

BRUNNER FIREPLACES

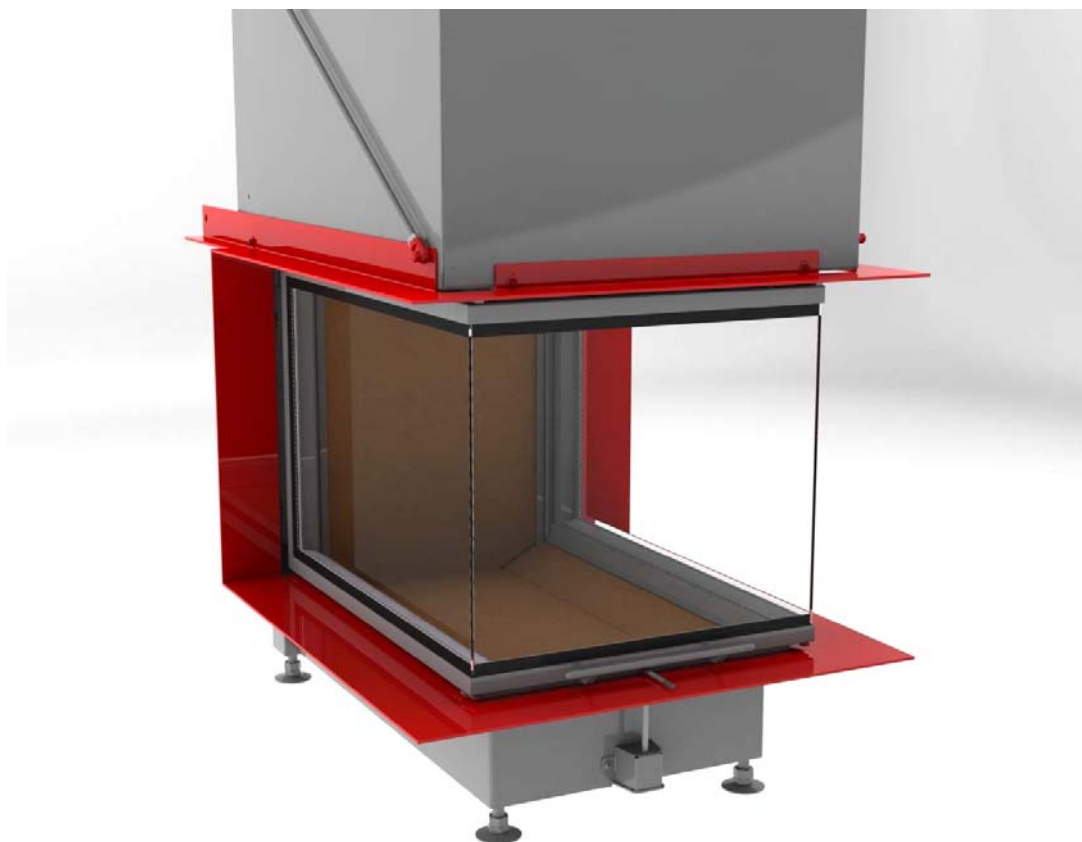
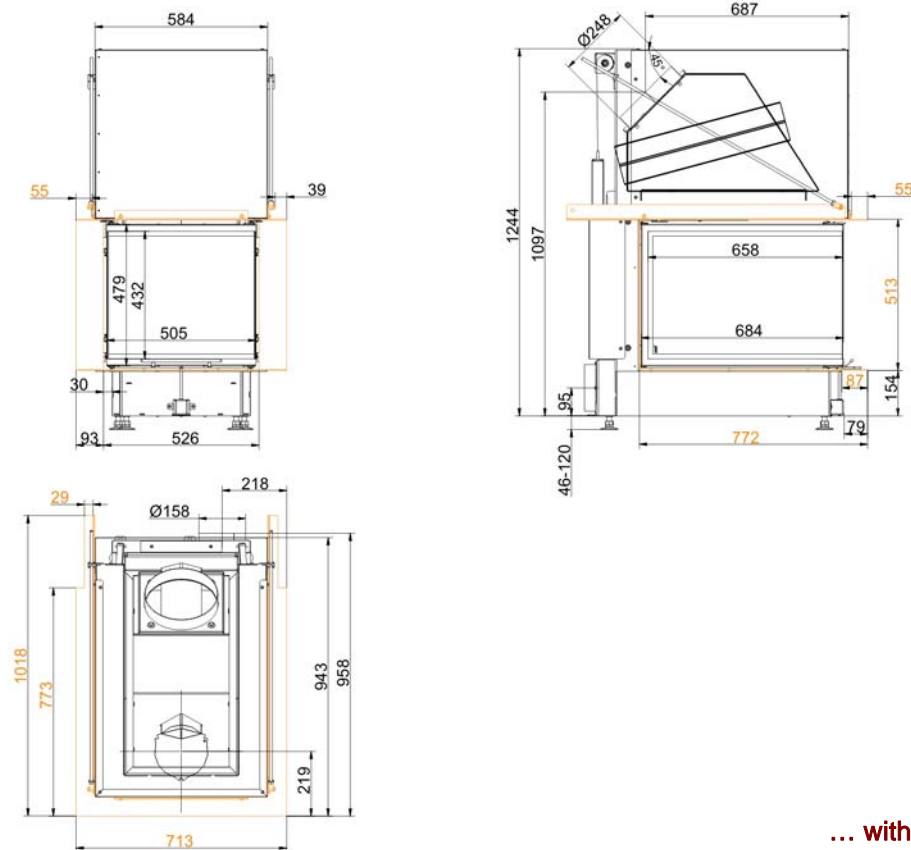


