

BRUNNER TILE STOVES



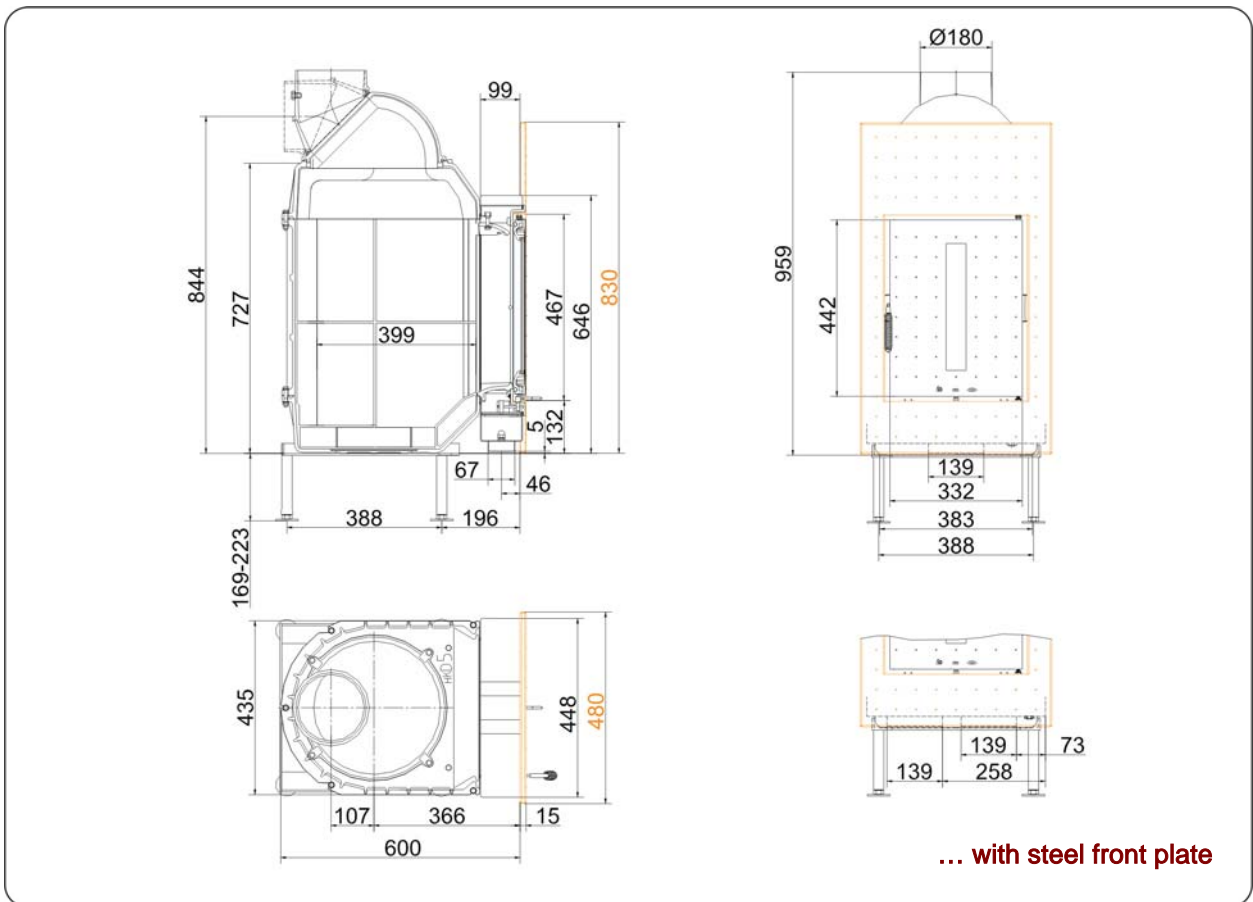
