

FIREPLACE INSERTS FROM BRUNNER



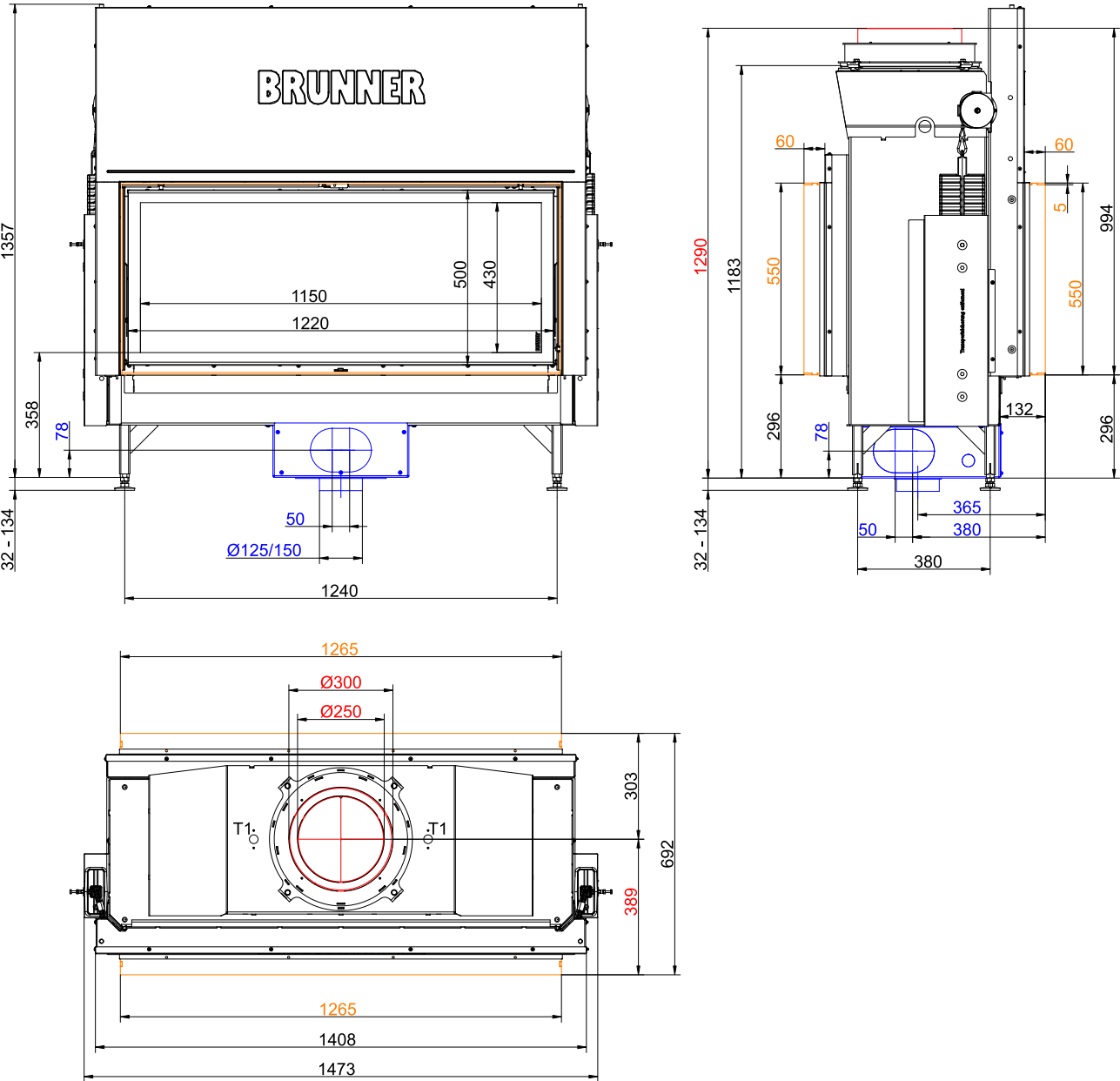
BKH Tunnel 50-122

State: 2026-07-08



