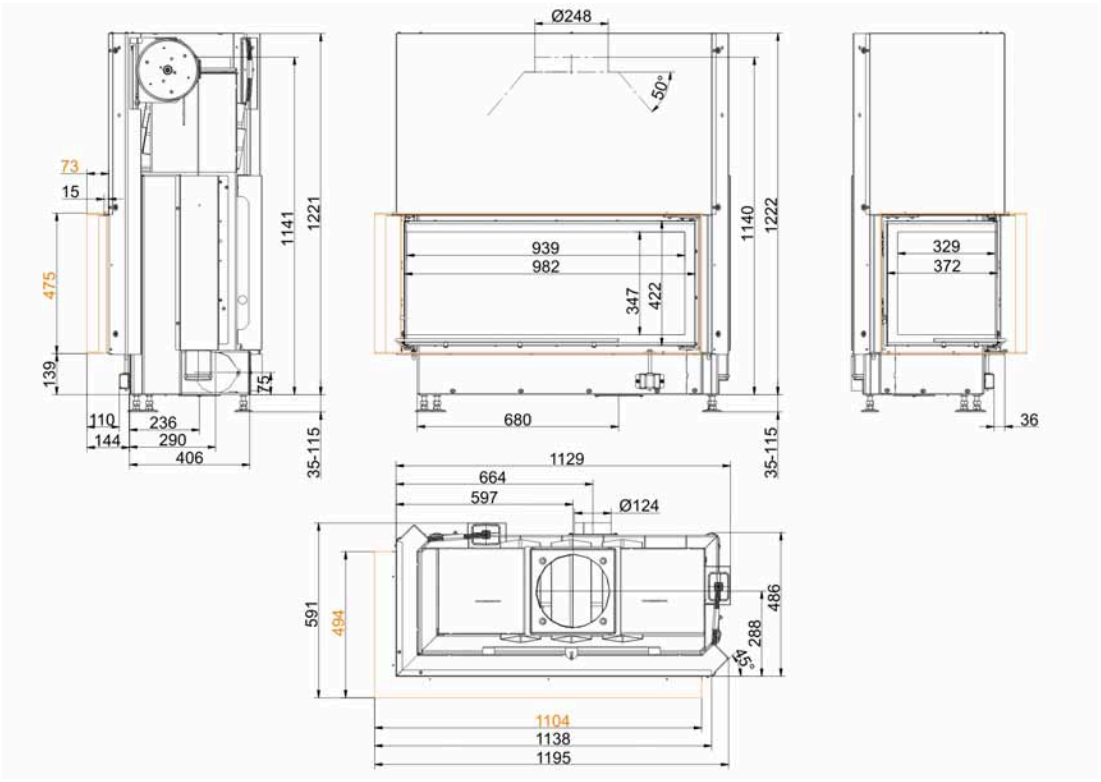

**… left with mounting frame 50 mm**



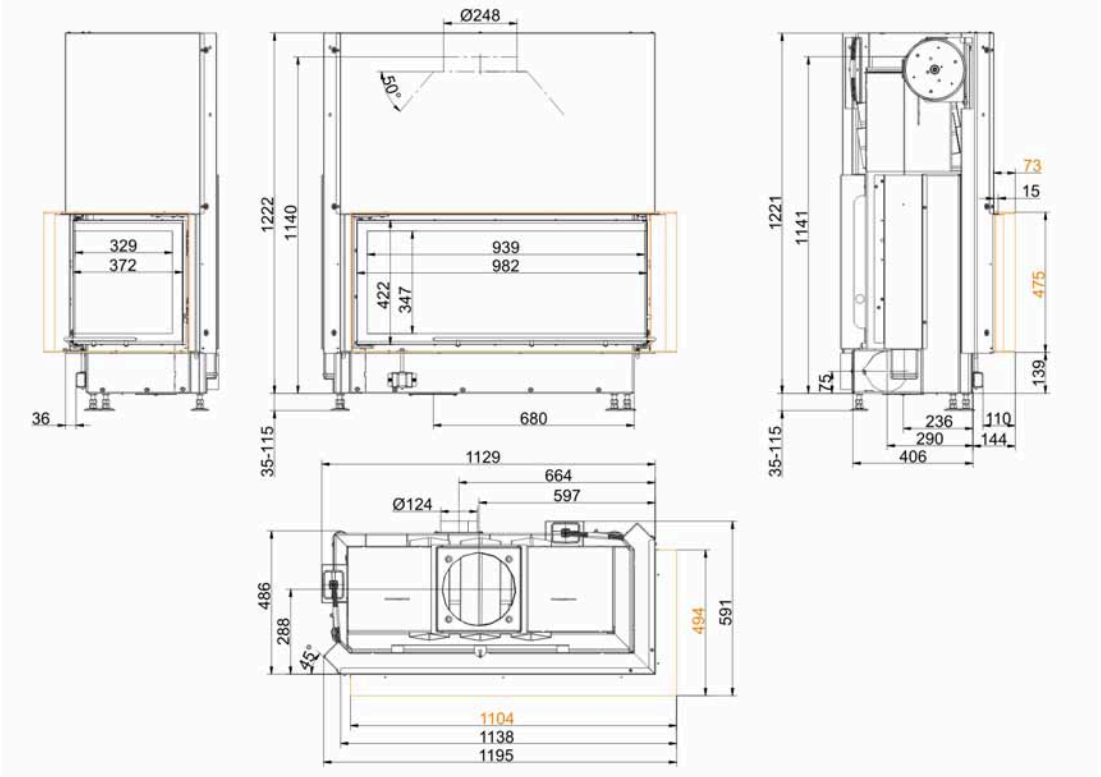

**… right with mounting frame 50 mm**

Stand: 2021-11-29

# Dimension sheets - Architektur-Eck 45/101/40




**… left with mounting frame 70 mm**




**… right with mounting frame 70 mm**

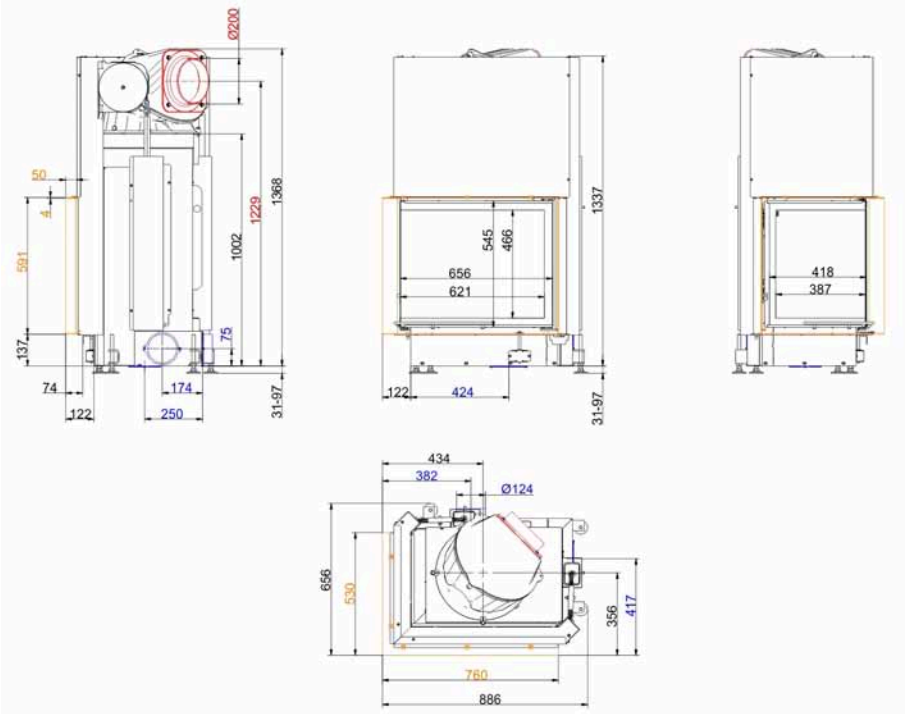
We suggest for CAD planning Palette CAD. Permanent updated drawings: www.brunner.de
Frames/ flue gas outlet connection/ combustion air supply connection/ front variants/ support bearing are marked in color.

# Planning and installation - Architektur-Eck 45/101/40

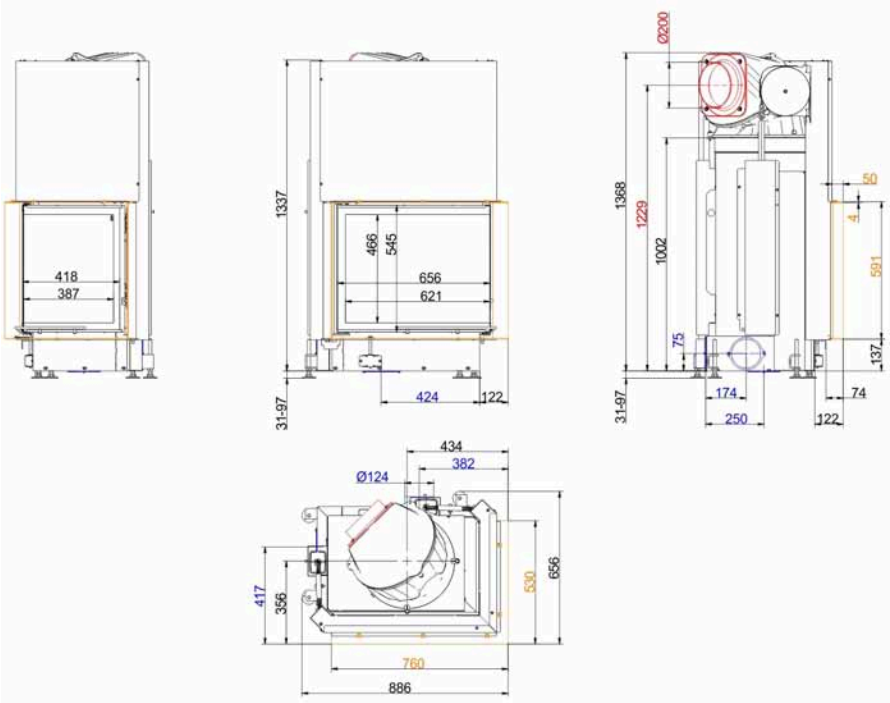
| Tested according to | | EN 13229 W | EN 13229 W |
|---|---|---|---|
| Values measured at | | Rated power [1] | Open |
| Suitable for all construction types according to rules | | OK | OK |
| **Data for functional demonstration** | | | |
| Rated heat power | kW | 14.5 | - |
| Fire wood volume | kg/h | 4.3 | 4.3 |
| Combustion performance | kW | 18 | 18 |
| Flue gas mass flow | g/s | 18 | 120 |
| Flue gas temperature after: | | | |
| metalic hot air hood | °C | 190 | 105 |
| Necessary supply pressure | Pa | 12 | 6 |
| Combustion air consumption | m³/h | 60 | 250 |
| Combustion air connection Ø | mm | 125 | - |
| **Heat distribution** | | | |
| Insert / reheating surface | % | 55 / - | - |
| Glass pane (single / double) | % | 45 / - | - |
| **Cross-section of gratings [2]** | | | |
| Convection air | cm² | 1000 / 100 / - | - |
| Supply air | cm² | 1000 / 100 / - | - |
| **Minimal oven surface for closed construction type** | | | |
| Heat dissipating surface | m² | 6.4 | - |
| **Minimal distances of the fireplace** | | | |
| to cladding, insulation layer | cm | 6 | 6 |
| to mounting floor | cm | 2 | 2 |
| **Thermal insulation without / with air gratings [3]** | | | |
| Mounting wall | cm | 16 / 12 | 16 / 12 |
| Floor | cm | 4 / 2 | 4 / 2 |
| Ceiling | cm | 22 / 16 | 22 / 16 |
| Brick lining for combustible wall | cm | 10 | 10 |
| **Weight** | | | |
| Fireplace / combustion chamber | kg | 240 / 73 | |
| **Meets requirement/limit values for:** | | | |
| Germany/ Austria / Switzerland / Norway | | 1.BImSchV (Stufe 2) / - / - / NS 3059 | |

