

FIREPLACE INSERTS FROM BRUNNER



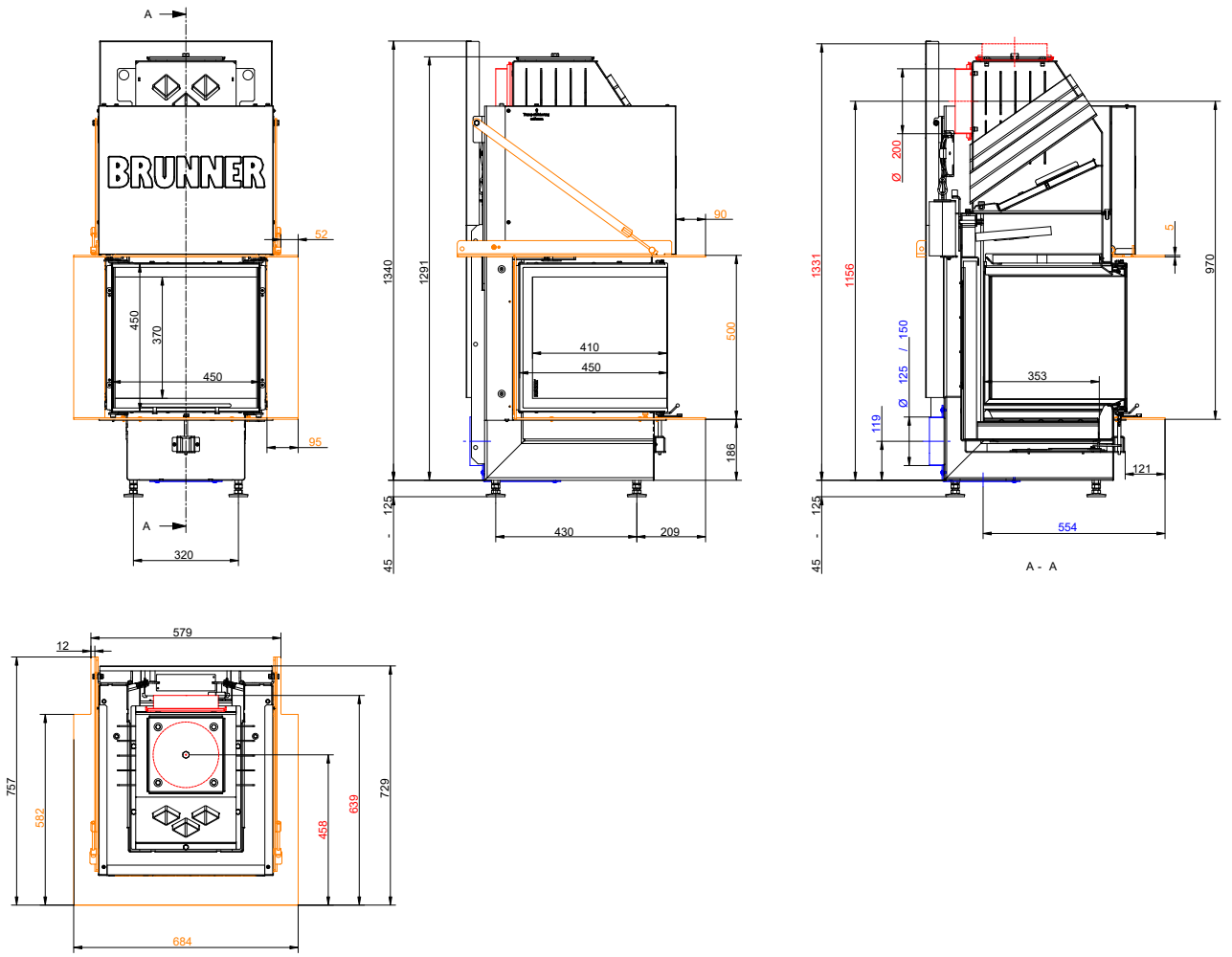
BKH Panorama 45-45-45 green

State: 2024-11-21

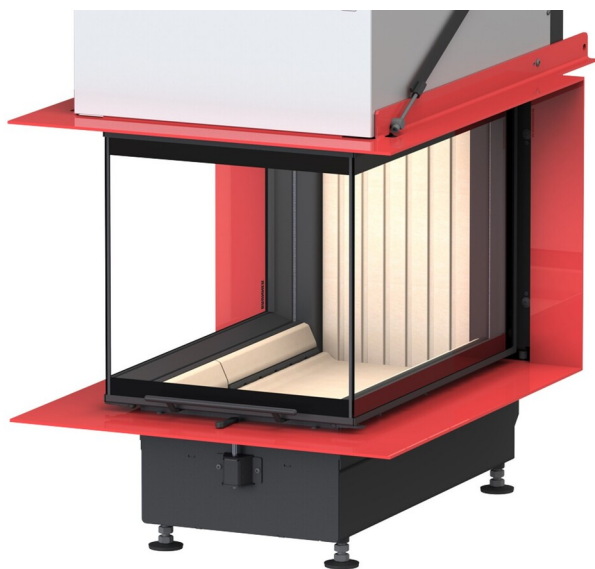


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Dimension sheets - BKH Panorama 45-45-45-45 green