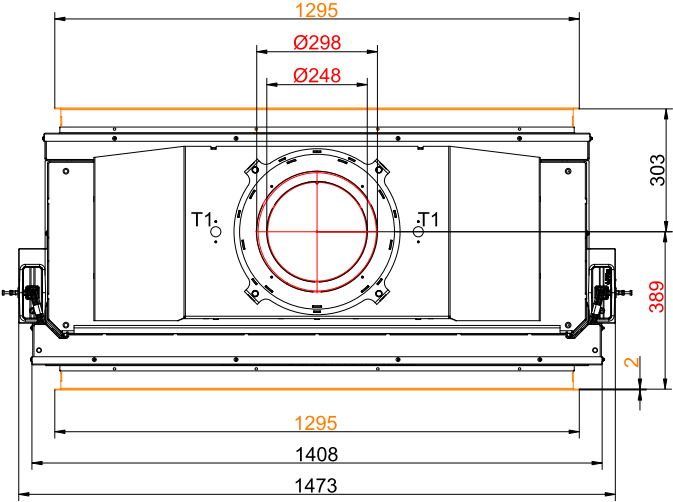
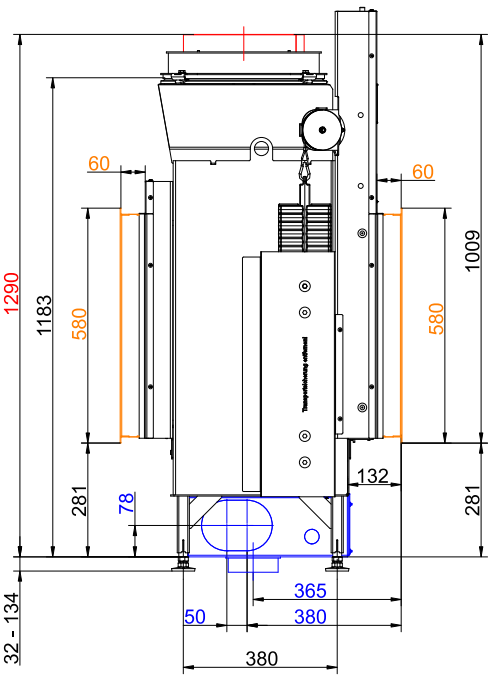
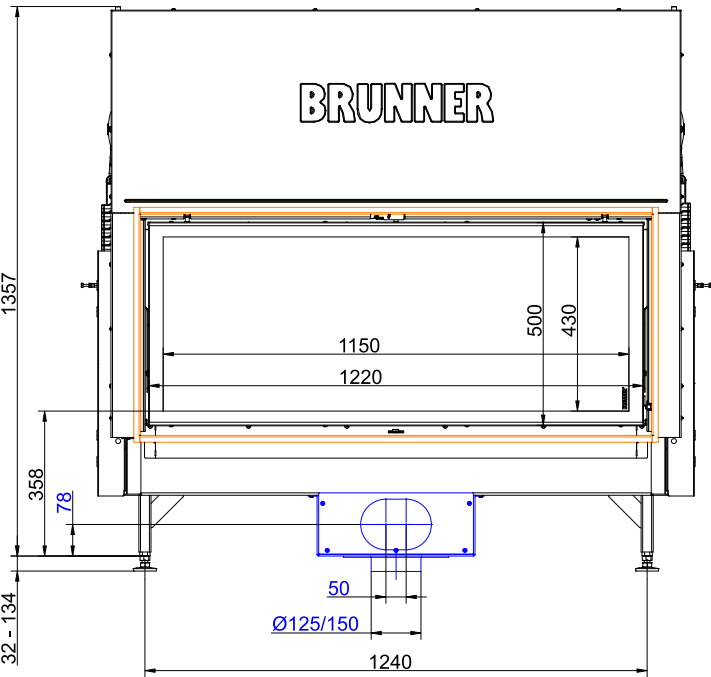
BRUNNER[®]
heizen auf bayerisch.