1) Indications to "Rated power" determined with metallic reheating surface
2) for fireplace inserts / flue gas pipe / metallic reheating surface
3) Values determined with upper air cross-sections; stove cladding is heat emitting.

# Dimension sheets - Eck-Kamin 57/67/44 lifting door (easy-lift)

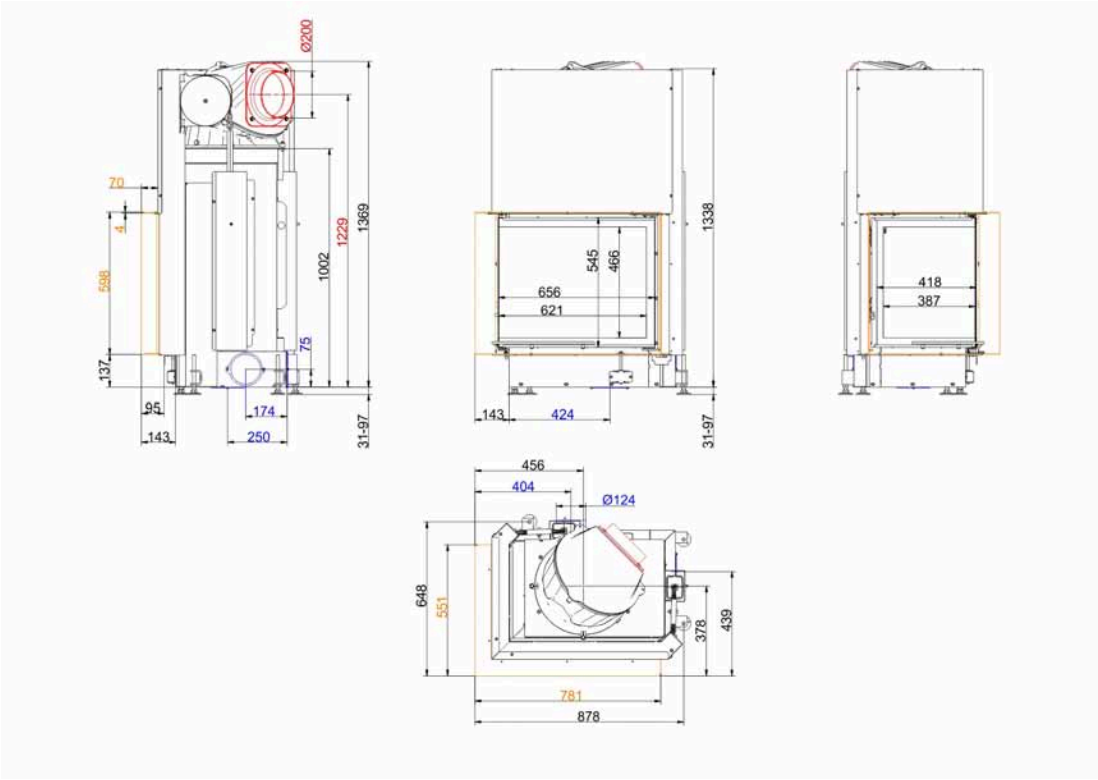



**… left with mounting frame 50 mm and cast iron hot air hood**

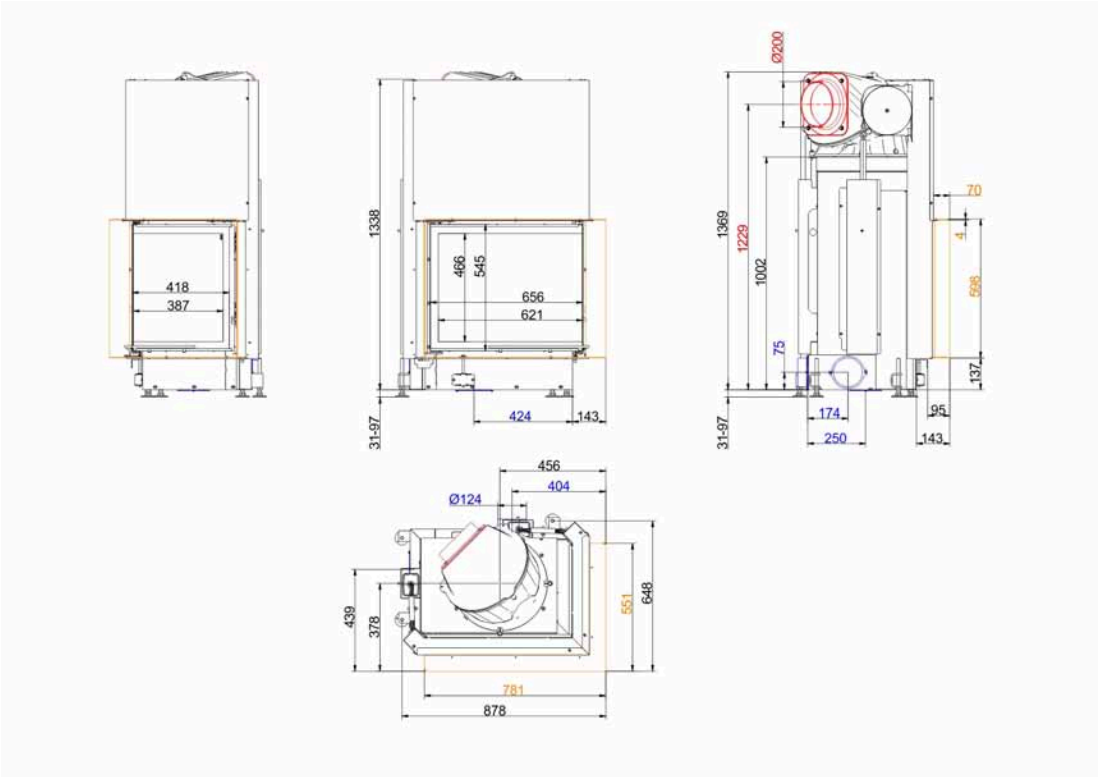



**… right with mounting frame 50 mm and cast iron hot air hood**

# Dimension sheets - Eck-Kamin 57/67/44 lifting door (easy-lift)

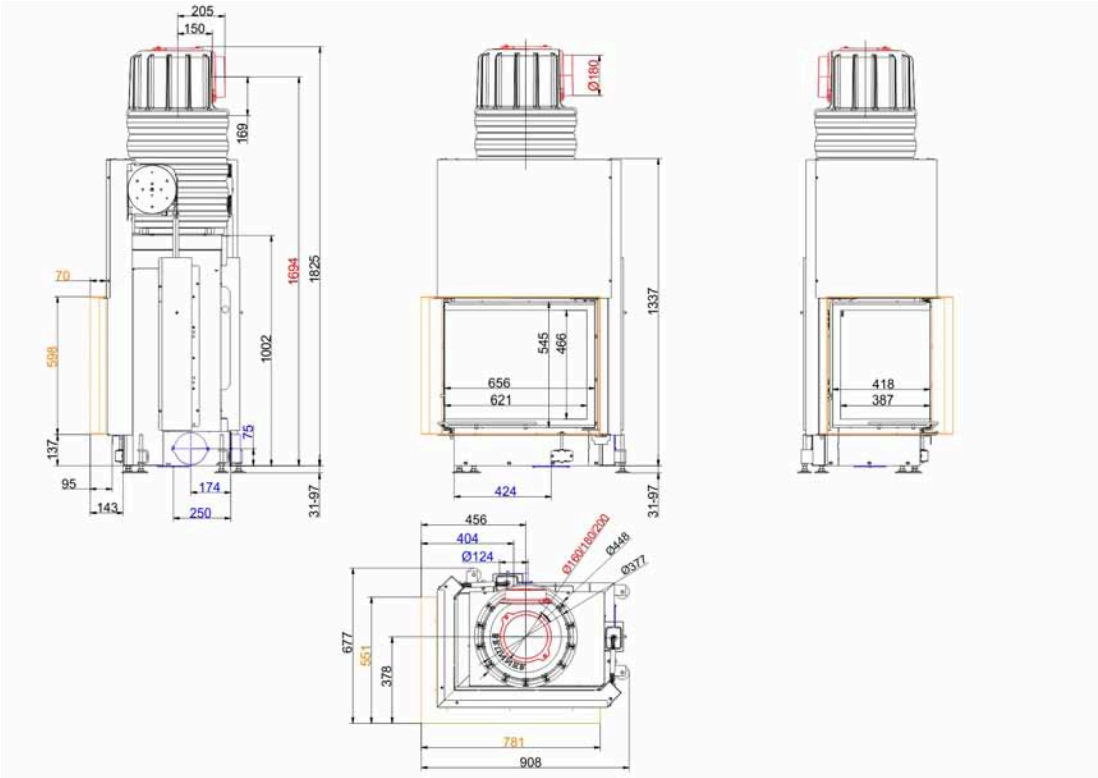



**… left with mounting frame 70 mm and cast iron hot air hood**

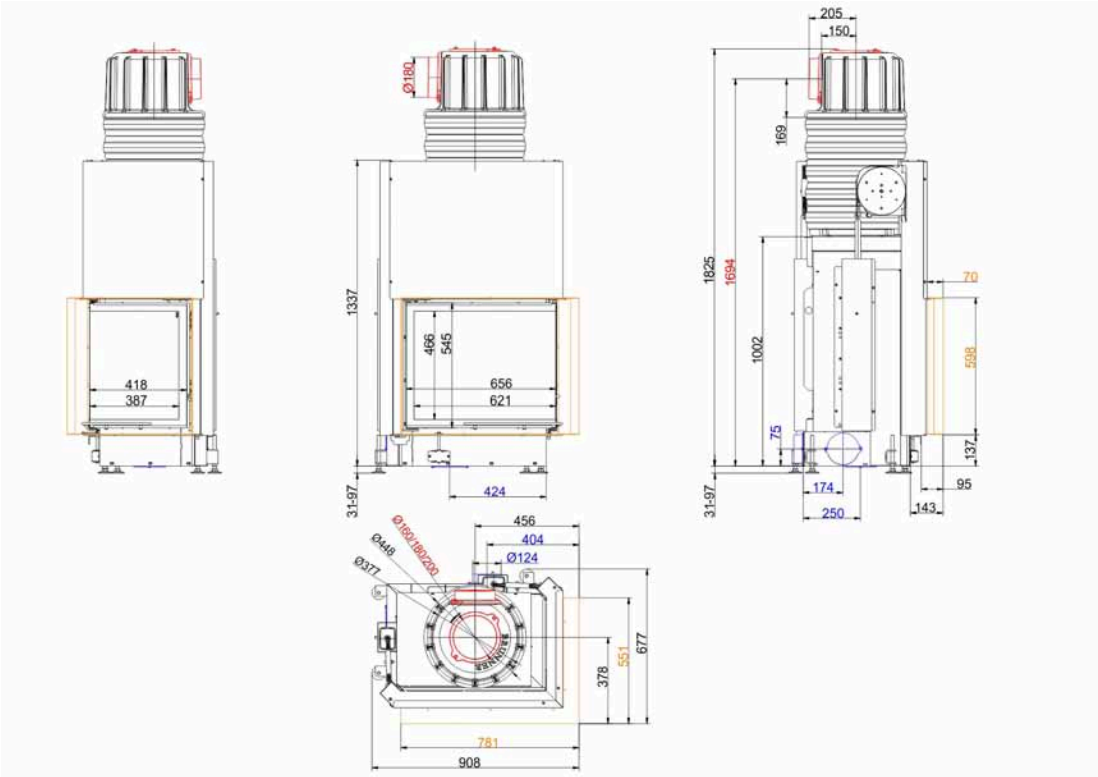



**… right with mounting frame 70 mm and cast iron hot air hood**

# Dimension sheets - Eck-Kamin 57/67/44 lifting door (easy-lift)




**… left with mounting frame 70 mm and MAS**




**… right with mounting frame 70 mm and MAS**

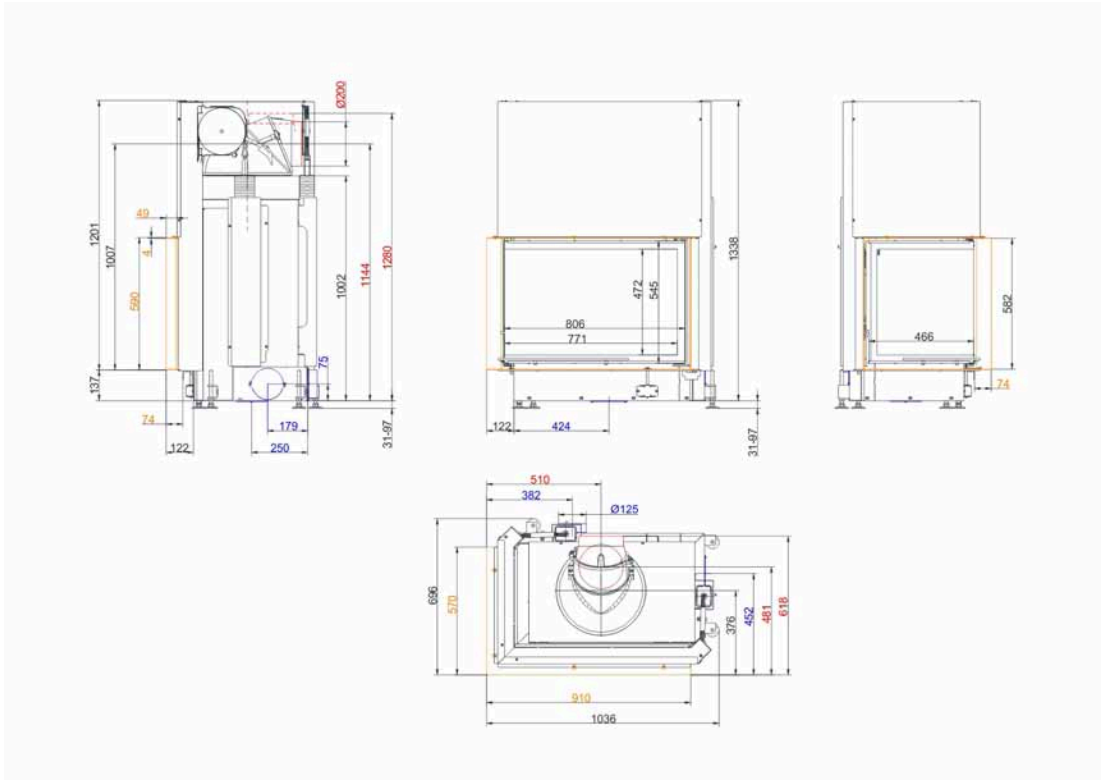
We suggest for CAD planning Palette CAD. Permanent updated drawings: www.brunner.de
Frames/ flue gas outlet connection/ combustion air supply connection/ front variants/ support bearing are marked in color.

# Planning and installation - Eck-Kamin 57/67/44 lifting door (easy-lift)

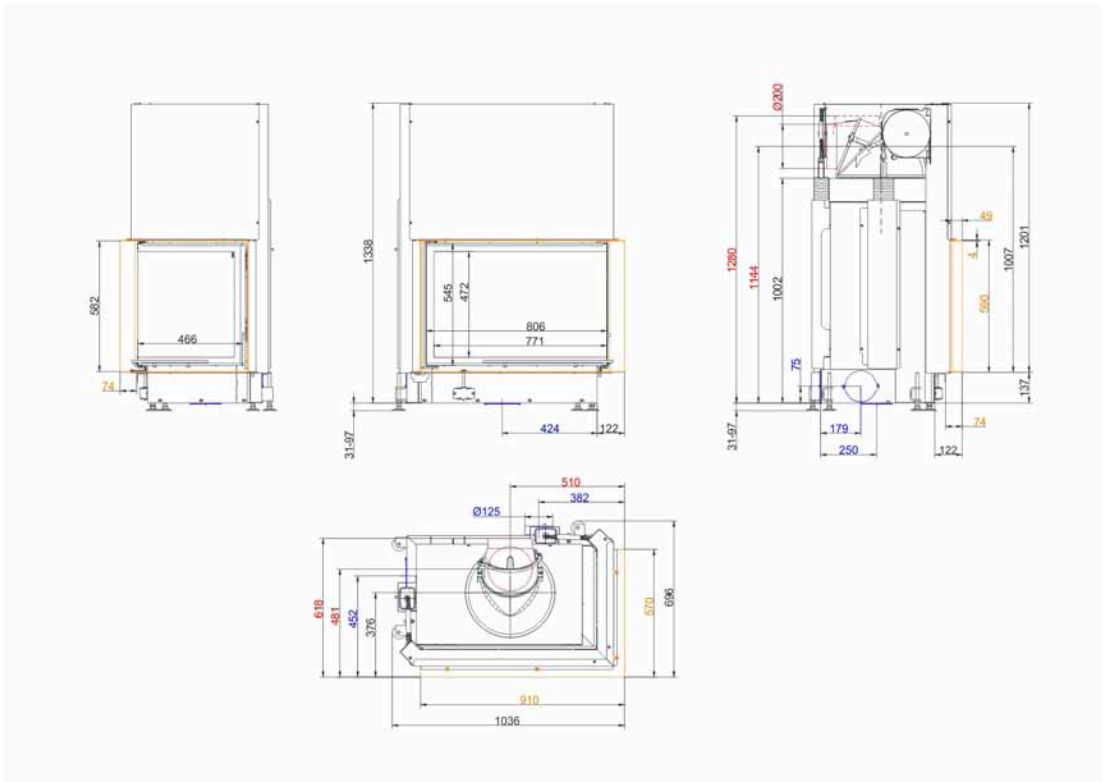
| Tested according to | | EN 13229 W | EN 13229 WA |
|---|---|---|---|
| Values measured at | | Rated power [1] | Storage operation [2] |
| Suitable for all construction types according to rules | | OK | OK |
| **Data for functional demonstration** | | | |
| Rated heat power | kW | 11 | - |
