FIREPLACE INSERTS FROM BRUNNER



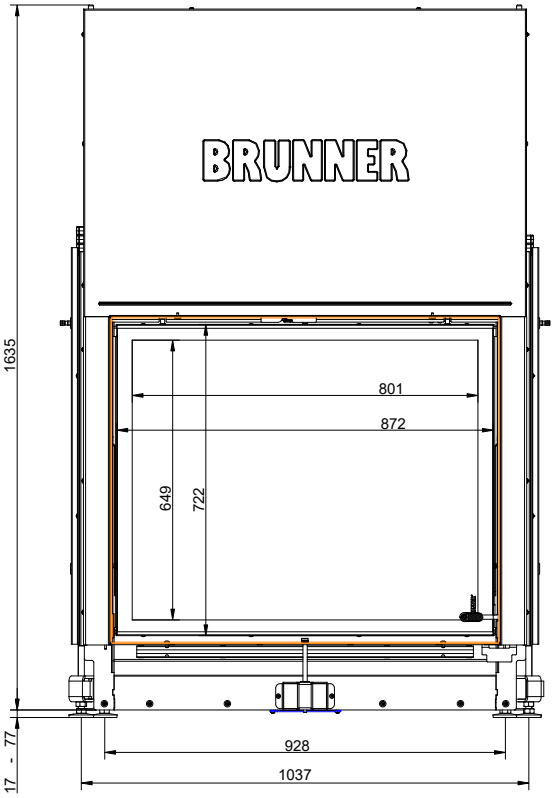
Stil-Kamin 75-90 +

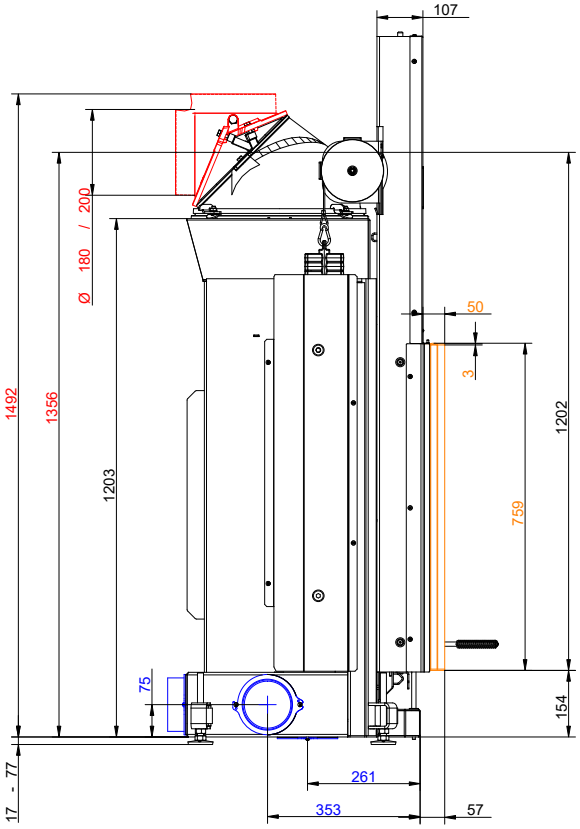
State: 2024-10-31

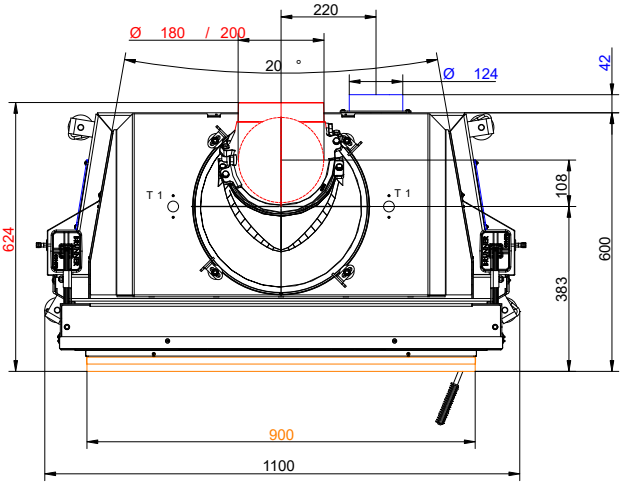


BRUNNER®

Dimension sheets - Stil-Kamin 75-90 +