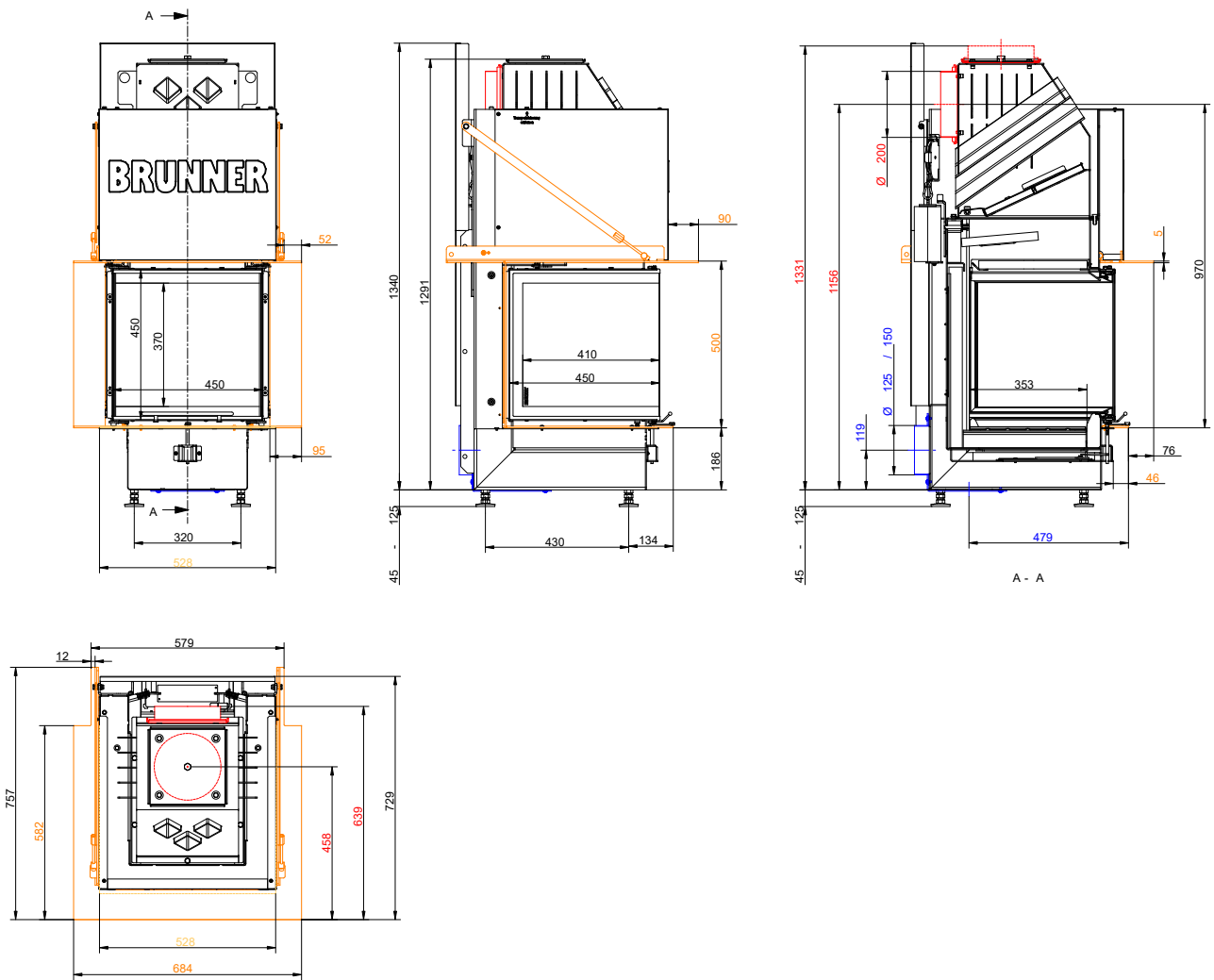


... with steel smoke hood and wide frame



... Wide frame shown in red

Dimension sheets - BKH Panorama 45-45-45-45 green

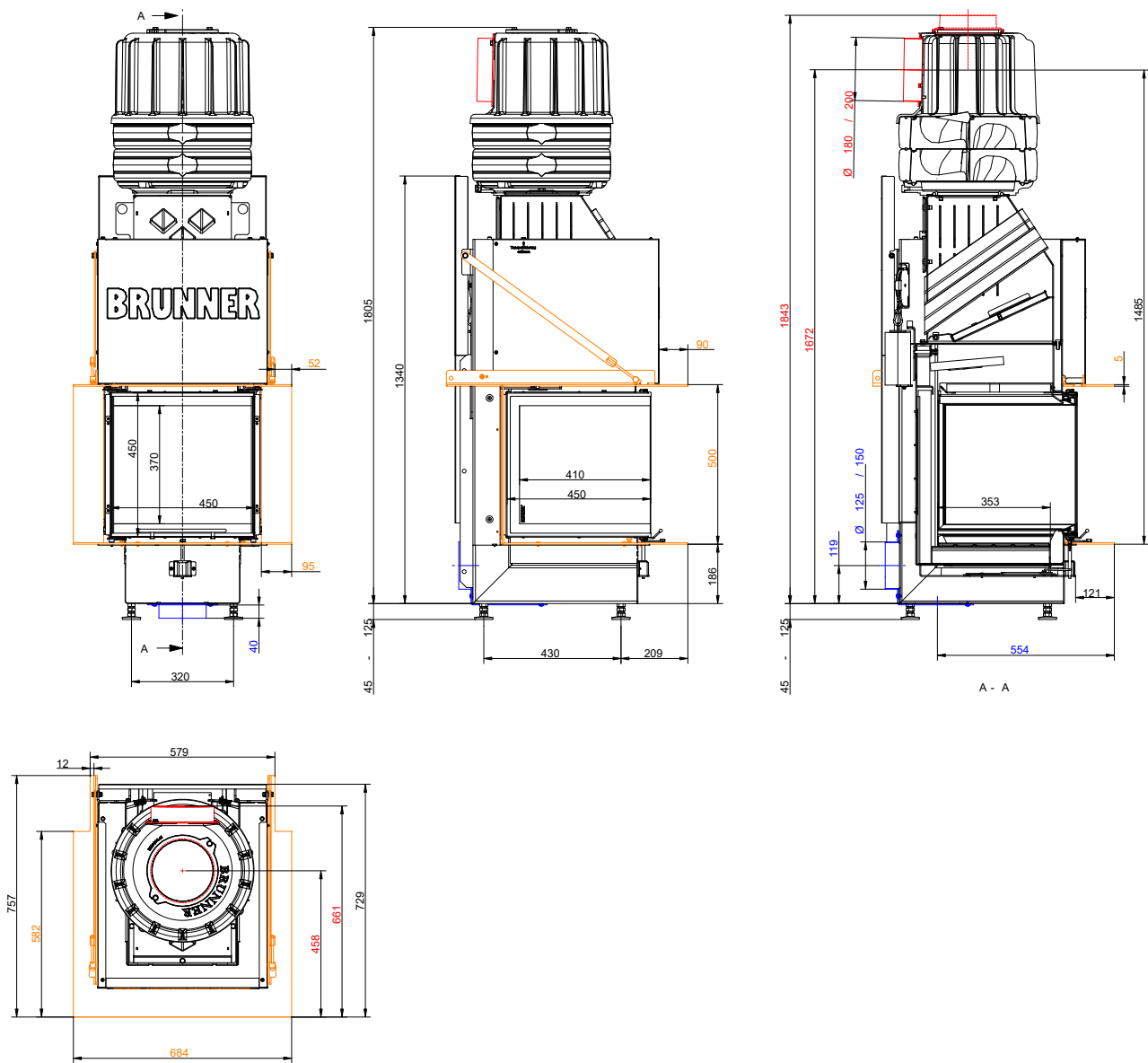


... with steel smoke hood and Mounting bracket

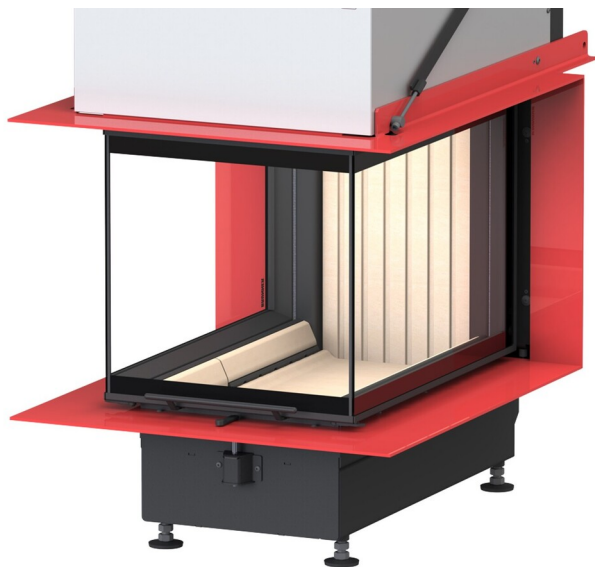


... Narrow frame shown in red

Dimension sheets - BKH Panorama 45-45-45-45 green

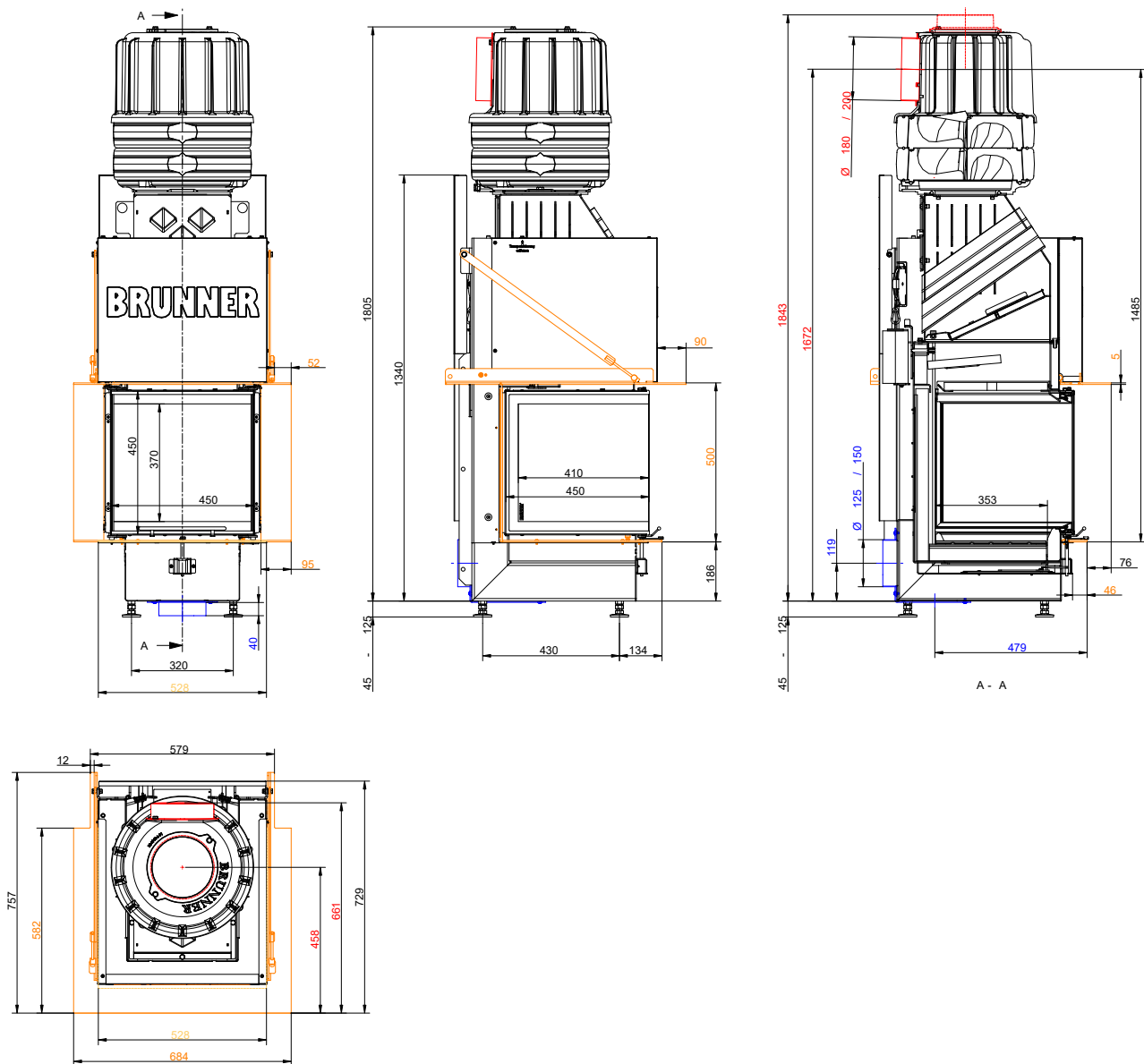


... with steel smoke hood + MAS and wide frame



... Wide frame shown in red

Dimension sheets - BKH Panorama 45-45-45-45 green



... with steel smoke hood + MAS and Mounting bracket



... Narrow frame shown in red

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 - BKH Panorama 45-45-45-45 green

Tested according to		EN 13229 W	EN 13229 WA
Values measured at		Rated power ¹⁾	Storage operation ²⁾
Data for functional demonstration			
Rated heat power	kW	7	-
Fire wood volume	kg/h	1.8	3.3