| Fire wood volume | kg/h | 3.2 | 5 |
| Combustion performance | kW | 14 | 22 |
| Flue gas mass flow | g/s | 13 | 19 |
| Outlet temperature (before reheating surface) | °C | - | 330 |
| Flue gas temperature after: | | | |
| cast iron hot air hood | °C | 225 | 255 |
| 1 x adjoining cast iron radiator (GNF 8/10) | °C | - | 151 |
| 5 x accumulation rings incl. MAS casted cover [3] | °C | - | 220 |
| 2 m ceramic accumulator | °C | - | 180 |
| 1,4 m accumulation stones (MSS) [4] | °C | - | 180 |
| Necessary supply pressure | Pa | 13 | 15 |
| Combustion air consumption | $m^3/h$ | 32 | 50 |
| Combustion air connection Ø | mm | 125 | 125 |
| **Heat distribution** | | | |
| Insert / reheating surface | % | 25 / 30 | 25 / 30 |
| Glass pane (single / double) | % | 45 / - | 45 / - |
| **Cross-section of gratings [5]** | | | |
| Convection air | $cm^2$ | 650 / 100 / 350 | 650 / 100 / 350 |
| Supply air | $cm^2$ | 650 / 100 / 350 | 650 / 100 / 350 |
| **Minimal oven surface for closed construction type** | | | |
| Heat dissipating surface | $m^2$ | 4.5 | 4.5 |
| **Minimal distances of the fireplace** | | | |
| to cladding, insulation layer | cm | 6 | 6 |
| to mounting floor | cm | 15 | 15 |
| **Thermal insulation without / with air gratings [6]** | | | |
| Mounting wall | cm | 14 / 10 | 14 / 10 |
| Floor | cm | 2 / 2 | 2 / 2 |
| Ceiling | cm | 19 / 14 | 19 / 14 |
| Brick lining for combustible wall | cm | 10 | 10 |
| **Weight** | | | |
| Fireplace / combustion chamber | kg | 213 / 66 / - | |
| **Meets requirement/limit values for:** | | | |
| Germany/ Austria / Switzerland / Norway | | 1.BImSchV (Stufe 2) / 15a BVG (2015) / LRV / NS 3059 | |

