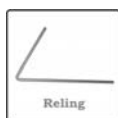




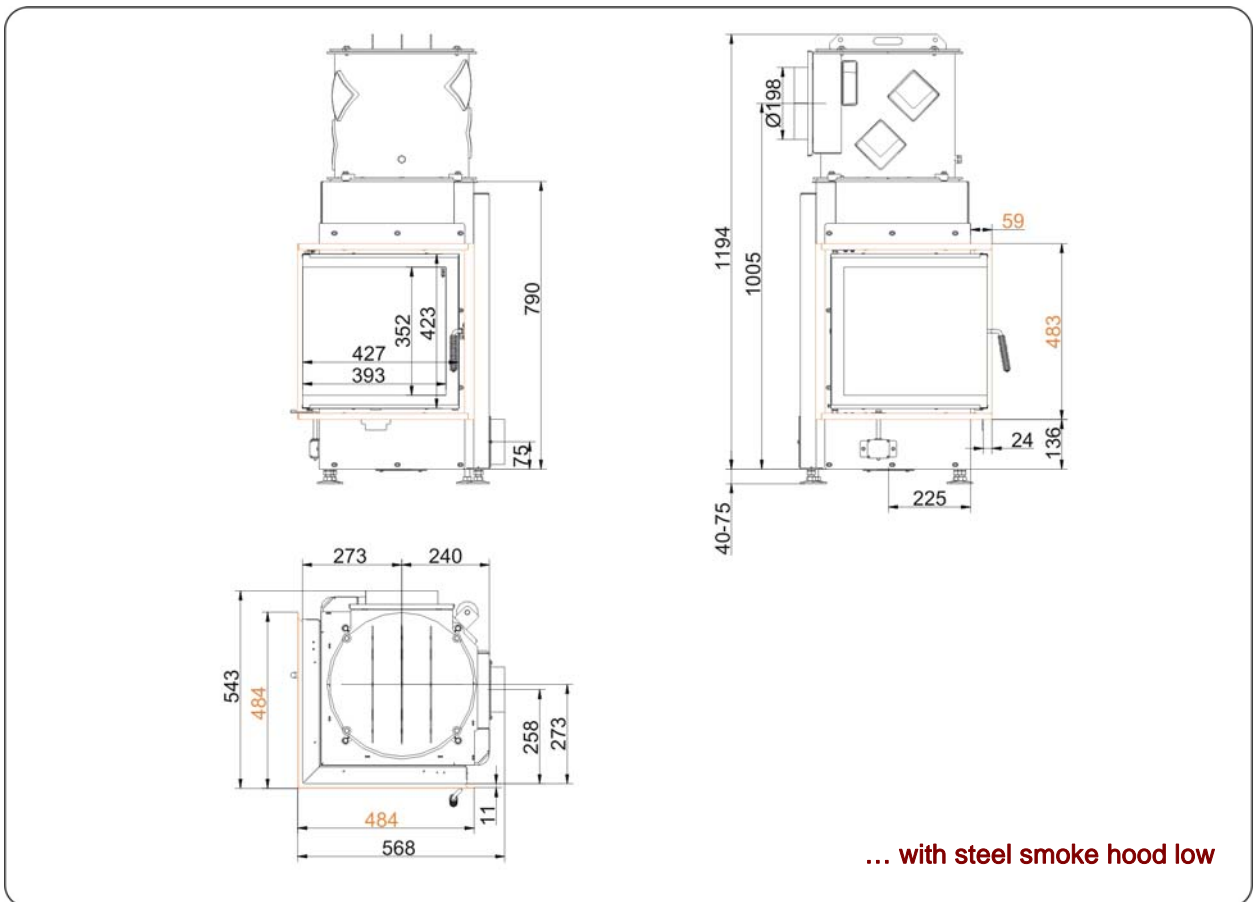
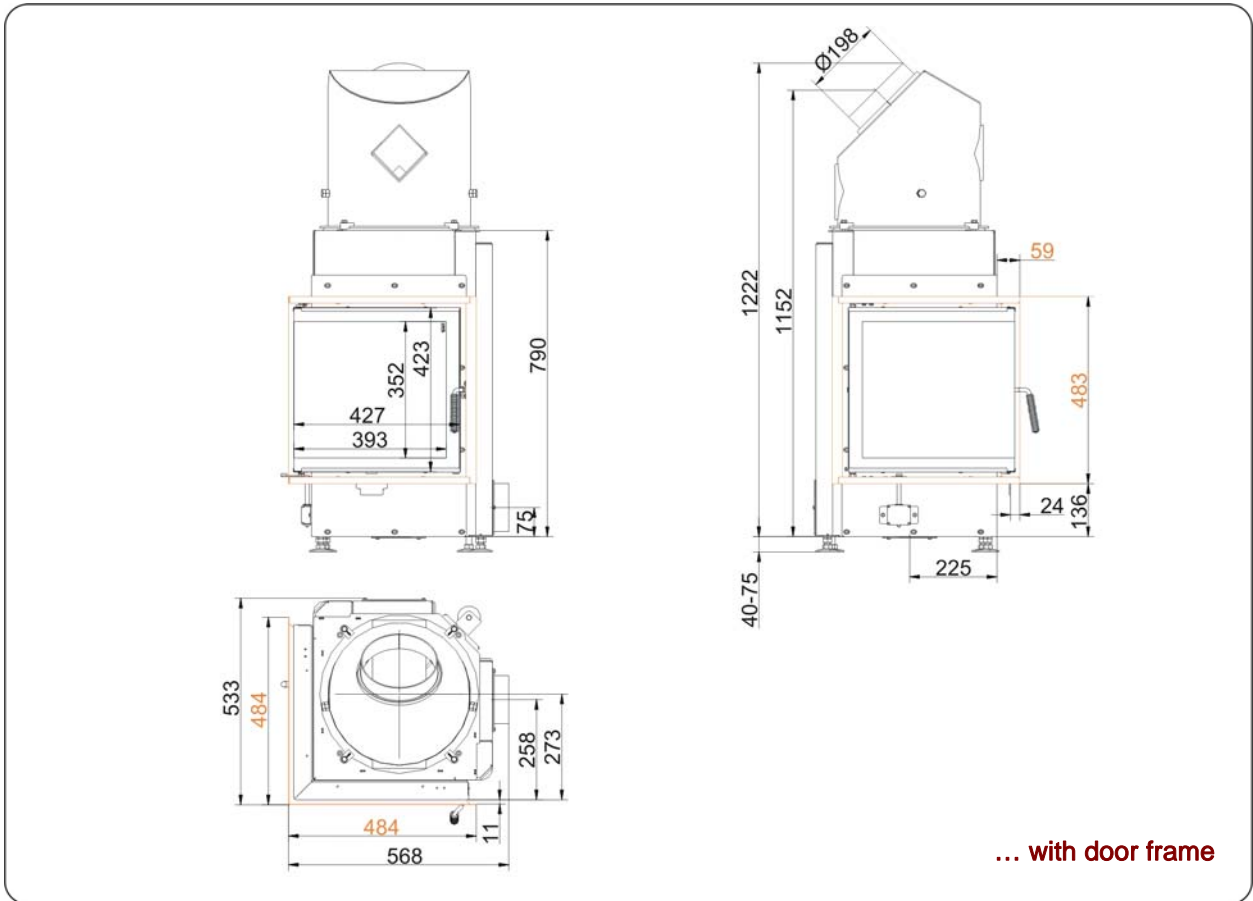
Eck-Kamin 42/42/42 side opening doors