## Panorama-Kamin 51/66/50/66 lifting doors (easy-lift)

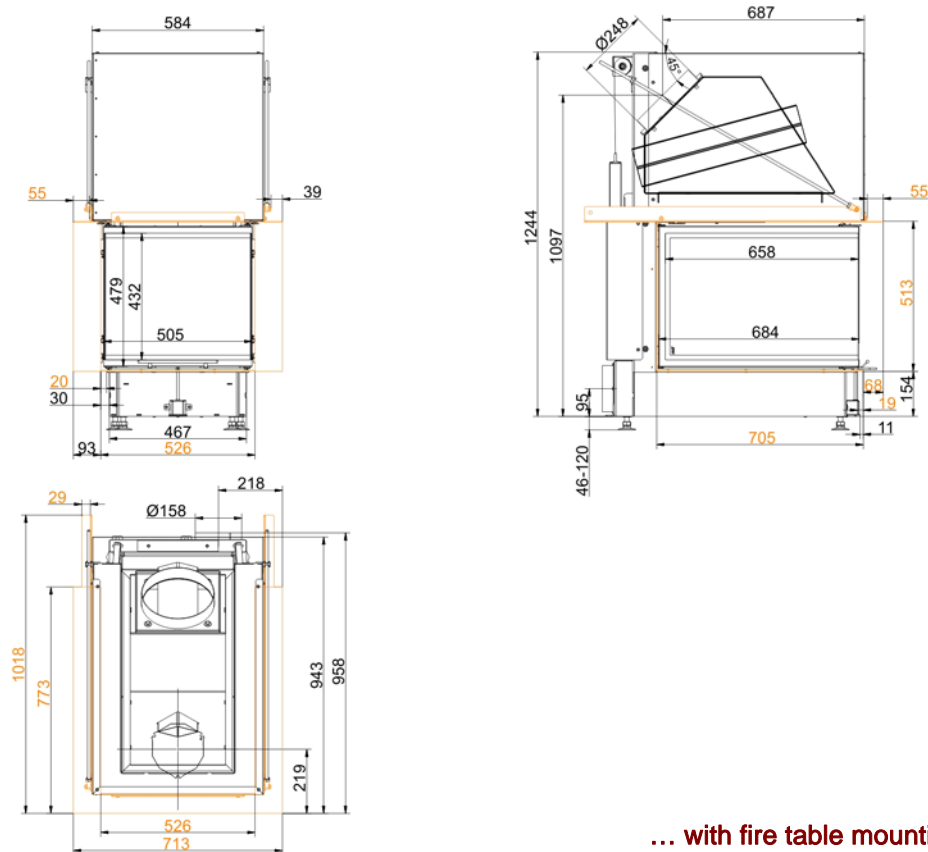
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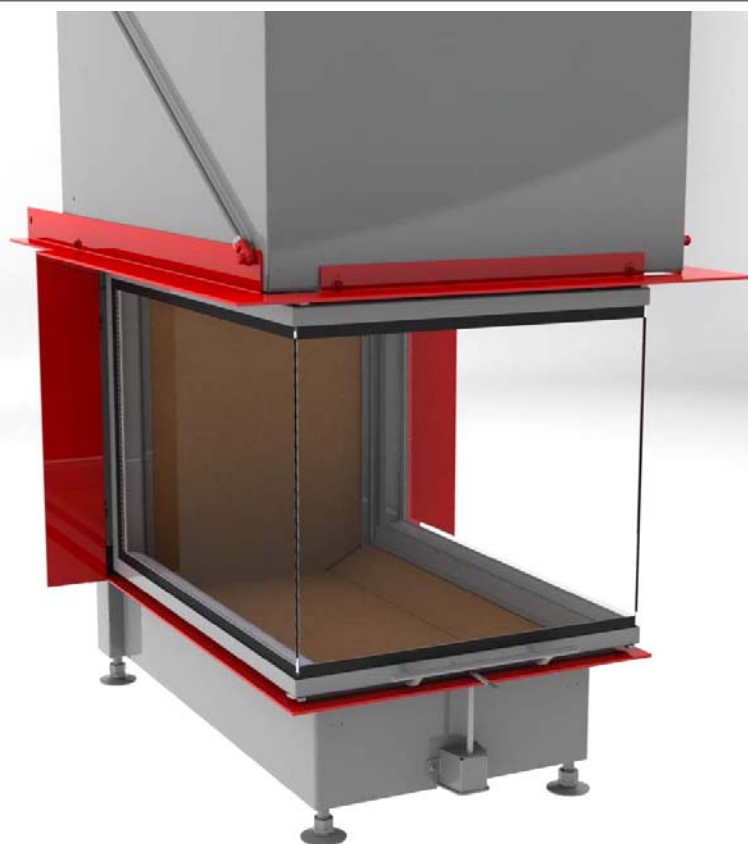
**BRUNNER®**  
*made in germany*