1) Indications to "Rated power" determined with metallic reheating surface
2) Indications to "Storage operation" for the manual execution of the reheating surface (reference values for the specialist)
3) Damper flap recommended
4) Standard value or calculated functional proof required
5) for fireplace inserts / flue gas pipe / metallic reheating surface
6) Values determined with upper air cross-sections; stove cladding is heat emitting.

# Dimension sheets - Eck-Kamin 57/82/48 lifting door (easy-lift)

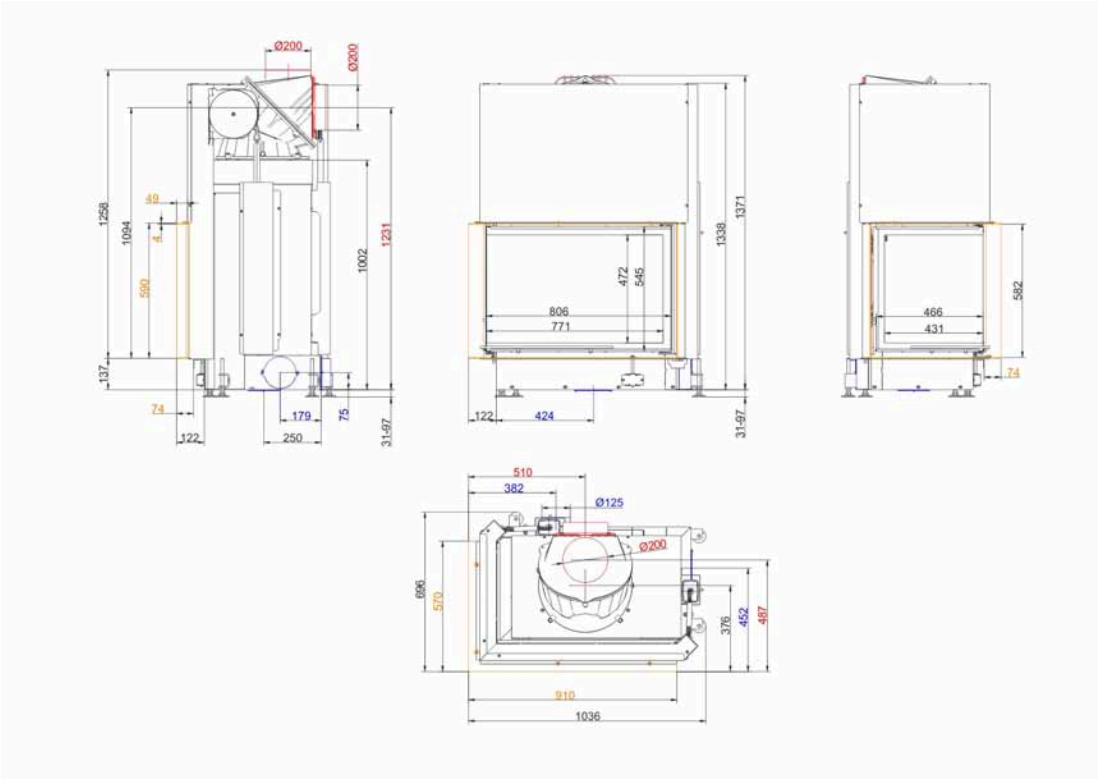



**… left with mounting frame 50 mm and cast iron dome**

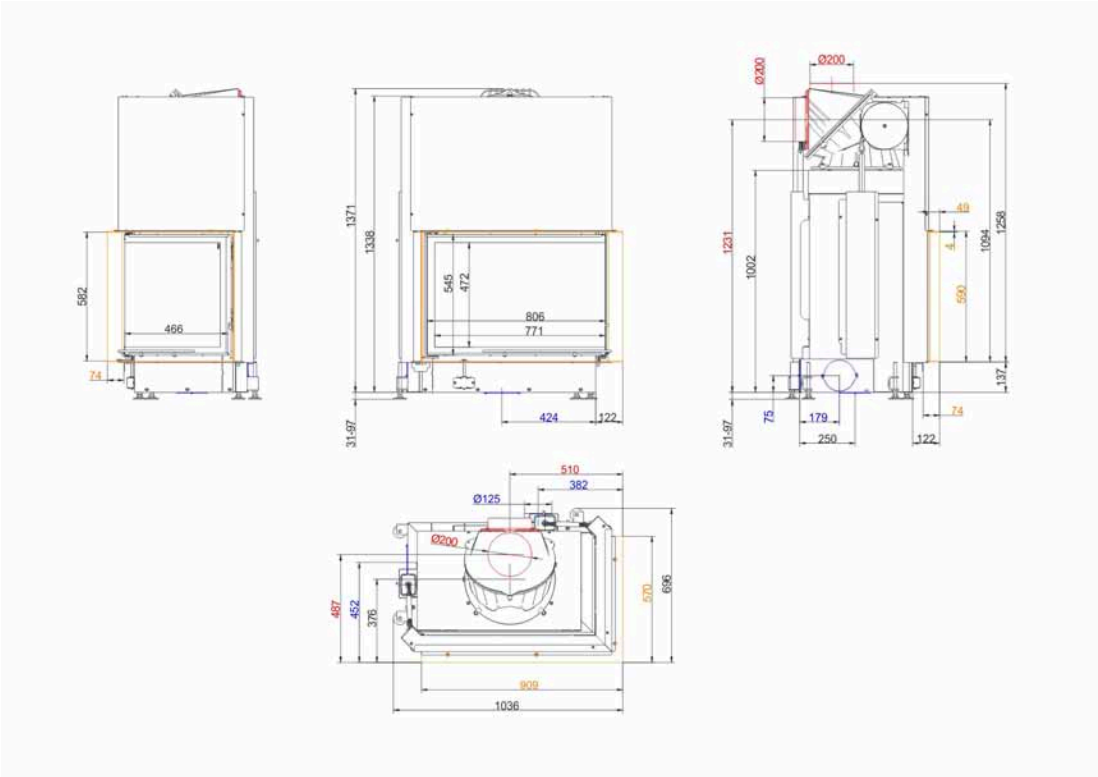



**… right with mounting frame 50 mm and cast iron dome**

# Dimension sheets - Eck-Kamin 57/82/48 lifting door (easy-lift)

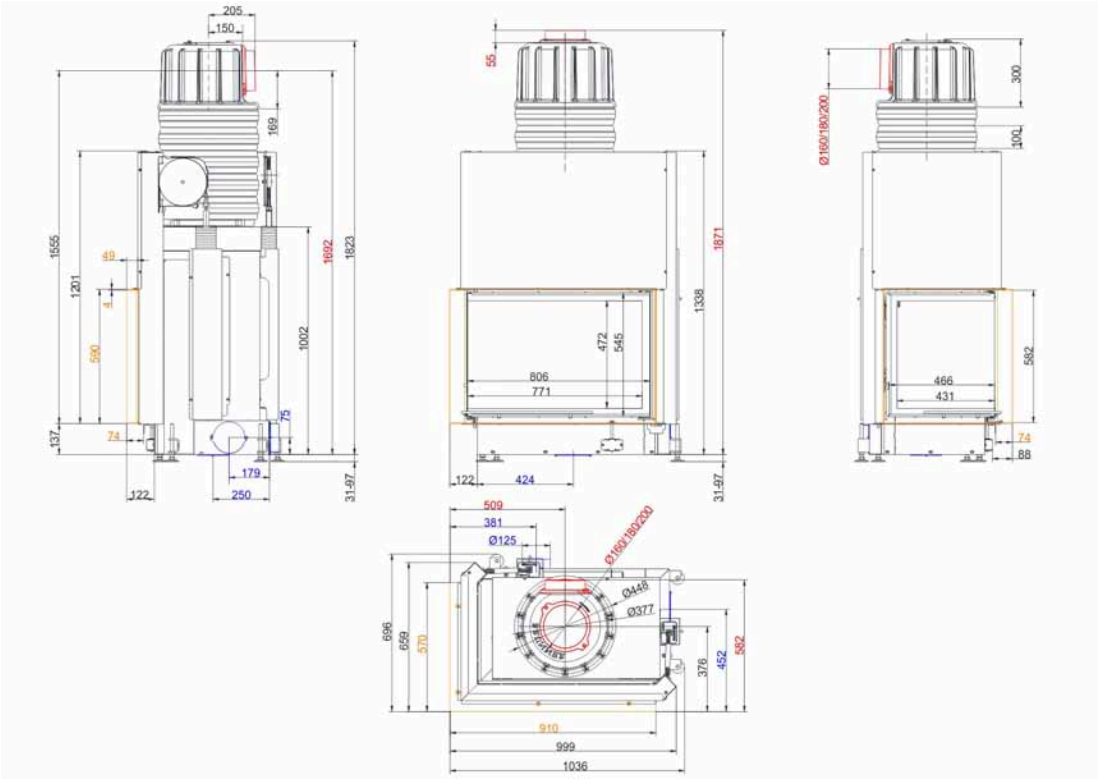



**… left with mounting frame 50 mm and cast iron hot air hood**

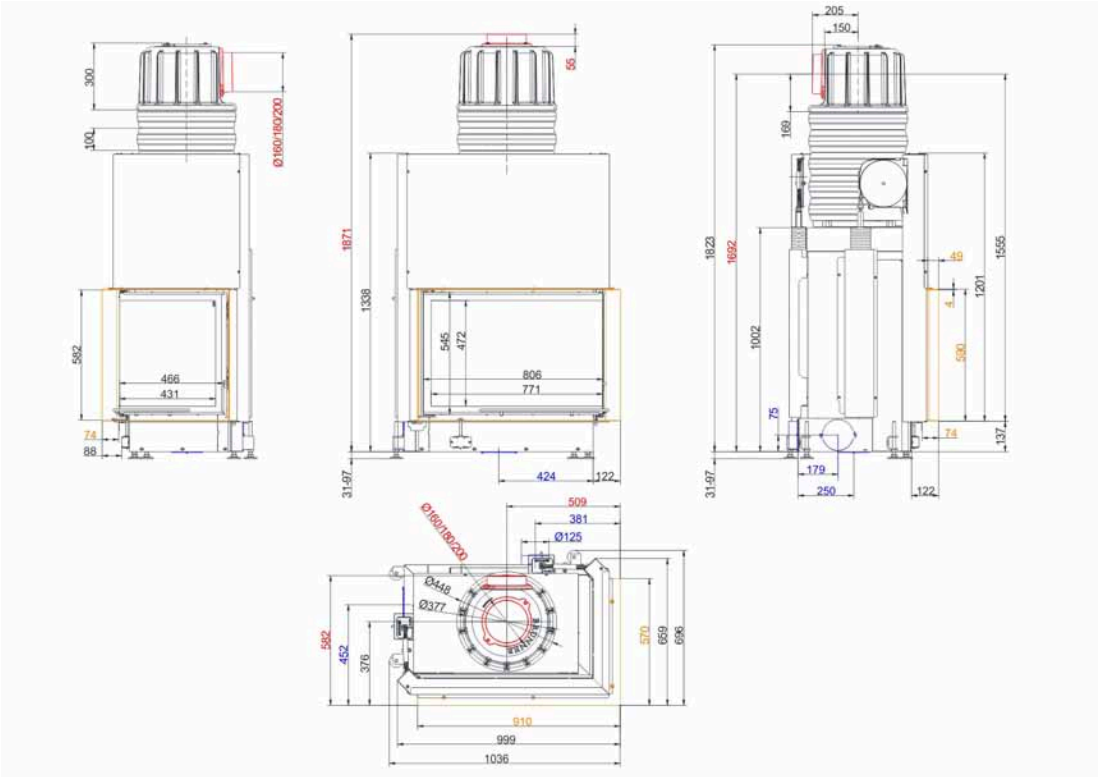



**… right with mounting frame 50 mm and cast iron hot air hood**

# Dimension sheets - Eck-Kamin 57/82/48 lifting door (easy-lift)

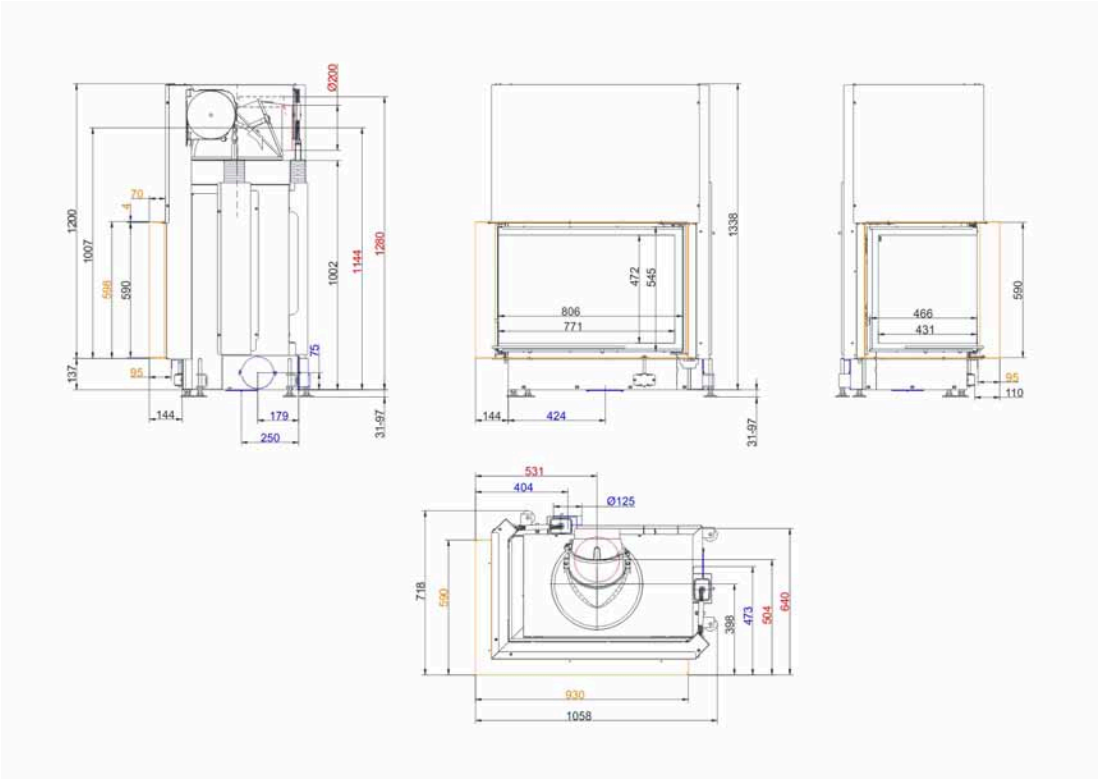



**… left with mounting frame 50 mm and MAS**

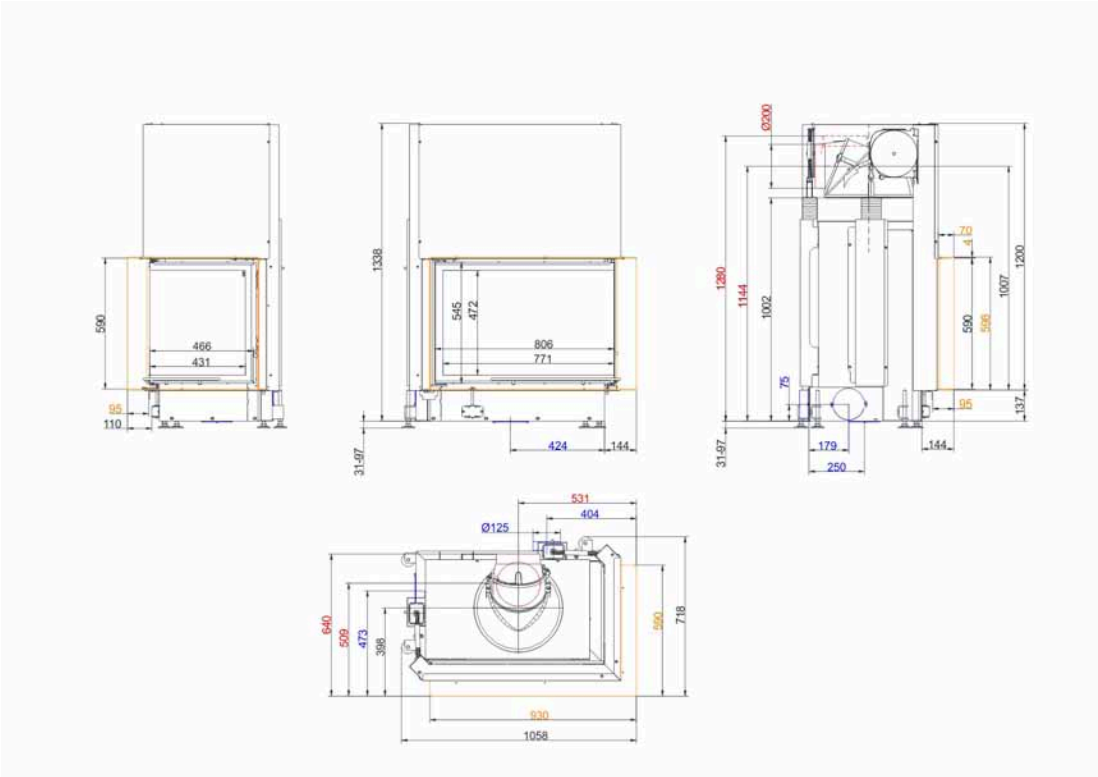



**… right with mounting frame 50 mm and MAS**

# Dimension sheets - Eck-Kamin 57/82/48 lifting door (easy-lift)



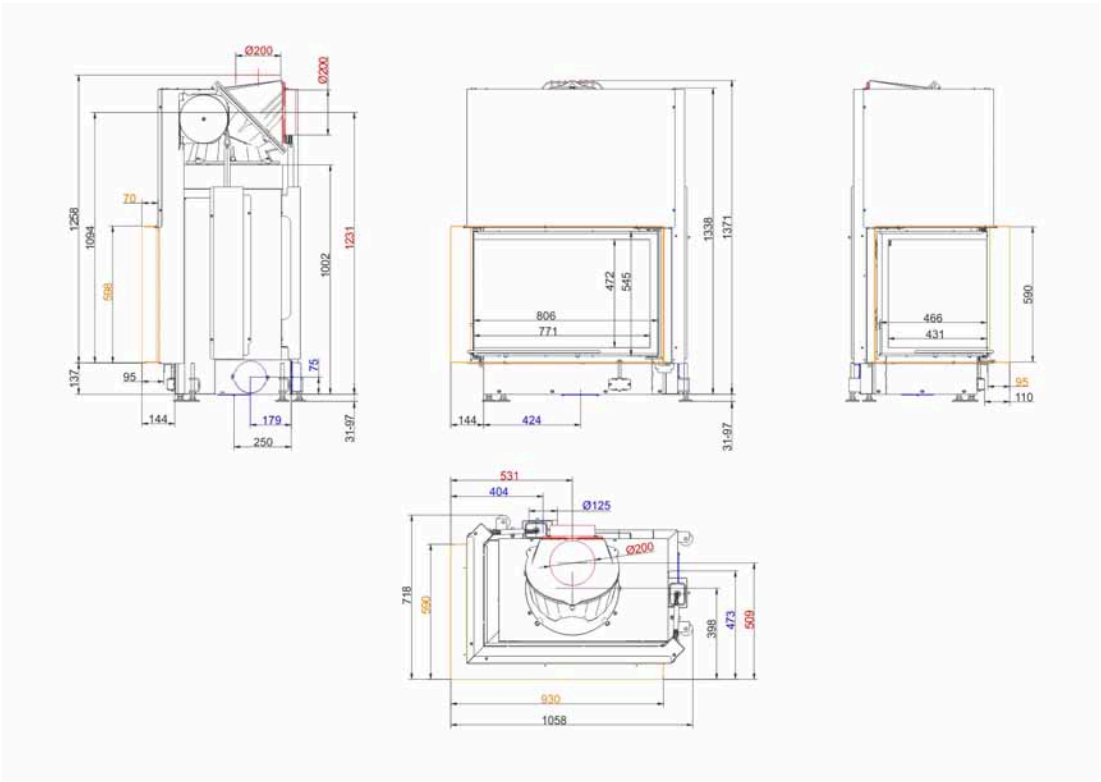

