TILE STOVE INSERTS FROM BRUNNER



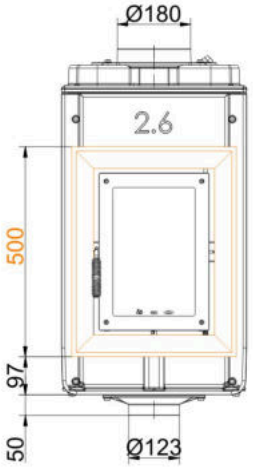
HKD 2.6k

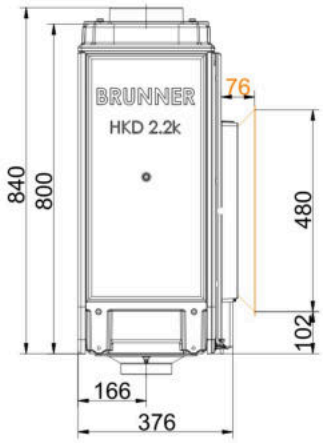
State: 2023-08-29

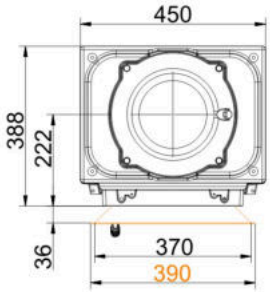


BRUNNER®
made in germany.

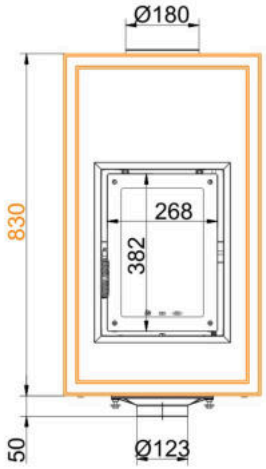
Dimension sheets - HKD 2.6k

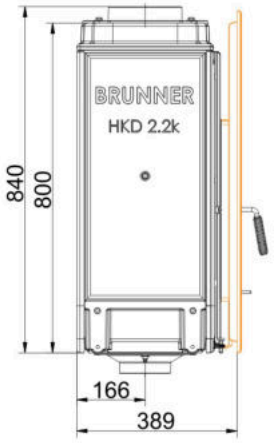


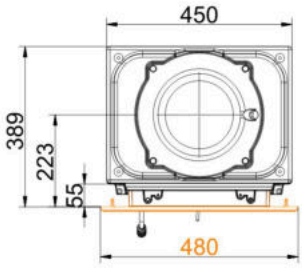




… with steel door frame



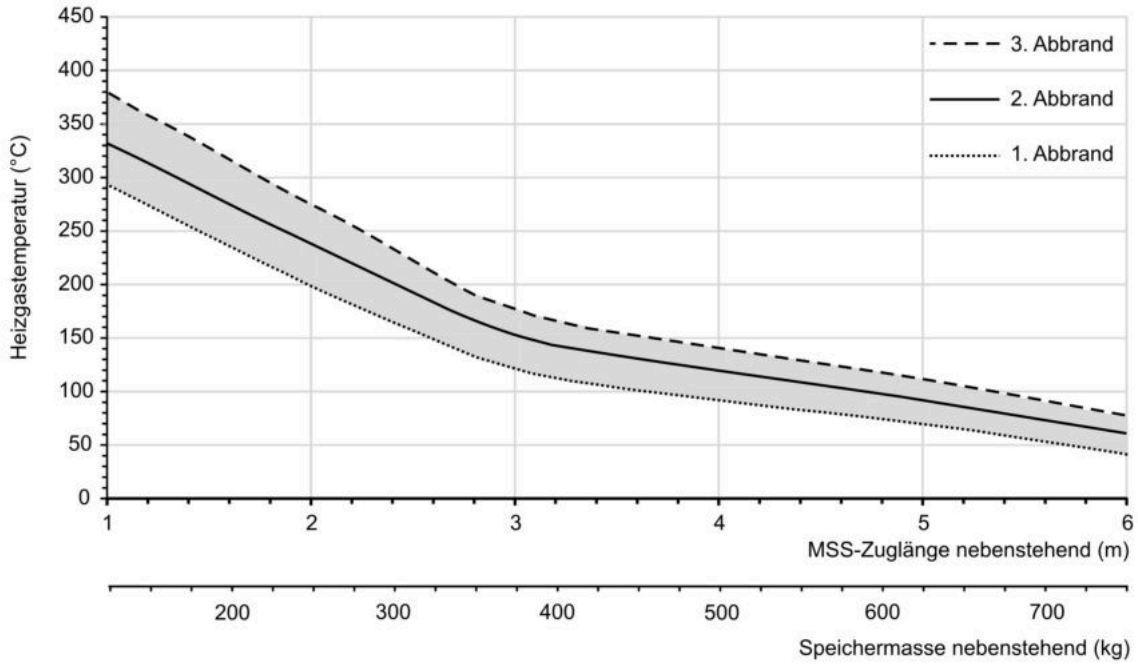




… with cast iron front plate

State: 2023-08-29

Dimension sheets - HKD 2.6k



Design characteristics for adjacent storage mass

We suggest for CAD planning Palette CAD. Permanent updated drawings: www.brunner.de
Frames/ flue gas outlet connection/ combustion air supply connection/ front variants/ support bearing are marked in color.

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Planning and installation - HKD 2.6k

Tested according to		EN 13229 W	EN 13229 WA
Values measured at		Rated power [1]	Storage operation [2]
Suitable for all construction types according to rules		OK	OK
Data for functional demonstration			
Rated heat power	kW	7	-
Fire wood volume	kg/h	2.5	4
Combustion performance	kW	8	17
Flue gas mass flow	g/s	7.5	17
Outlet temperature (before reheating surface)	°C	530	540
Flue gas temperature after:			
1 x adjoining cast iron radiator (GNF 8/10)	°C	165	185
6 x accumulation rings (MAS) [3]	°C	220	-
3,3 m ceramic accumulator [4]	°C	-	180
2,2 m accumulation stones (MSS) [4]	°C	-	215
Necessary supply pressure	Pa	12	15
Combustion air consumption	m³/h	25	45
Combustion air connection Ø	mm	125	125
Heating gas temperature (before the hood/dome variant)			
cast iron dome	°C	530	540
Heat distribution			
Insert / reheating surface	%	45 / 40 - 45	45 / 40 - 45
Glass pane (single / double)	%	15 / 10	15 / 10
Cross-section of gratings [5]			
Convection air	cm²	500 / 250 / 550	500 / 250 / 550
Supply air	cm²	500 / 250 / 550	500 / 250 / 550
Minimal distances of the fireplace			
to cladding, insulation layer	cm	6	6
to mounting floor	cm	15	15
Thermal insulation without / with air gratings [6]			
Mounting wall	cm	14 / 10	14 / 10
Floor	cm	0	0
Ceiling	cm	22 / 16	22 / 16
Brick lining for combustible wall	cm	10	10
Weight			
Fireplace / combustion chamber	kg	205 / 51	
Meets requirement/limit values for:			
Germany/ Austria / Switzerland / Norway		1.BImSchV (Stufe 2) / 15a BVG (2015) / LRV / -	

1) Indications to "Rated power" determined with metallic reheating surface
2) Indications to "Storage operation" for the manual execution of the reheating surface (guide values).
3) Damper flap recommended
4) Approximate value. Determination according to design characteristics for adjacent storage mass or proof of function provided by calculation
5) for fireplace inserts / flue gas pipe / metallic reheating surface
6) Values determined with upper air cross- sections; stove cladding is heat emitting

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