Dimension sheet | **Panorama-Kamin 51/66/50/66 lifting doors (easy-lift)**



... with fire table mounting frame



# Planning and installation

## Panorama-Kamin 51/66/50/66

Tested according to

EN 13229 W

Values measured at

nominal load

Suitable for all construction types according to rules

OK

### Data for functional demonstration

Rated heat power	kW	14,5
Firewood consumption	kg/h	4,1
Combustion performance	kW	17
Flue gas mass flow	g/s	12
Outlet temperature (before heating surface)	°C	-
Flue gas temperature after		
attached steel smoke hood	°C	220
adjoining cast iron radiator (GNF10)	°C	-
accumulation rings (MAS) <sup>1)</sup>	°C	-
adjoining ceramic accumulator <sup>2)</sup>	°C	-
accumulation stones (MSS)	°C	-
water boiler	°C	-
Necessary supply pressure	Pa	12
Combustion air consumption	m³/h	40
Combustion air connection Ø	mm	160

### Heat distribution

Insert / heating surface	%	50 / -
Glass (single / double)	%	50 / -
Boiler	%	-

### Cross-section of gratings for max. warm air power

Supply air	cm²	900
Warm air	cm²	900

### Minimal oven surface for closed construction type

Surface giving off heat	m²	4,0
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### Space inside oven chamber

Distance to oven chamber wall	cm	8
Distance to floor	cm	-

### Heat insulation without / with <sup>3)</sup> air gratings

Wall	cm	14 / 10
Floor	cm	2 / 2
Ceiling	cm	22 / 16
Insulation of additional fire door DHT	cm	-
Brick lining of protected walls	cm	10

### Weight

Fireplace + burning chamber	kg	264 + 39
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### meets requirement limit values for

Germany / Austria / Switzerland / Norway

1.BImSchV (Stufe 2) / 15a BVG / LRV / NS 3059

1) Throttle flap recommended

2) Approximate value, must be calculated eventually

3) Values with air gratings, stove casing is heat conducting

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