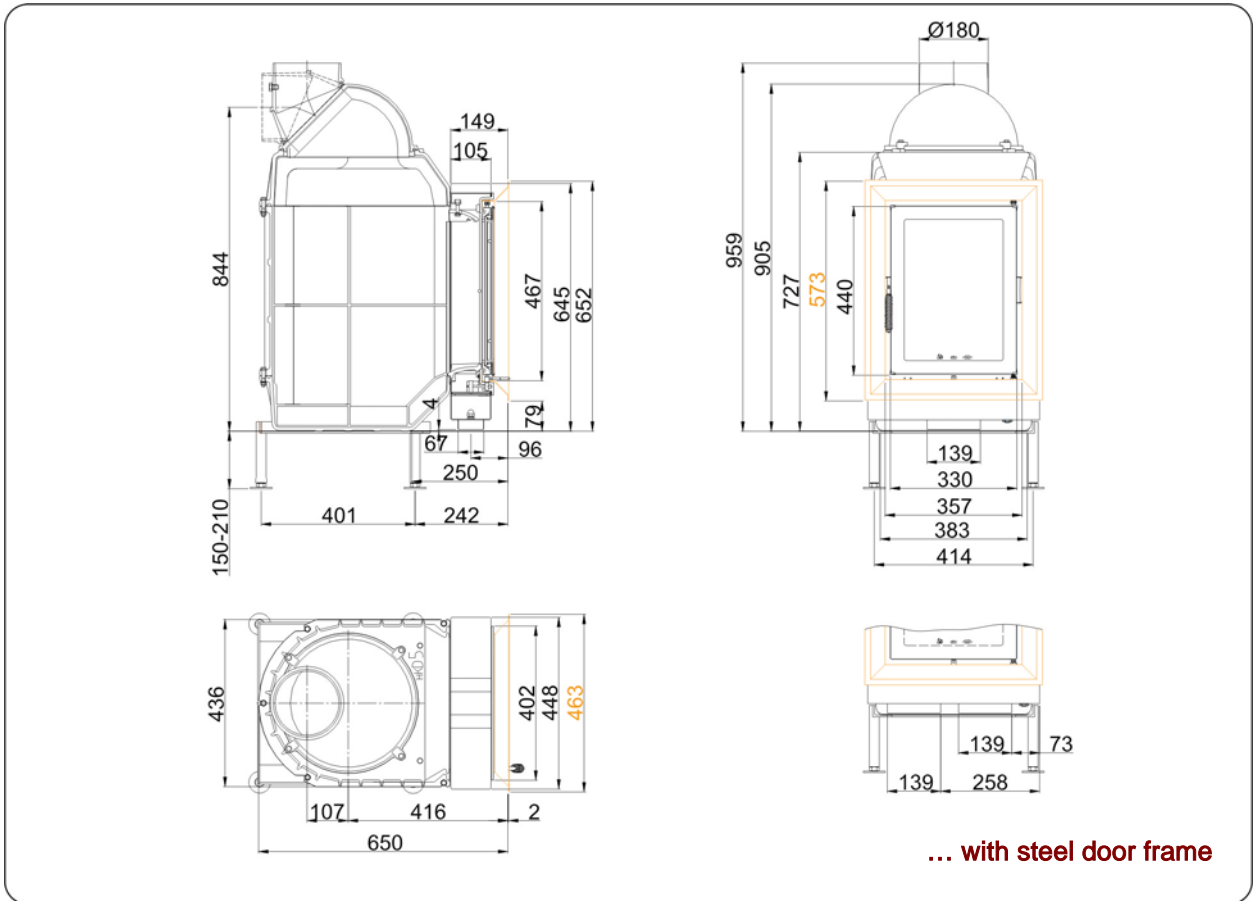
HKD 5.1

