#### **BRUNNER FIREPLACES**



# Eck-Kamin 42/42/42 side opening doors

State: 27.01.2014

















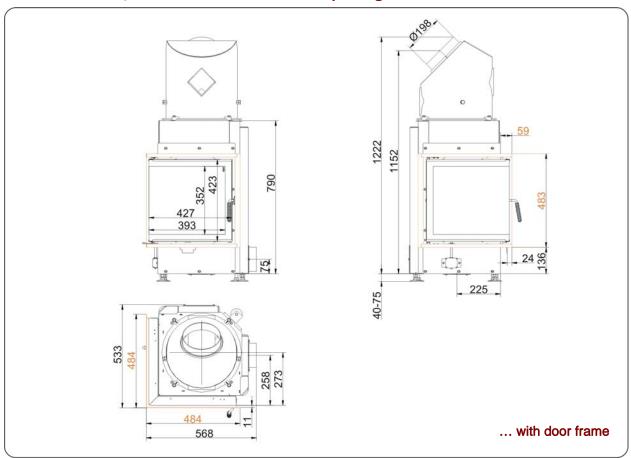


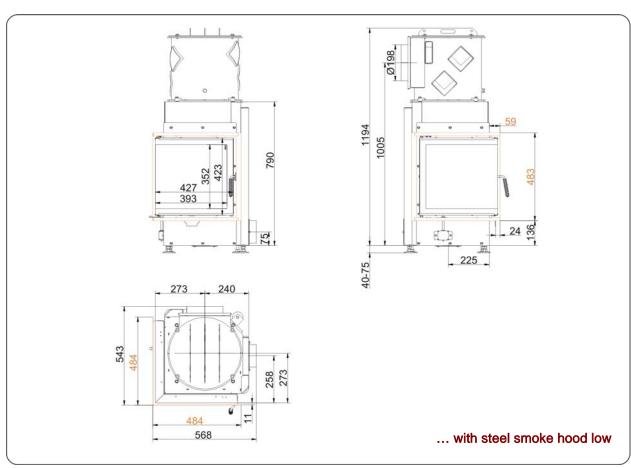






### Dimension sheet | Eck-Kamin 42/42/42 side opening doors





## Planning and installation

#### Eck-Kamin 42/42/42

LUK-Kallilli 72/72/72				
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	m³/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 <sup>2</sup>	900	900	
Warm air	cm <sup>2</sup>	900	900	
Minimal oven surface for closed construction type				
Surface giving off heat	m²	4,0	4,0	
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	
meets requirement limit values for	-			
Germany / Austria / Switzerland / Norway		1.BImSchV (S	tufe 2) / 15a BVG / LRV / I	NS 3059
		<u>-</u>		

- 1) Throttle flap recommended
- 2) Approximate value, must be calculated eventually
- 3) Values with air gratings, stove casing is heat conducting

Ulrich Brunner GmbH Zellhuber Ring 17 -18 D-84307 Eggenfelden Phone: +49 / (0)87 21 / 7 71-0 Fax: +49 / (0)87 21 / 7 71-100 info@brunner.eu | www.brunner.eu