Dimension sheets - BKH Tunnel 50-122



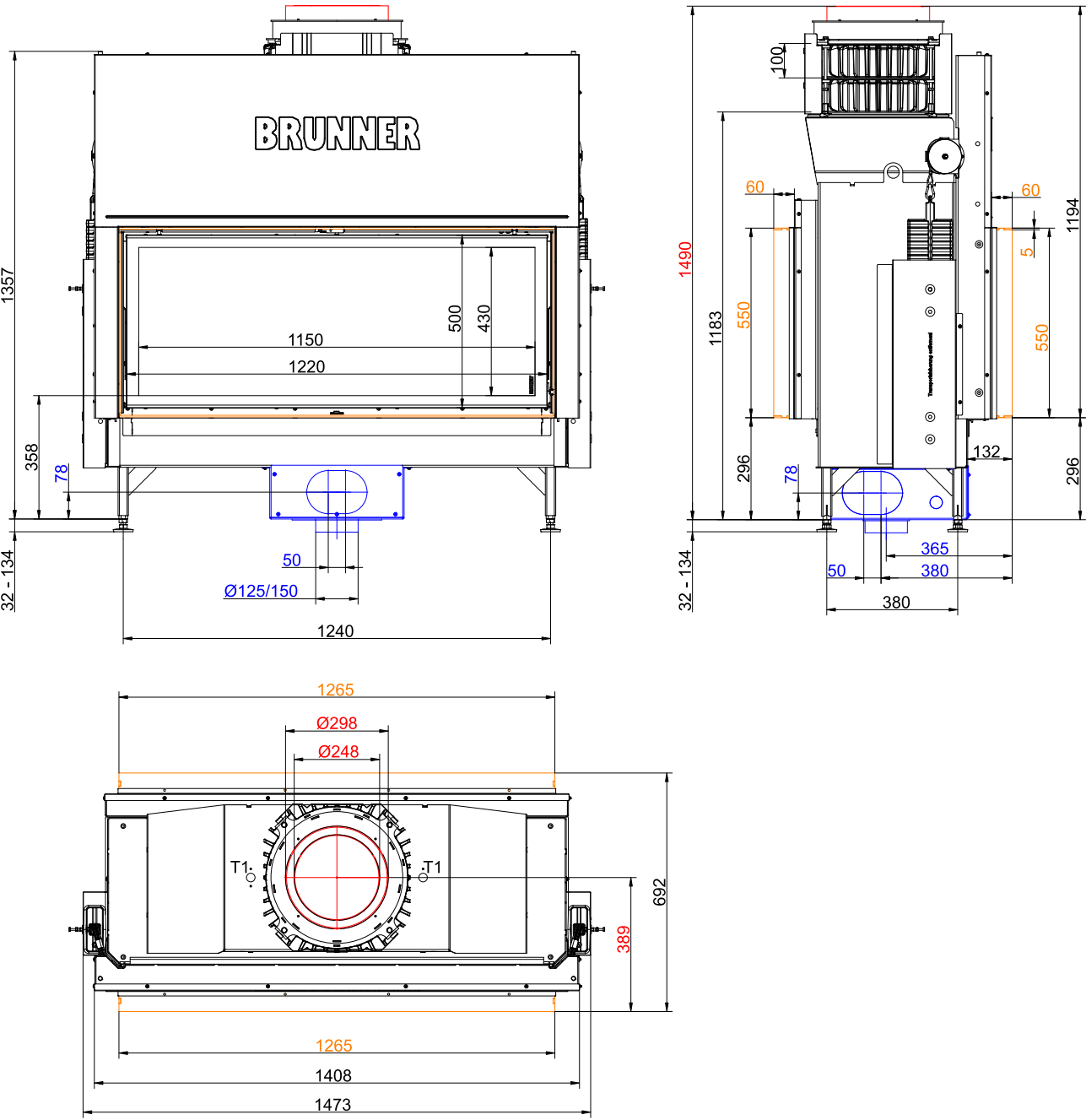
... with mounting frame

Dimension sheets - BKH Tunnel 50-122



... with door frame

Dimension sheets - BKH Tunnel 50-122



... with mounting frame and 2x cast iron heat exchanger rings

Technical drawing of the Brunner 125/150 unit, showing top and side views with dimensions.