**… left with mounting frame 70 mm and cast iron dome**



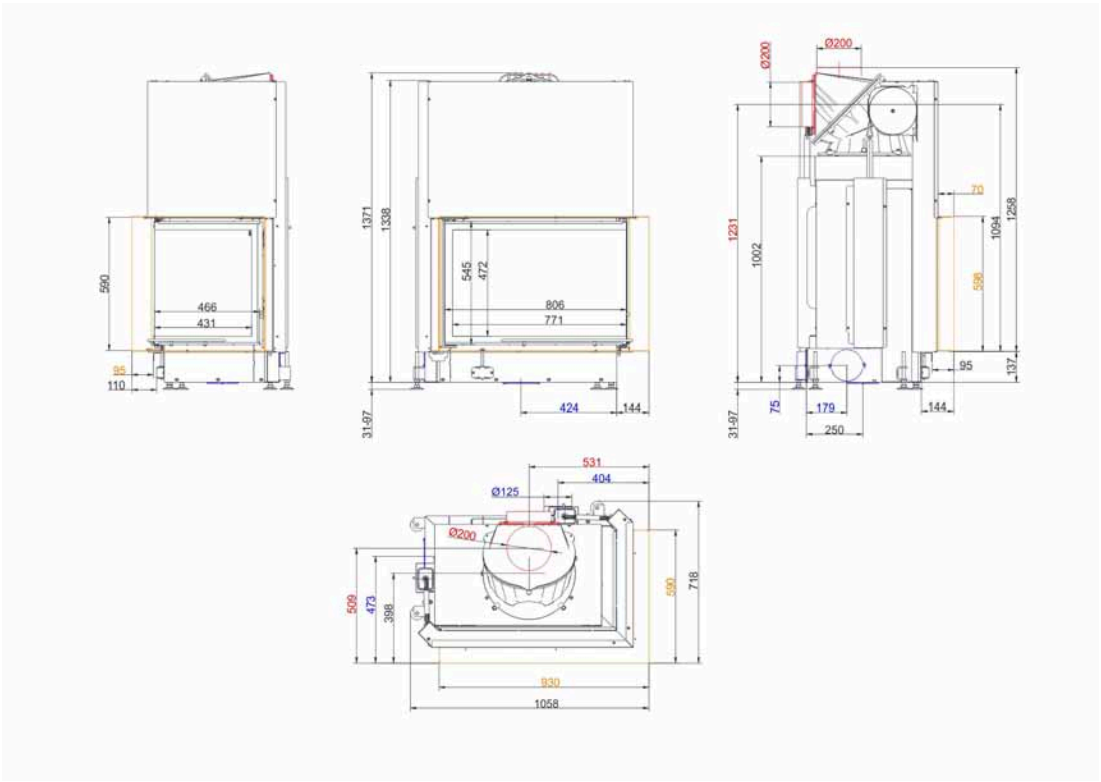

**… right with mounting frame 70 mm and cast iron dome**

Stand: 2021-11-29

# Dimension sheets - Eck-Kamin 57/82/48 lifting door (easy-lift)

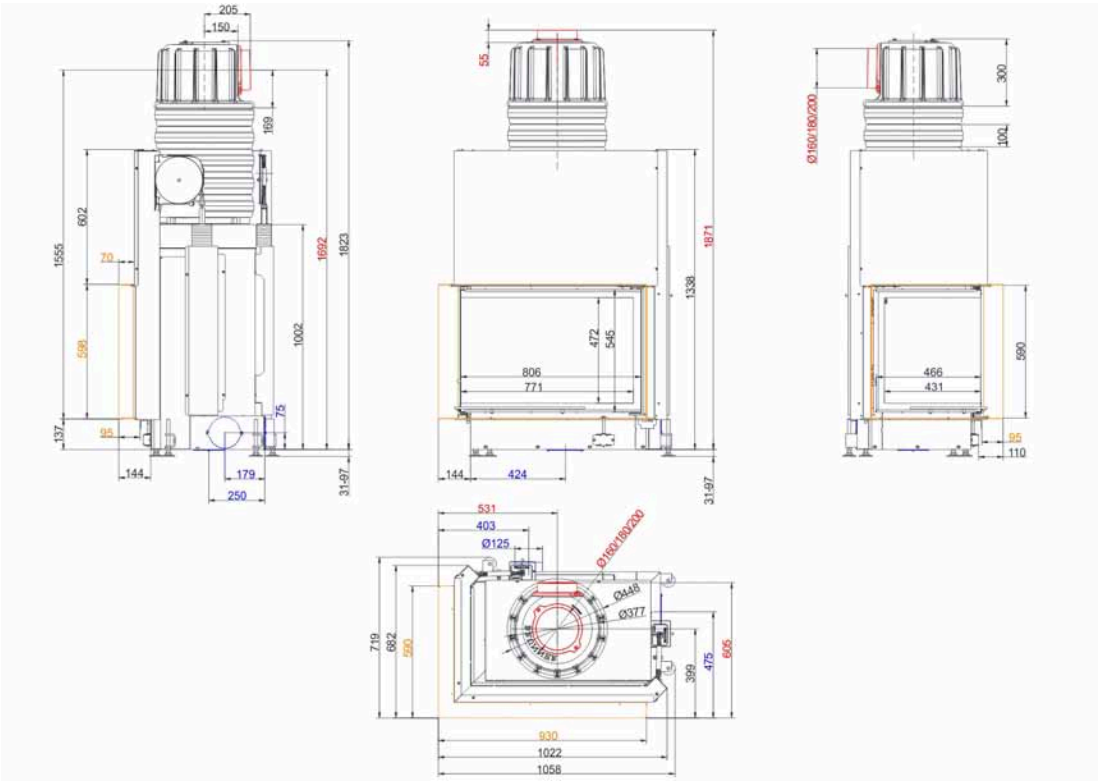



**… left with mounting frame 70 mm and cast iron hot air hood**

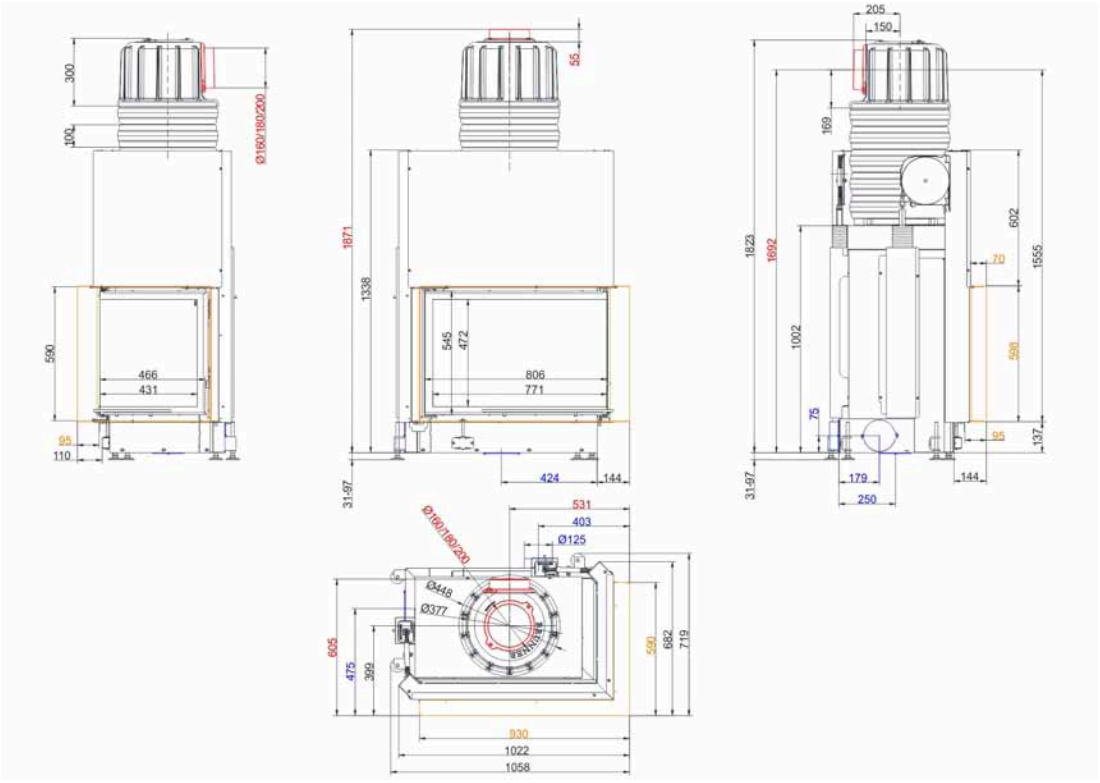



**… right with mounting frame 70 mm and cast iron hot air hood**

# Dimension sheets - Eck-Kamin 57/82/48 lifting door (easy-lift)




**… left with mounting frame 70 mm and MAS**




**… right with mounting frame 70 mm and MAS**

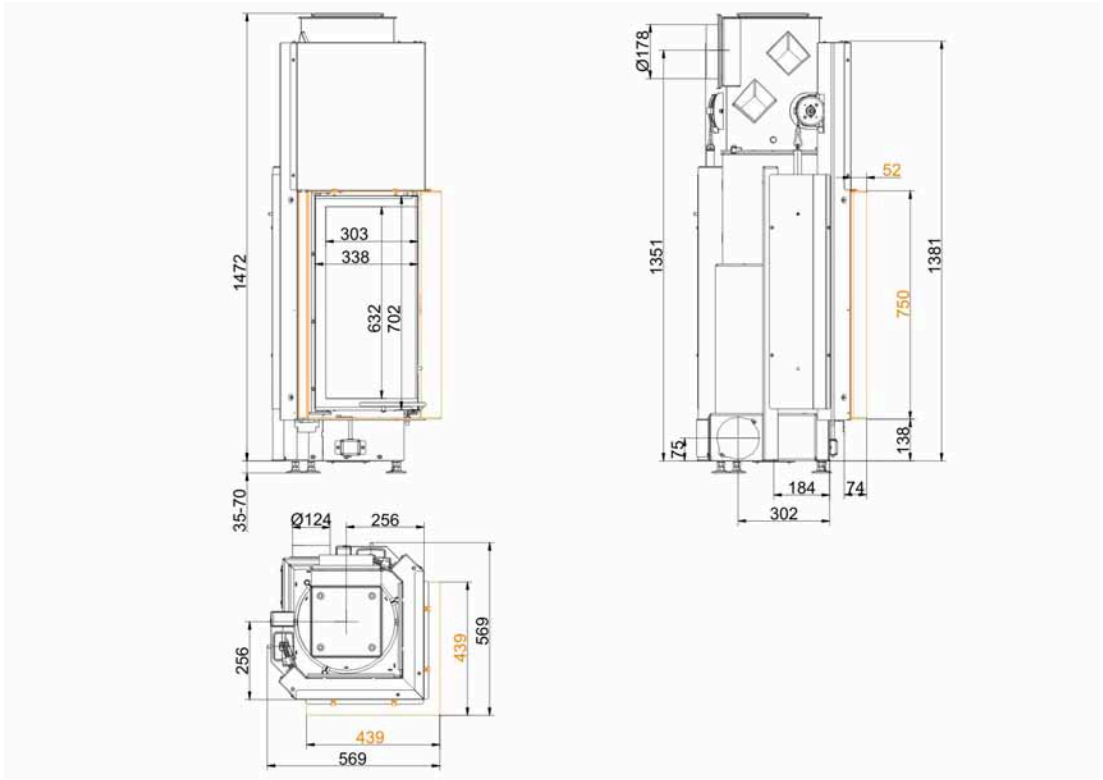
We suggest for CAD planning Palette CAD. Permanent updated drawings: www.brunner.de
Frames/ flue gas outlet connection/ combustion air supply connection/ front variants/ support bearing are marked in color.

# Planning and installation - Eck-Kamin 57/82/48 lifting door (easy-lift)

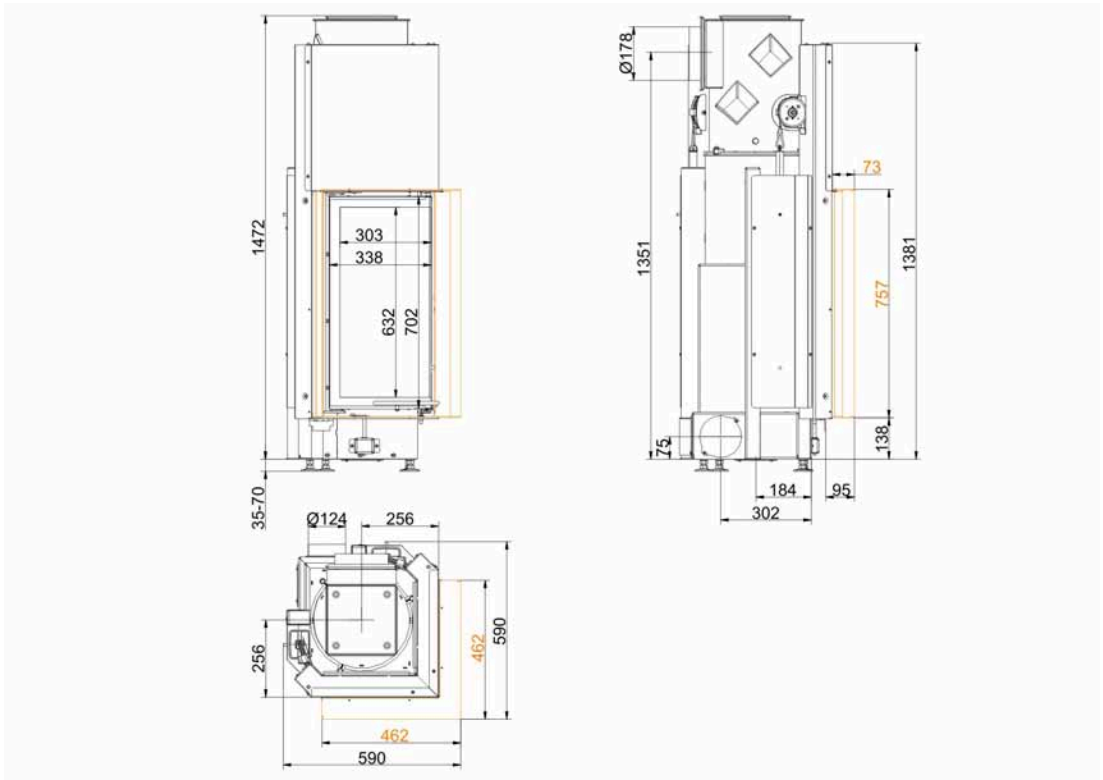
| Tested according to | | EN 13229 W | EN 13229 WA |
|---|---|---|---|
| Values measured at | | Rated power [1] | Storage operation [2] |
| Suitable for all construction types according to rules | | OK | OK |