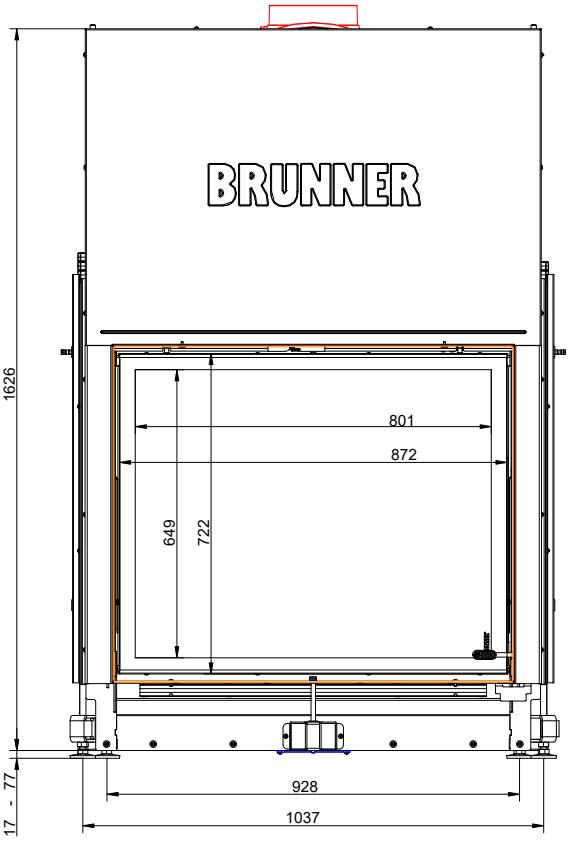


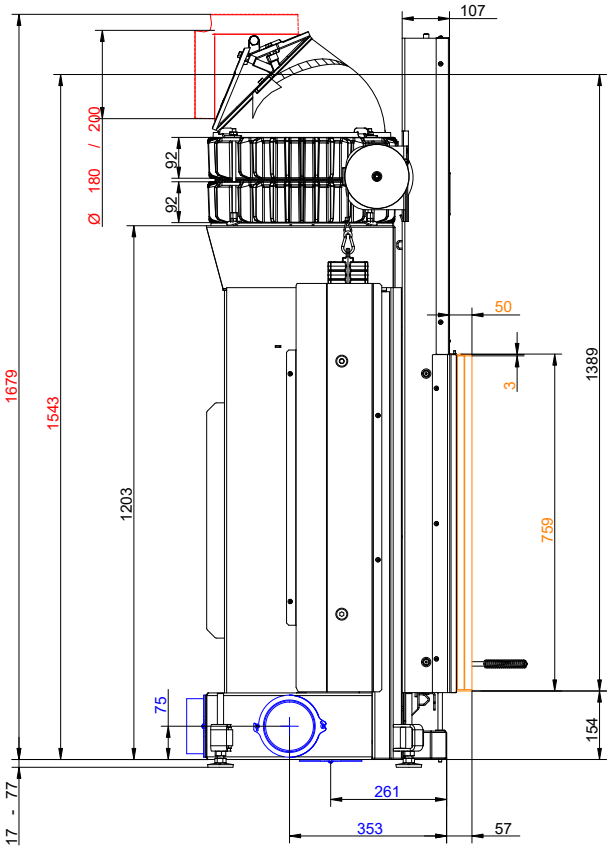


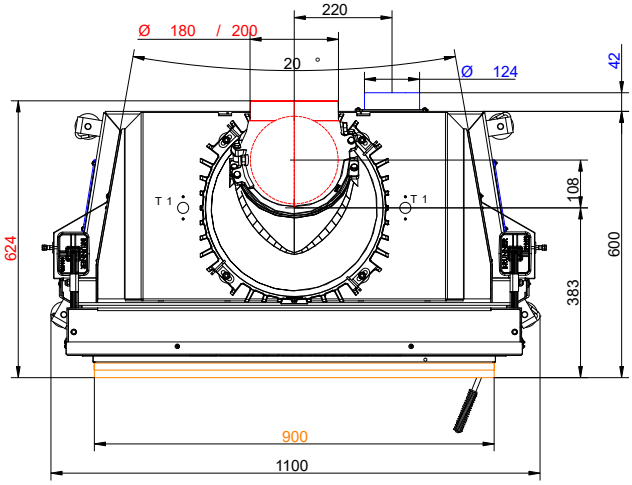
… with mounting frame 50 mm and Cast iron dome

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Dimension sheets - Stil-Kamin 75-90 +