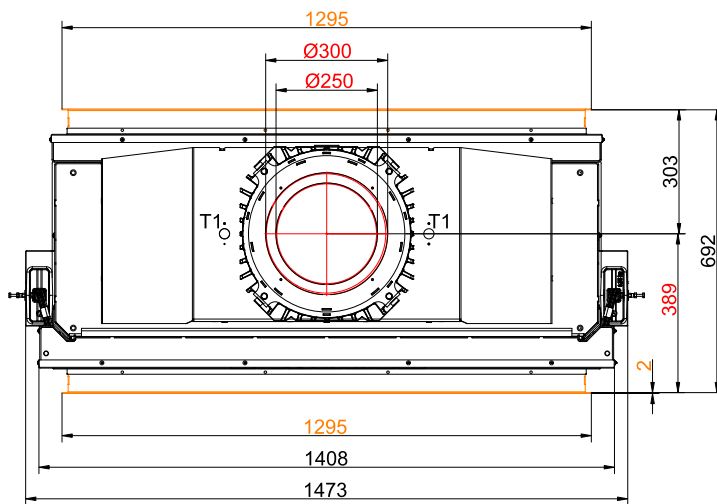
Top View Dimensions:

- Overall width: 1240
- Overall height: 1357
- Internal width (inner frame): 1150
- Internal width (outer frame): 1220
- Internal height (inner frame): 430
- Internal height (outer frame): 500
- Distance from top edge to inner frame: 358
- Distance from top edge to outer frame: 78

Side View Dimensions:

