

FIREPLACE INSERTS FROM BRUNNER



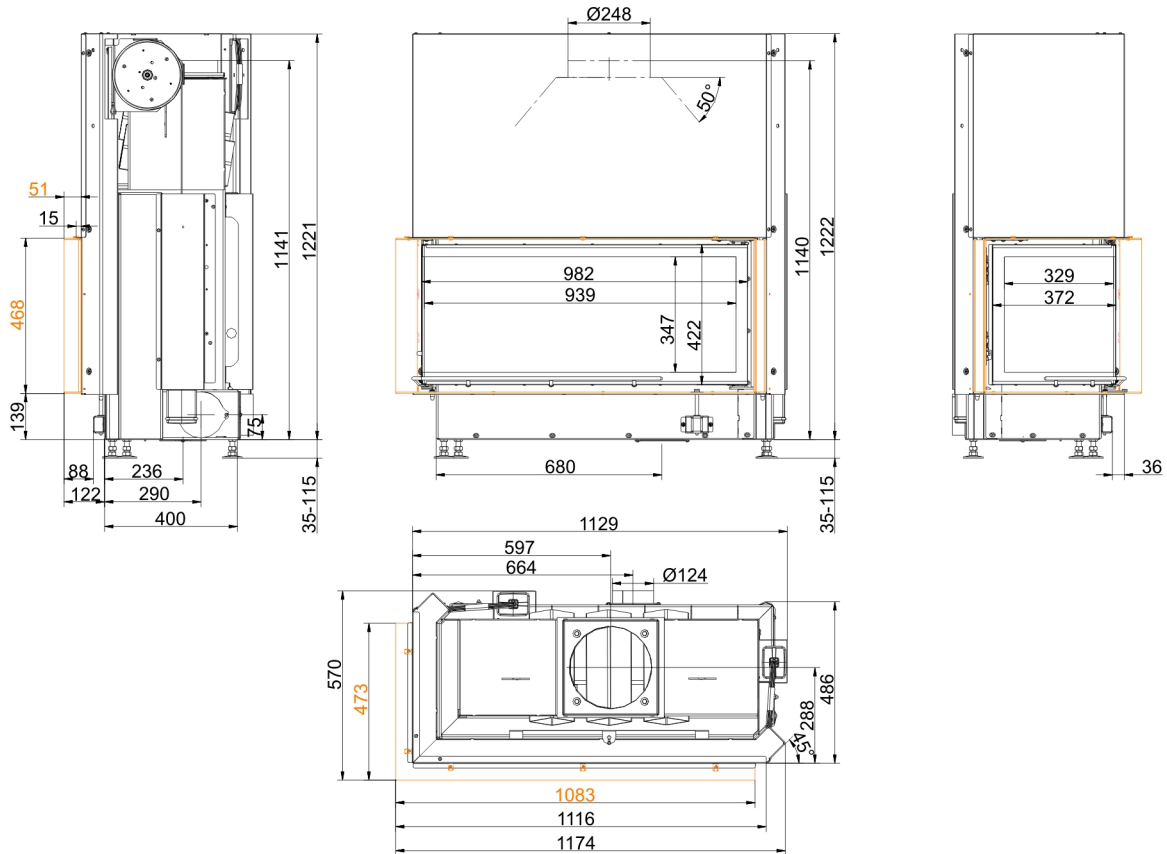
Architektur-Eck 45/101/40

State: 2023-08-21

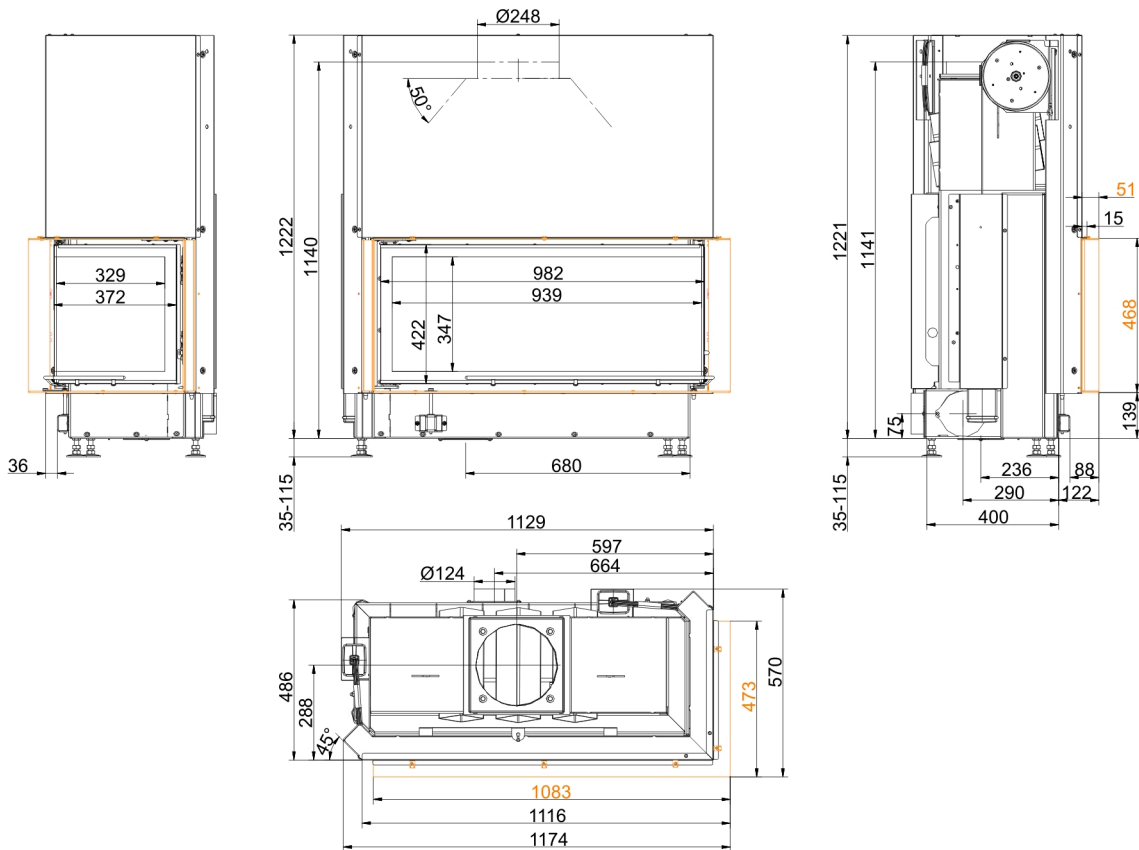


BRUNNER[®]
made in germany.