State: 30.08.2012

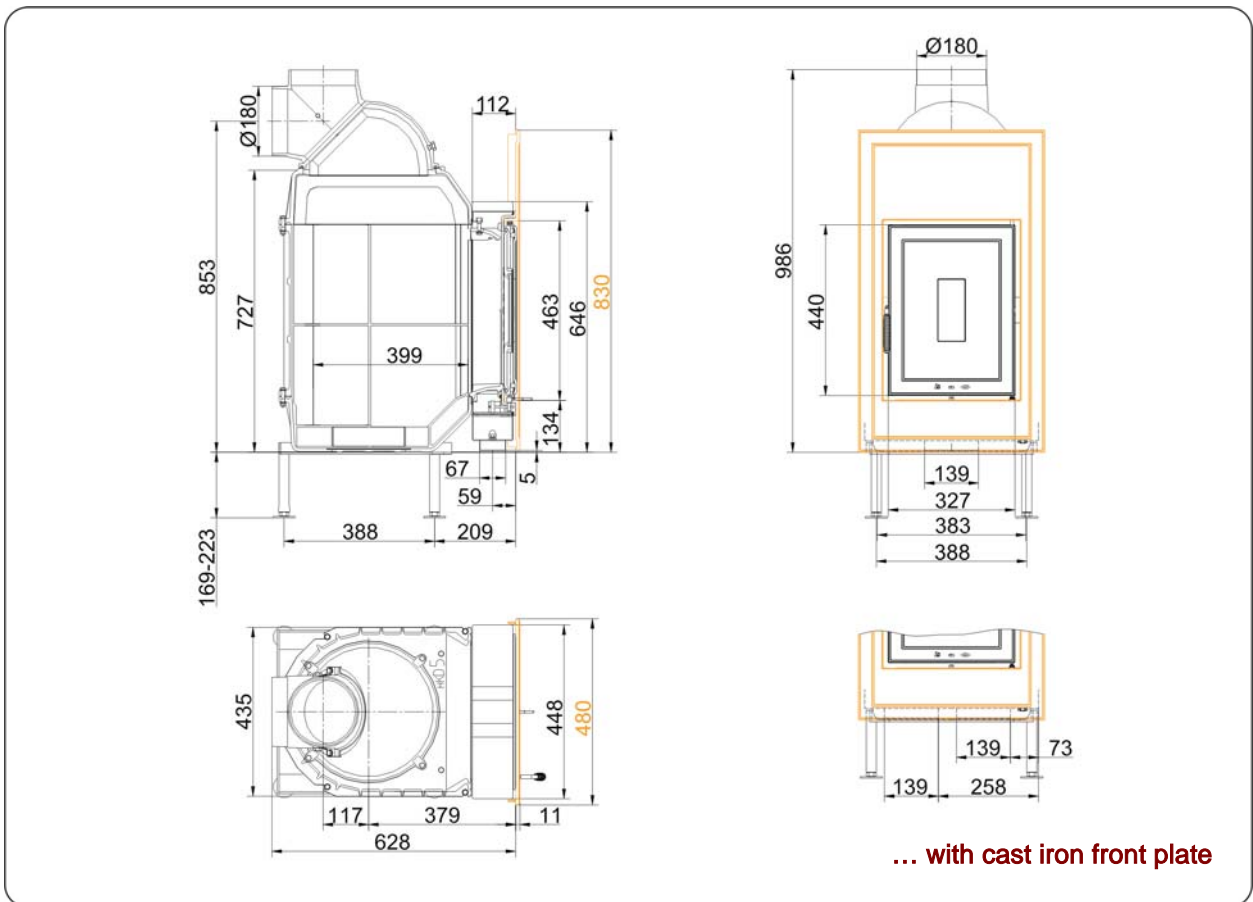