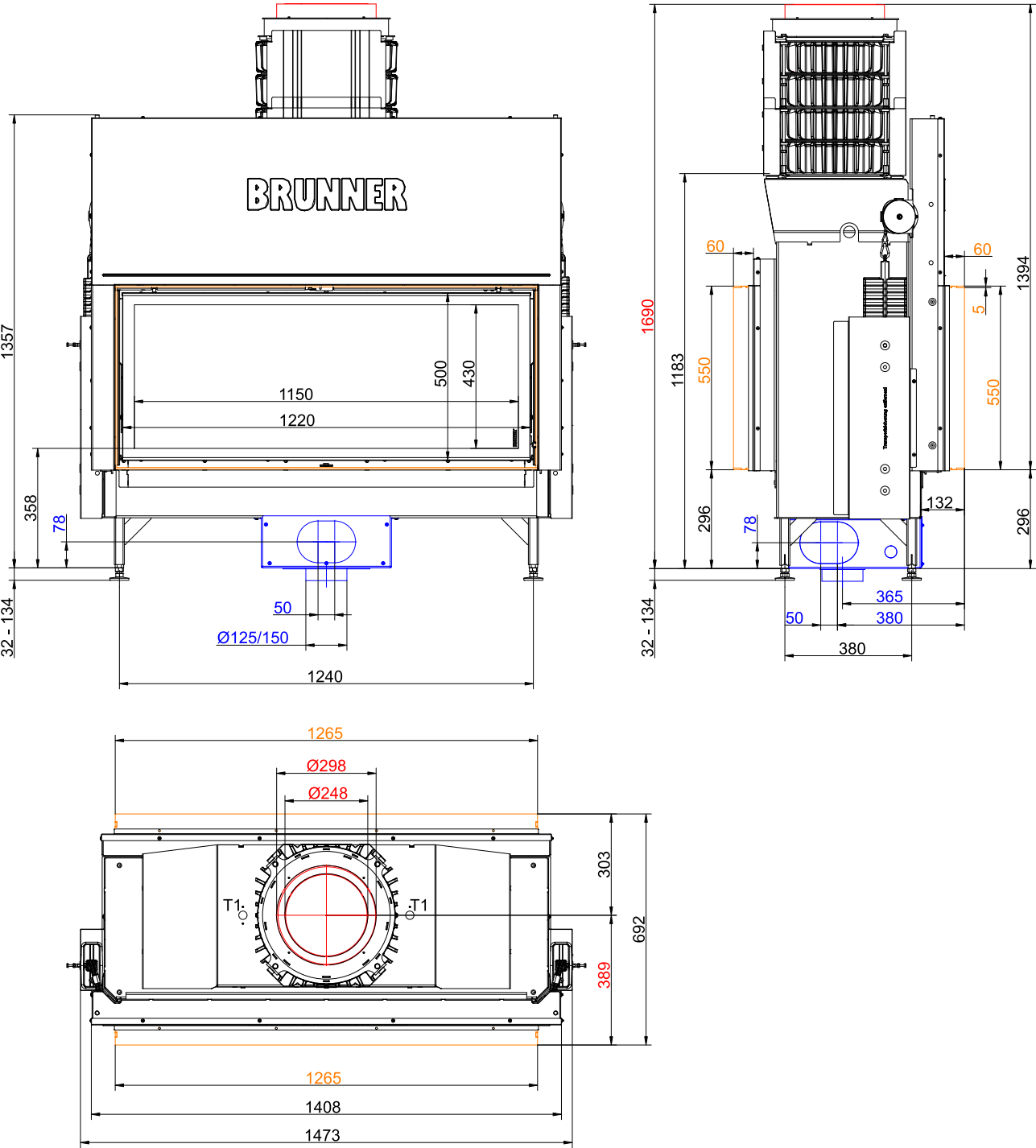
- Overall height: 32 - 134
- Internal width (inner frame): 50
- Internal width (outer frame): Ø125/150

The unit is labeled **BRUNNER** on the top panel.



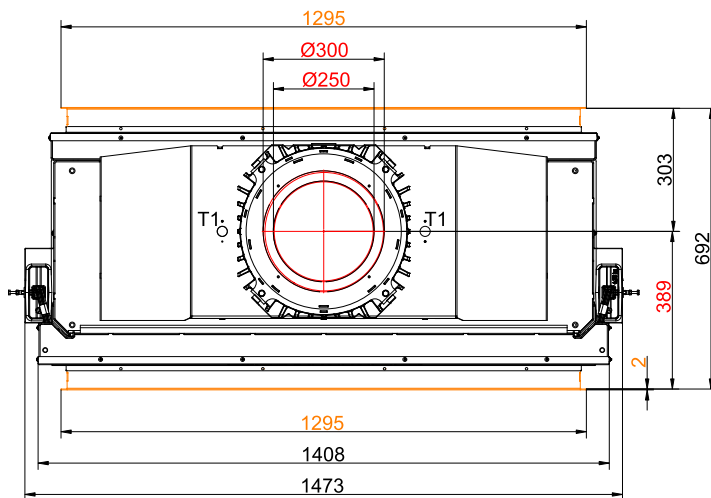
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Dimension sheets - BKH Tunnel 50-122



... with mounting frame and 4x cast iron heat exchanger rings

Technical drawing of the Brunner 1200x500x134 mm refrigerator. The drawing shows a top-down view of the unit with dimensions: overall width 1240 mm, overall height 1357 mm, and overall depth 32-134 mm. The internal compartment dimensions are 1150 mm width and 430 mm depth. The door is 500 mm high and 430 mm deep. The door is shown open, revealing the internal compartment. The door has a handle and a lock. The unit is labeled 'BRUNNER'.