Dimension sheets - Architektur-Eck 45/101/40

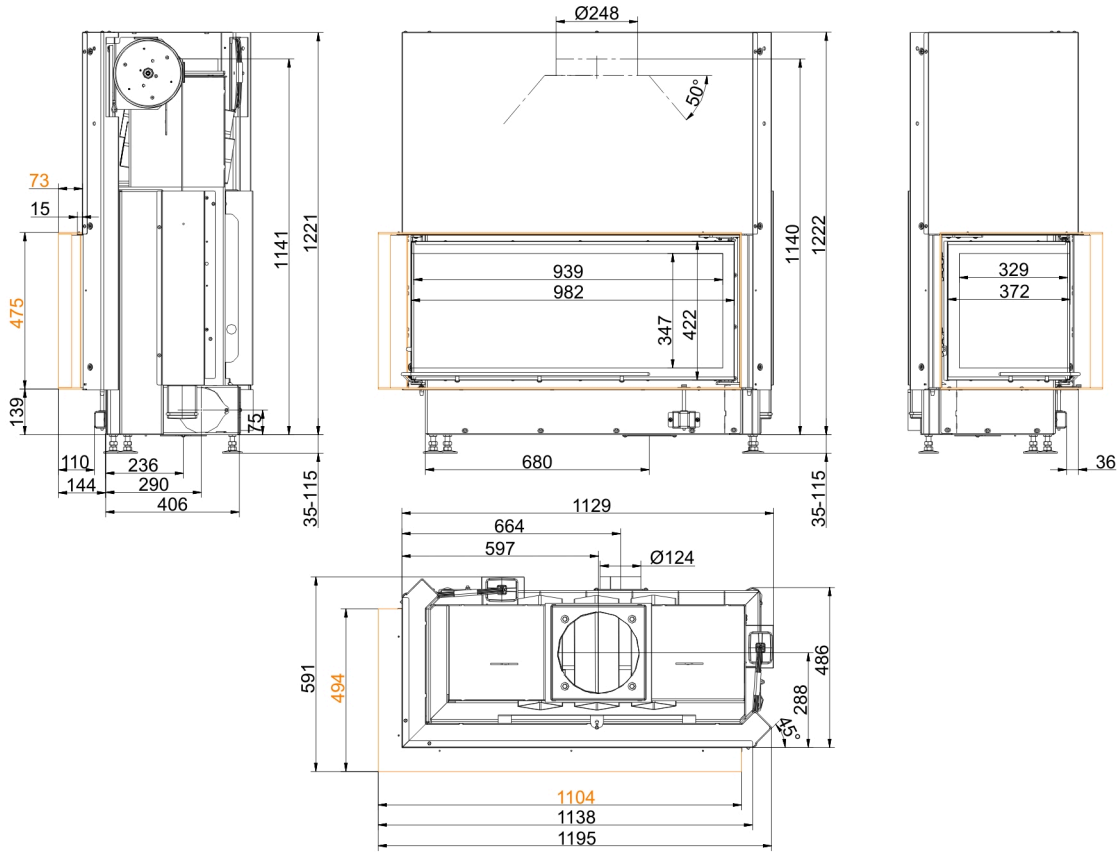


... left with mounting frame 50 mm

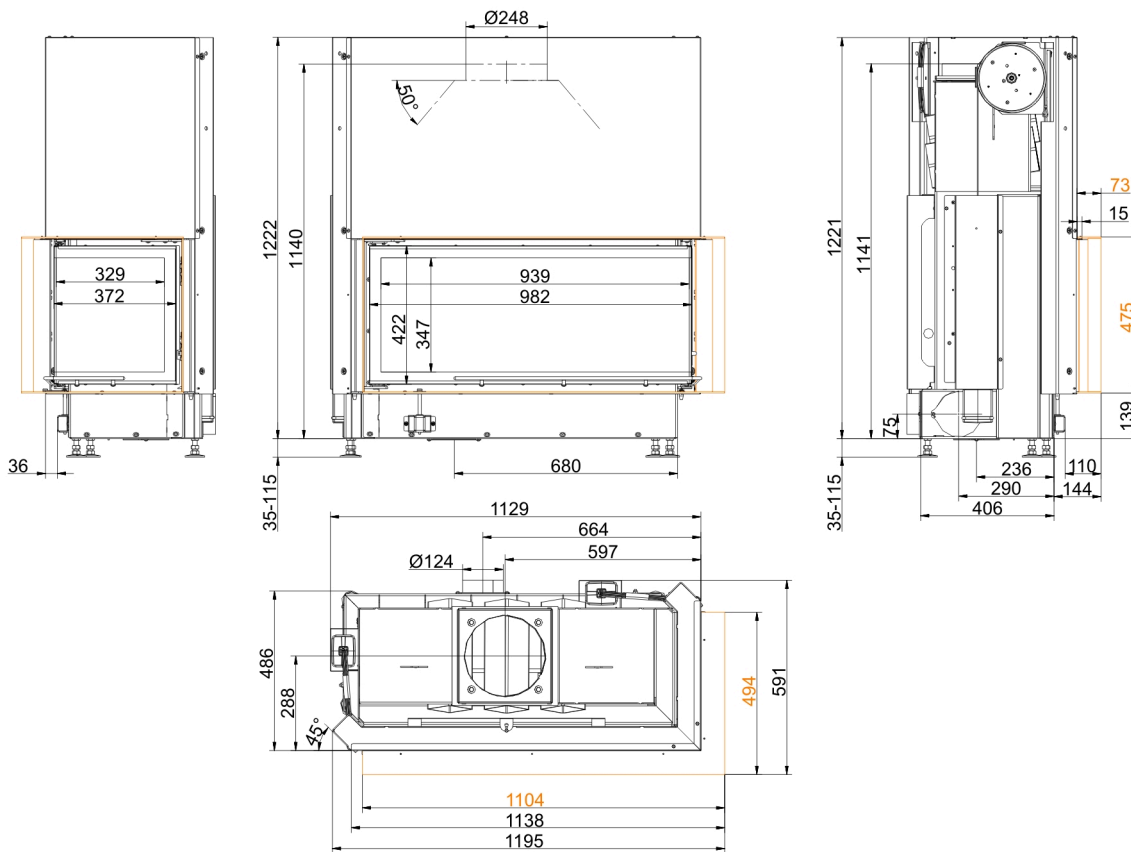


... right with mounting frame 50 mm

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 |
| Values measured at | | Rated power ¹⁾ |
| Suitable for all construction types according to rules | | OK |
| Data for functional demonstration | | |
| Rated heat power | kW | 14.5 |
| Fire wood volume | kg/h | 4.3 |
| Combustion performance | kW | 18 |
| Flue gas mass flow | g/s | 18 |
| Flue gas temperature after: | | |
| metallic hot air hood | °C | 190 |
| Necessary supply pressure | Pa | 12 |
| Combustion air consumption | m ³ /h | 60 |
| 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 | 1000 / 100 / - |
| Supply air | cm ² | 1000 / 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 |
| to mounting floor | cm | 2 |
| Thermal insulation without / with air gratings ³⁾ | | |
| Mounting wall | cm | 16 / 12 |
| Floor | cm | 4 / 2 |
| Ceiling | cm | 22 / 16 |
| Brick lining for combustible wall | cm | 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.