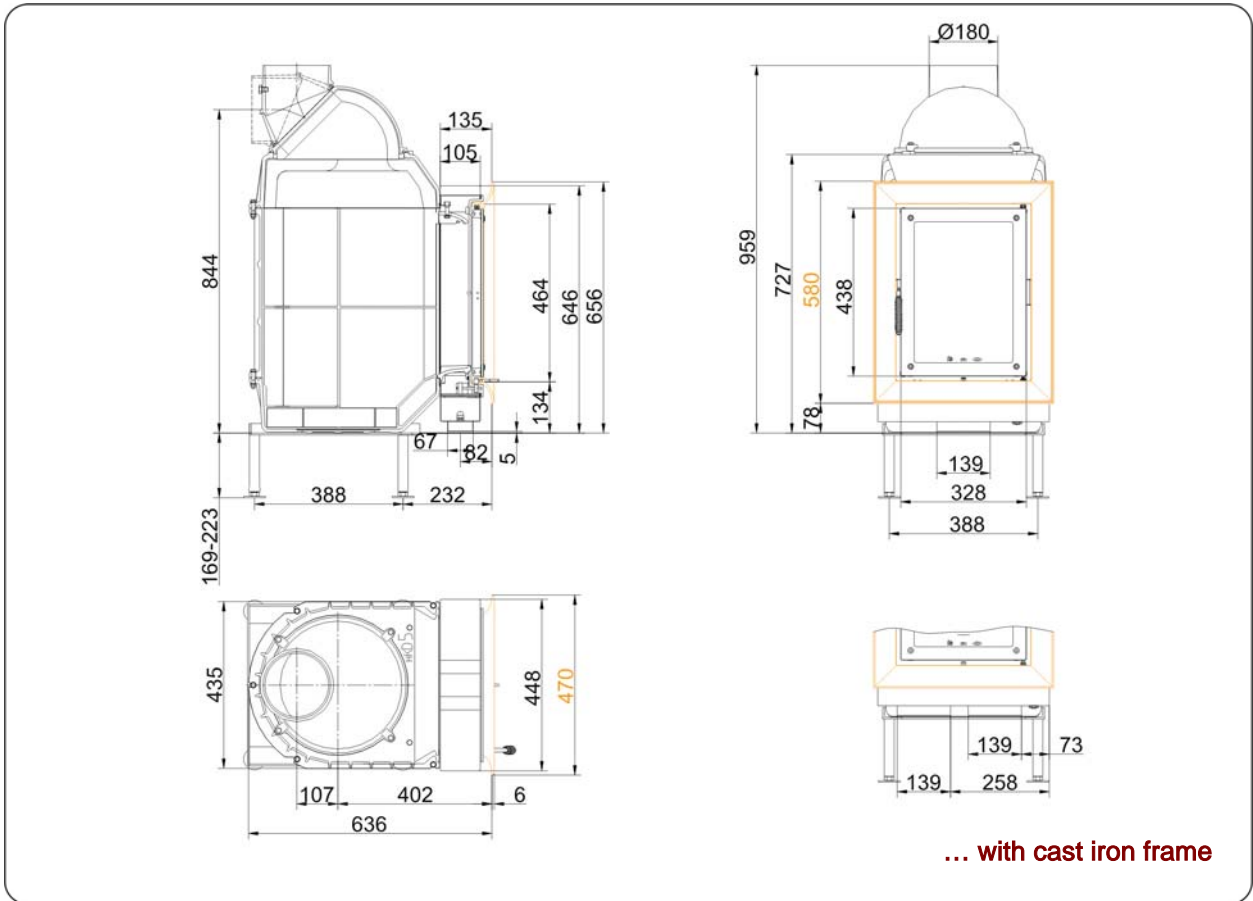