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Planning and installation - BKH Tunnel 50-122

Series status		5.0
Tested according to		EN 16510
Values measured at		Rated power ¹⁾
Data for functional demonstration		
Rated heat power	kW	14.5
Fire wood volume	kg/h	3.9
Combustion performance	kW	17
Flue gas mass flow	g/s	12
Flue gas temperature after:		
Flue outlet nozzle Ø	°C	250
2 x / 4x cast iron heat exchanger rings + dome	°C	190 / 160
Necessary supply pressure	Pa	12
Fuel amount	kg	4.4
Combustion air consumption	m³/h	42
Combustion air connection Ø	mm	150
Heat distribution		
Insert / reheating surface	%	30 / 30
Glass ceramic / glass ceramic coated (GKB)	%	40 / 30
Cross-section of gratings ²⁾		
Exhaust warm air	cm²	1000
Recirculation air	cm²	1000
Minimal oven surface for closed construction type		
Heat dissipating surface	m²	5.8
Minimal distances of the fireplace		
Heat protection panel for cladding, insulation layer	cm	-
to cladding, insulation layer	cm	5
to the floor (non-combustible)	cm	3
Fire protection with active rear ventilation, intermediate space		
Minimum insulation thickness for construction : insulation material l 5 cm rear active ventilation l wall ³⁾		
for mounting wall (combustible/non-combustible)	cm	5
Minimum insulation thickness for construction: insulation material l 30 cm closed gap l ceiling ⁴⁾		
for ceiling (combustible)	cm	10
Fire protection with adequate insulation material		
Minimum insulation thickness for construction: insulation material l mounting wall, ceiling, floor ⁴⁾		
with heat protection panel, mounting wall (non-combustible) ⁵⁾	cm	6
with heat protection panel, mounting wall (combustible) ⁵⁾	cm	12
Mounting wall (non-combustible)	cm	8
Mounting wall (combustible)	cm	18
Ceiling (non-combustible)	cm	8
Ceiling (combustible)	cm	22
Floor (non-combustible)	cm	0
Minimum distances in the radiation area, glass ceramic / glass ceramic coated (GKB)		
Distance to the glass pane, frontal radiation protection area (d _F)	cm	120 / 80
Lateral range of the radiation protection area (D)	cm	50 / 35
Radiation protection area floor (d _F)	cm	50 / 35

Planning and installation - BKH Tunnel 50-122

Radiation protection area side wall (d _L)	cm	50 / 35
Weight		
Fireplace insert + combustion chamber inner lining chamotte/cast iron	kg	334 + 77 / 84
Meets requirement/limit values for:		
EU / Germany	Ecodesign / 1. BImSchV (Stufe 2)	

- 1) Indications to "Rated power" determined with 4 heat exchanger rings made of cast iron and Ø200 dome.
- 2) Air cross-sections if the specified nominal heat output is desired as the heat output.
- 3) Fire safety: Values determined with air cross-sections recorded for testing purposes; active rear ventilation, stove shell is heat emitting.
Insulation thickness 5 cm calcium silicate board (brands: Promasil, Silka, Skamol) and 5 cm active rear ventilation with diagonally positioned air circulation and supply air openings of 75 cm² (5x15 cm) each. For detailed design, see assembly instructions.
- 4) Fire safety: values determined in safety test with air cross-sections recorded for testing purposes; stove shell is heat emitting.
Information on replacement insulation material with calcium silicate boards (brands: Promasil, Silka, Skamol).
The specifications for non-combustible walls/ceilings and the structure with a closed gap (30 cm) correspond to the specifications of TROL (Germany), see assembly instructions, planning handbook.
- 5) Heat protection panel: accessory for BKH flat/tunnel/corner versions; factory-fitted for BKH panoramic fireplaces.