| **Data for functional demonstration** | | | |
| Rated heat power | kW | 12 | - |
| Fire wood volume | kg/h | 3.6 | 5 |
| Combustion performance | kW | 16 | 22 |
| Flue gas mass flow | g/s | 11 | 19 |
| Outlet temperature (before reheating surface) | °C | - | 325 |
| Flue gas temperature after: | | | |
| metalic hot air hood | °C | 195 | 260 |
| 1 x adjoining cast iron radiator (GNF 8/10) | °C | - | 142 |
| 5 x accumulation rings incl. MAS casted cover [3] | °C | - | 200 |
| 2 m ceramic accumulator [4] | °C | - | 180 |
| 1,4 m accumulation stones (MSS) [4] | °C | - | 180 |
| Necessary supply pressure | Pa | 12 | 15 |
| Combustion air consumption | $m^3/h$ | 32 | 50 |
| Combustion air connection Ø | mm | 125 | 125 |
| **Heat distribution** | | | |
| Insert / reheating surface | % | 25 / 30 | 25 / 30 |
| Glass pane (single / double) | % | 45 / - | 45 / - |
| **Cross-section of gratings [5]** | | | |
| Convection air | $cm^2$ | 700 / 100 / 400 | 700 / 100 / 400 |
| Supply air | $cm^2$ | 700 / 100 / 400 | 700 / 100 / 400 |
| **Minimal oven surface for closed construction type** | | | |
| Heat dissipating surface | $m^2$ | 5 | 5 |
| **Minimal distances of the fireplace** | | | |
| to cladding, insulation layer | cm | 6 | 6 |
| to mounting floor | cm | 15 | 15 |