Combustion performance	kW	9	10
Flue gas mass flow	g/s	9	10
Flue gas temperature after:			
steel smoke hood	°C	210	260
2 x accumulation rings incl. MAS casted cover ³⁾	°C	-	180
Necessary supply pressure	Pa	12	12
Fuel amount	kg	1.5	3.0
Combustion air consumption	m³/h	20	36
Combustion air connection Ø	mm	125	125
Heat distribution			
Insert / reheating surface	%	25 / 30	25 / 30
glass ceramic / glass ceramic coated (GKB)	%	45 / 35	45 / 35
Cross-section of gratings ⁴⁾			
exhaust warm air	cm²	500	500
Recirculation air	cm²	500	500
Minimal oven surface for closed construction type			
Heat dissipating surface	m²	3.5	3.5
Minimal distances of the fireplace			
Heat protection panel for cladding, insulation layer	cm	3	3
to cladding, insulation layer	cm	5	5
to the floor (non-combustible)	cm	3	3
Minimum insulation thicknesses of substitute insulation material / reference insulation material + facing wall ⁵⁾			
with heat protection panel for mounting wall (non-combustible) ⁶⁾	cm	6 / 8	6 / 8
with heat protection panel for mounting wall (combustible) ⁶⁾	cm	12 / 13 + 10	12 / 13 + 10
to mounting wall (non-combustible)	cm	8 / 10	8 / 10
to mounting wall (combustible)	cm	18 / 20 + 10	18 / 20 + 10
to the ceiling (non-combustible)	cm	8 / 10	8 / 10
to the ceiling (combustible)	cm	22 / 25 + 10	22 / 25 + 10
to the floor (non-combustible)	cm	0 / 0	0 / 0
Minimum distances in front of the combustion chamber, glass ceramic / glass ceramic coated (GKB)			
for combustible parts	cm	≥ 120 / ≥ 80	≥ 120 / ≥ 80
Weight			
Fireplace insert + combustion chamber inner lining chamotte/cast iron	kg	213 + 26 / 29	
Meets requirement/limit values for:			
EU / Germany		Ecodesign / 1. BImSchV (Stufe 2)	

1) Data on 'nominal output' determined with steel smoke hood 180 mm and installed catalytic converter

2) Information on "Storage operation" for the version with top-mount accumulator.

3) Damper flap recommended

4) Air cross-sections if the specified nominal heat output is desired as the heat output.

5) Fire safety: values determined with air cross-sections evaluated by safety testing; stove cladding is heat emitting.

Insulation material data with calcium silicate (Promasil 950KS)/10 cm wall lining + reference insulation material

(mineral wool according to AGI Q 132). The specifications for walls/ceilings that do not require protection and are non-combustible correspond to the specifications of TROL (Germany).

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Subject to technical and assortment changes. Errors excepted.

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- 6) Heat protection panels (accessories) only available for selected fireplace inserts. For assembly and design of the heat protection panel see assembly instructions. Distance between mounted heat protection panel and fireplace insert: rear wall 2 cm.