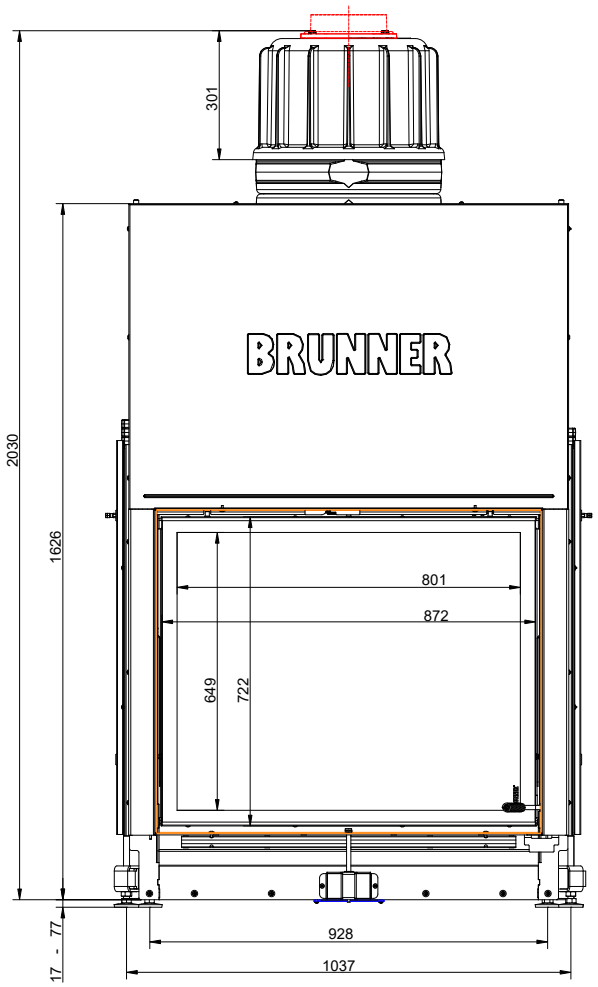


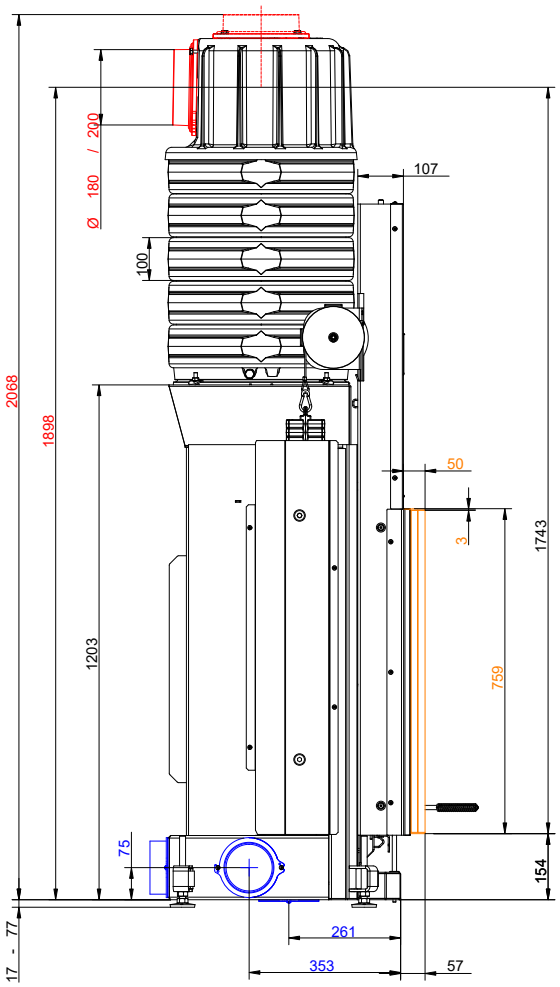


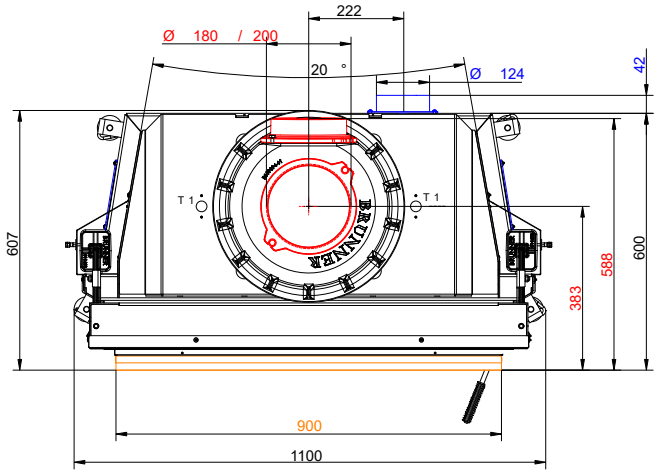
… with mounting frame 50 mm and cast iron heat exchanger rings + dome

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Dimension sheets - Stil-Kamin 75-90 +