BRUNNER[®]
made in germany

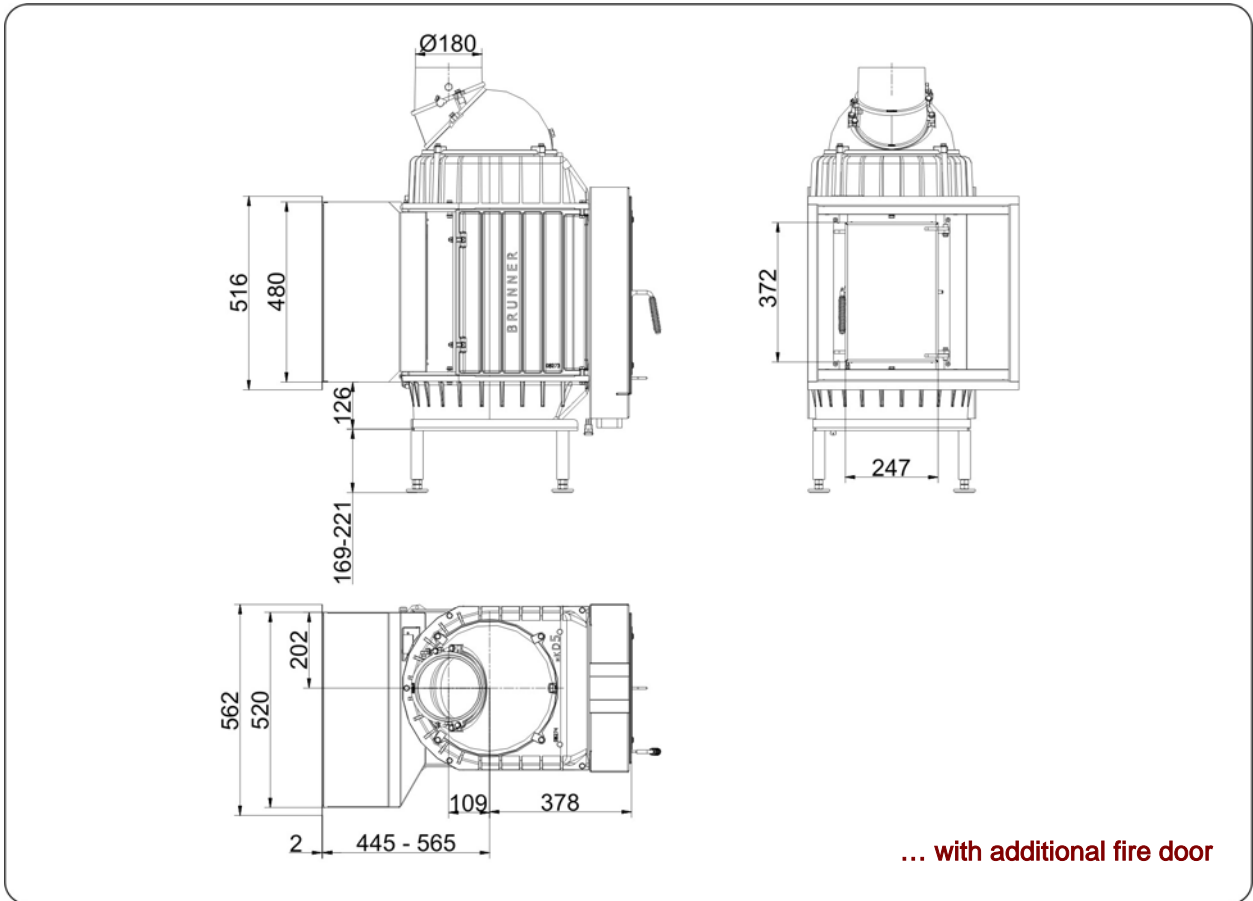
Dimension sheet | **HKD 5.1**



Dimension sheet | **HKD 5.1**



Dimension sheet | **HKD 5.1**



Planning and installation

HKD 5.1

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	10	-
Firewood consumption	kg/h	2,7	6
Combustion performance	kW	12	20
Flue gas mass flow	g/s	12	17
Outlet temperature (before heating surface)	°C	470	580
Flue gas temperature after			
attached steel smoke hood	°C	-	-
1 x adjoining cast iron radiator (GNF10)	°C	160	200
7 x accumulation rings (MAS) ¹⁾	°C	-	210
5 m adjoining ceramic accumulator ²⁾	°C	-	180
4 m ceramic modular accumulator (KMS system)	°C	-	190
water boiler	°C	-	-
Necessary supply pressure	Pa	13	15
Combustion air consumption	m ³ /h	35	60
Combustion air connection Ø	mm	125	125
Heat distribution			
Insert / heating surface	%	45 / 45	45 / 45
Glass (single / double)	%	- / 10	- / 10
Boiler	%	-	-
Cross-section of gratings for max. warm air power			
Supply air	cm ²	1400	1400
Warm air	cm ²	1400	1400
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	18 / 14	18 / 14
Floor	cm	0	0
Ceiling	cm	22 / 17	22 / 17
Insulation of additional fire door DHT	cm	6	6
Brick lining of protected walls	cm	10	10
Weight			
Fireplace + burning chamber	kg	118 + 80	
meets requirement limit values for			
Germany / Austria / Switzerland / Norway		1.BImSchV (Stufe 2) / 15a BVG / LRV / -	

- 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.de | www.brunner.de



BRUNNER products are offered and sold only by qualified dealers and service centres.
 Subject to technical and assortment changes. Errors excepted. (08/12)