| **Thermal insulation without / with air gratings [6]** | | | |
| Mounting wall | cm | 14 / 10 | 14 / 10 |
| Floor | cm | 2 / 2 | 2 / 2 |
| Ceiling | cm | 19 / 14 | 19 / 14 |
| Brick lining for combustible wall | cm | 10 | 10 |
| **Weight** | | | |
| Fireplace / combustion chamber | kg | 255 / 82 / - | |
| **Meets requirement/limit values for:** | | | |
| Germany/ Austria / Switzerland / Norway | | 1.BImSchV (Stufe 2) / 15a BVG (2015) / LRV / NS 3059 | |

1) Indications to "Rated power" determined with metallic reheating surface
2) Indications to "Storage operation" for the manual execution of the reheating surface (reference values for the specialist)
3) Damper flap recommended
4) Standard value or calculated functional proof required
5) for fireplace inserts / flue gas pipe / metallic reheating surface
6) Values determined with upper air cross- sections; stove cladding is heat emitting

# Dimension sheets - Eck-Kamin 70/33/33 lifting door (easy-lift)




**… with mounting frame 50 mm**




**… with mounting frame 70 mm**

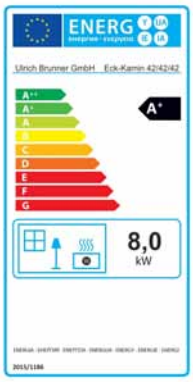
We suggest for CAD planning Palette CAD. Permanent updated drawings: www.brunner.de
Frames/ flue gas outlet connection/ combustion air supply connection/ front variants/ support bearing are marked in color.