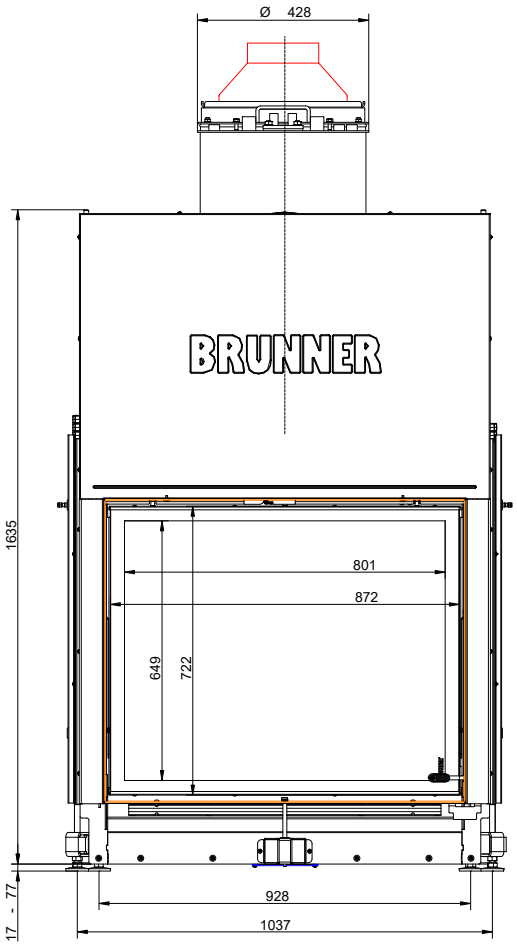


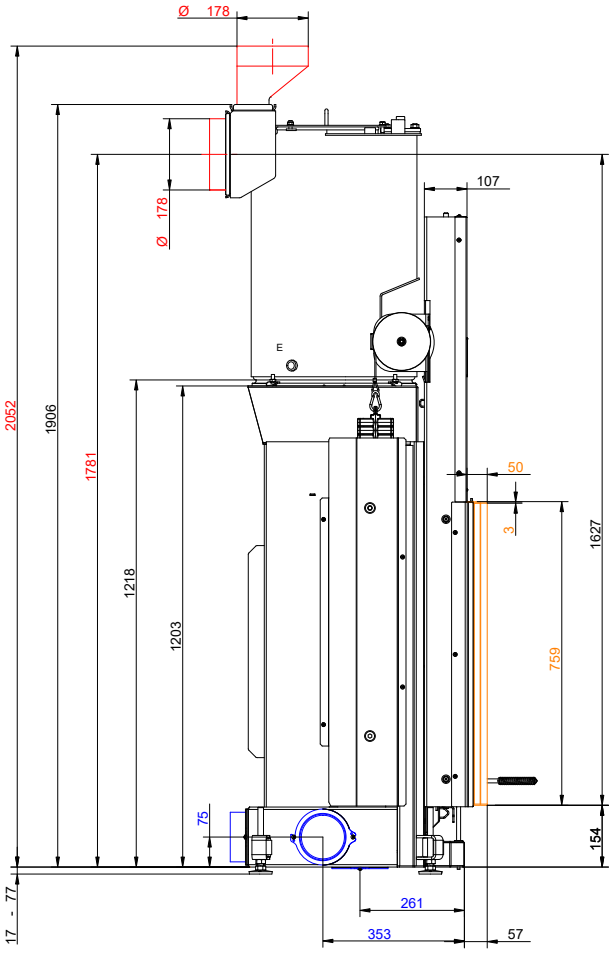


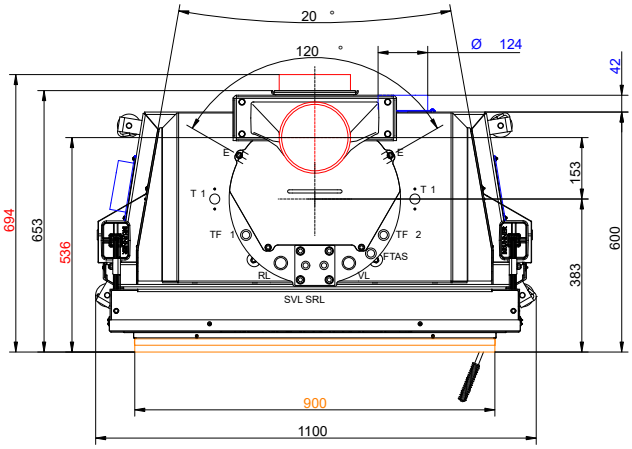
… with mounting frame 50 mm and MAS