State: 27.01.2014



BRUNNER[®]
made in germany

Dimension sheet | **Eck-Kamin 42/42/42 side opening doors**



Planning and installation

Eck-Kamin 42/42/42

Tested according to	EN 13229 W	EN 13229 WA
Values measured at	nominal load	accumulation
Suitable for all construction types according to rules	OK	OK

Data for functional demonstration

Rated heat power	kW	8	-
Firewood consumption	kg/h	3	5
Combustion performance	kW	10	22
Flue gas mass flow	g/s	9,5	21
Outlet temperature (before heating surface)	°C	-	340
Flue gas temperature after			
attached steel smoke hood	°C	193	246
adjoining cast iron radiator (GNF10)	°C	-	-
6 x accumulation rings (MAS) ¹⁾	°C	-	210
adjoining ceramic accumulator ²⁾	°C	-	-
accumulation stones (MSS)	°C	-	-
water boiler	°C	-	-
Necessary supply pressure	Pa	12	15
Combustion air consumption	m ³ /h	30	50
Combustion air connection Ø	mm	125	125

Heat distribution

Insert / heating surface	%	25 / 30	25 / 30
Glass (single / double)	%	45 / -	45 / -
Boiler	%	-	-

Cross-section of gratings for max. warm air power

Supply air	cm ²	900	900
Warm air	cm ²	900	900

Minimal oven surface for closed construction type

Surface giving off heat	m ²	4,0	4,0
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Space inside oven chamber

Distance to oven chamber wall	cm	8	8
Distance to floor	cm	15	15

Heat insulation without / with ³⁾ air gratings

Wall	cm	14 / 10	14 / 10
Floor	cm	2 / 2	2 / 2
Ceiling	cm	16 / 12	16 / 12
Insulation of additional fire door DHT	cm	-	-
Brick lining of protected walls	cm	10	10

Weight

Fireplace + burning chamber	kg	138 + 29
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meets requirement limit values for

Germany / Austria / Switzerland / Norway	1.BImSchV (Stufe 2) / 15a BVG / LRV / NS 3059
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- 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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