# Planning and installation - Eck-Kamin 70/33/33 lifting door (easy-lift)

| | | |
|---|---|---|
| Tested according to | | EN 13229 W |
| Values measured at | | Rated power [1] |
| Suitable for all construction types according to rules | | OK |
| **Data for functional demonstration** | | |
| Rated heat power | kW | 9 |
| Fire wood volume | kg/h | 2.9 |
| Combustion performance | kW | 12 |
| Flue gas mass flow | g/s | 9 |
| Flue gas temperature after: | | |
| metalic hot air hood | °C | 210 |
| Necessary supply pressure | Pa | 13 |
| Combustion air consumption | $m^3/h$ | 28 |
| Combustion air connection Ø | mm | 125 |
| **Heat distribution** | | |
| Insert / reheating surface | % | 25 / 30 |
| Glass pane (single / double) | % | 45 / - |
| **Cross-section of gratings [2]** | | |
| Convection air | $cm^2$ | 400 / 100 / 200 |
| Supply air | $cm^2$ | 400 / 100 / 200 |
| **Minimal oven surface for closed construction type** | | |
| Heat dissipating surface | $m^2$ | 3.5 |
| **Minimal distances of the fireplace** | | |
| to cladding, insulation layer | cm | 6 |
| to mounting floor | cm | 4 |
| **Thermal insulation without / with air gratings [3]** | | |
| Mounting wall | cm | 8 / 6 |
| Floor | cm | 0 / 0 |
| Ceiling | cm | 19 / 15 |
| Brick lining for combustible wall | cm | 10 |
| **Weight** | | |
| Fireplace / combustion chamber | kg | 171 / 42 |
| **Meets requirement/limit values for:** | | |
| Germany/ Austria / Switzerland / Norway | | 1.BImSchV (Stufe 2) / 15a BVG (2015) / LRV / NS 3059 |

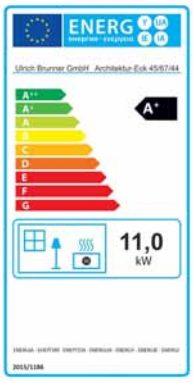
1) Indications to "Rated power" determined with metallic reheating surface
2) for fireplace inserts / flue gas pipe / metallic reheating surface
3) Values determined with upper air cross-sections; stove cladding is heat emitting.

## Product data sheet according to (EU) 2015/1186:



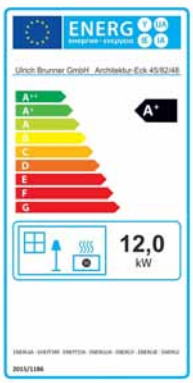

| | |
|---|---|
| Supplier's name or trademark | Ulrich Brunner GmbH |
| Model identifier: | Eck-Kamin 42/42/42 |
| Energy efficiency class: | A+ |
| Direct heat output: | 8,0 kW |
| Indirect heat output: | N.A. kW |
| Energy efficiency index: | 109 |
| Fuel energy efficiency (at nominal heat output): | 82,0 % |
| Fuel energy efficiency (at minimum load): | N.A. % |
| Special precautions: see supplied product documentation | |

## Product data sheet according to (EU) 2015/1186:



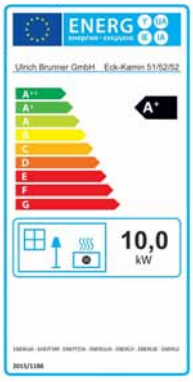

| | |
|---|---|
| Supplier's name or trademark | Ulrich Brunner GmbH |
| Model identifier: | Architektur-Eck 45/67/44 |
| Energy efficiency class: | A+ |
| Direct heat output: | 11,0 kW |
| Indirect heat output: | N.A. kW |
| Energy efficiency index: | 109 |
| Fuel energy efficiency (at nominal heat output): | 82,0 % |
| Fuel energy efficiency (at minimum load): | N.A. % |
| Special precautions: see supplied product documentation | |

## Product data sheet according to (EU) 2015/1186:



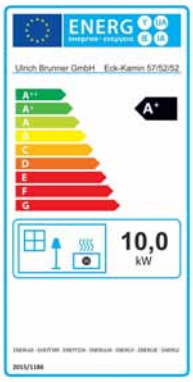

| | |
|---|---|
| Supplier's name or trademark | Ulrich Brunner GmbH |
| Model identifier: | Architektur-Eck 45/82/48 |
| Energy efficiency class: | A+ |
| Direct heat output: | 12,0 kW |
| Indirect heat output: | N.A. kW |
| Energy efficiency index: | 109 |
| Fuel energy efficiency (at nominal heat output): | 82,0 % |
| Fuel energy efficiency (at minimum load): | N.A. % |
| Special precautions: see supplied product documentation | |

## Product data sheet according to (EU) 2015/1186:



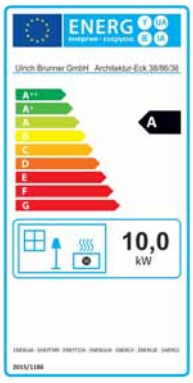

| | |
|---|---|
| Supplier's name or trademark | Ulrich Brunner GmbH |
| Model identifier: | Eck-Kamin 51/52/52 |
| Energy efficiency class: | A+ |
| Direct heat output: | 10,0 kW |
| Indirect heat output: | N.A. kW |
| Energy efficiency index: | 109 |
| Fuel energy efficiency (at nominal heat output): | 82,0 % |
| Fuel energy efficiency (at minimum load): | N.A. % |
| Special precautions: see supplied product documentation | |

## Product data sheet according to (EU) 2015/1186:



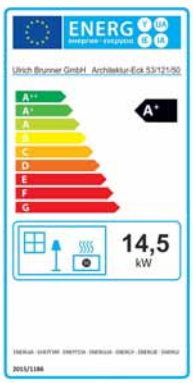

| | |
|---|---|
| Supplier's name or trademark | Ulrich Brunner GmbH |
| Model identifier: | Eck-Kamin 57/52/52 |
| Energy efficiency class: | A+ |
| Direct heat output: | 10,0 kW |
| Indirect heat output: | N.A. kW |
| Energy efficiency index: | 109 |
| Fuel energy efficiency (at nominal heat output): | 82,0 % |
| Fuel energy efficiency (at minimum load): | N.A. % |
| Special precautions: see supplied product documentation | |

## Product data sheet according to (EU) 2015/1186:



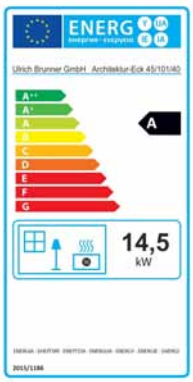

| | |
|---|---|
| Supplier's name or trademark | Ulrich Brunner GmbH |
| Model identifier: | Architektur-Eck 38-86-36 |
| Energy efficiency class: | A |
| Direct heat output: | 10,0 kW |
| Indirect heat output: | N.A. kW |
| Energy efficiency index: | 107 |
| Fuel energy efficiency (at nominal heat output): | 81,0 % |
| Fuel energy efficiency (at minimum load): | N.A. % |
| Special precautions: see supplied product documentation | |

## Product data sheet according to (EU) 2015/1186:




| | |
|---|---|
| Supplier's name or trademark | Ulrich Brunner GmbH |
| Model identifier: | Architektur-Eck 53-121-50 |
| Energy efficiency class: | A+ |
| Direct heat output: | 14,5 kW |
| Indirect heat output: | N.A. kW |
| Energy efficiency index: | 109 |
| Fuel energy efficiency (at nominal heat output): | 82,0 % |
| Fuel energy efficiency (at minimum load): | N.A. % |
| Special precautions: see supplied product documentation | |

## Product data sheet according to (EU) 2015/1186:

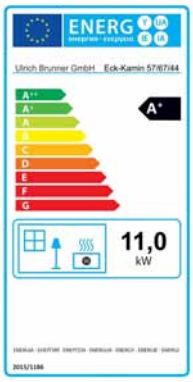



| | |
|---|---|
| Supplier's name or trademark | Ulrich Brunner GmbH |
| Model identifier: | Architektur-Eck 45-101-40 |
| Energy efficiency class: | A |
| Direct heat output: | 14,5 kW |
| Indirect heat output: | N.A. kW |
| Energy efficiency index: | 106 |
| Fuel energy efficiency (at nominal heat output): | 80,0 % |
| Fuel energy efficiency (at minimum load): | N.A. % |
| Special precautions: see supplied product documentation | |


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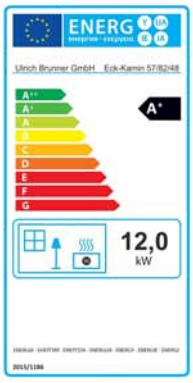
## Product data sheet according to (EU) 2015/1186:

| | |
|---|---|
| Supplier's name or trademark | Ulrich Brunner GmbH |
| Model identifier: | Eck-Kamin 57/67/44 |
| Energy efficiency class: | A+ |
| Direct heat output: | 11,0 kW |
| Indirect heat output: | N.A. kW |
| Energy efficiency index: | 109 |
| Fuel energy efficiency (at nominal heat output): | 82,0 % |
| Fuel energy efficiency (at minimum load): | N.A. % |
| Special precautions: see supplied product documentation | |



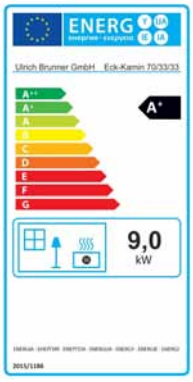

## Product data sheet according to (EU) 2015/1186:

| | |
|---|---|
| Supplier's name or trademark | Ulrich Brunner GmbH |
| Model identifier: | Eck-Kamin 57/82/48 |
| Energy efficiency class: | A+ |
| Direct heat output: | 12,0 kW |
| Indirect heat output: | N.A. kW |
| Energy efficiency index: | 109 |
| Fuel energy efficiency (at nominal heat output): | 82,0 % |
| Fuel energy efficiency (at minimum load): | N.A. % |
| Special precautions: see supplied product documentation | |




## Product data sheet according to (EU) 2015/1186:

| | |
|---|---|
| Supplier's name or trademark | Ulrich Brunner GmbH |
| Model identifier: | Eck-Kamin 70/33/33 |
| Energy efficiency class: | A+ |
| Direct heat output: | 9,0 kW |
| Indirect heat output: | N.A. kW |
| Energy efficiency index: | 109 |
| Fuel energy efficiency (at nominal heat output): | 82,0 % |
| Fuel energy efficiency (at minimum load): | N.A. % |
| Special precautions: see supplied product documentation | |




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