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Dimension sheets - Stil-Kamin 75-90 +





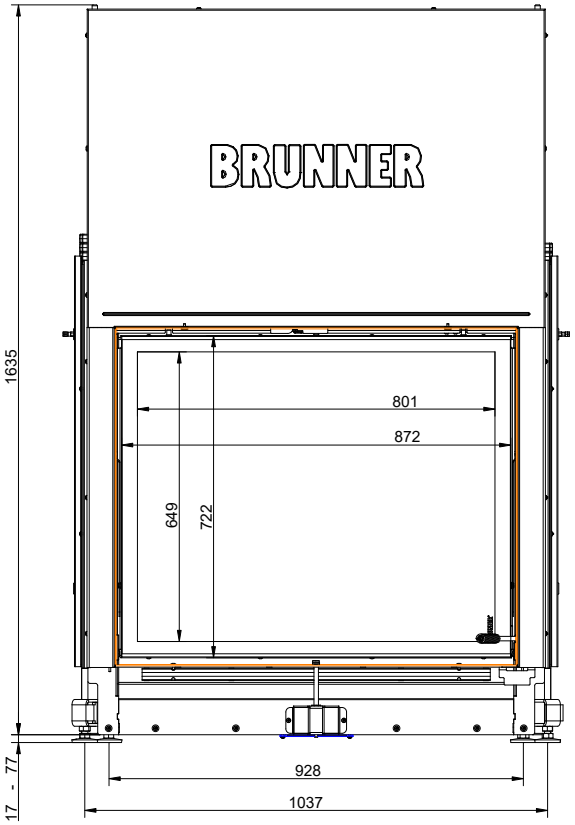


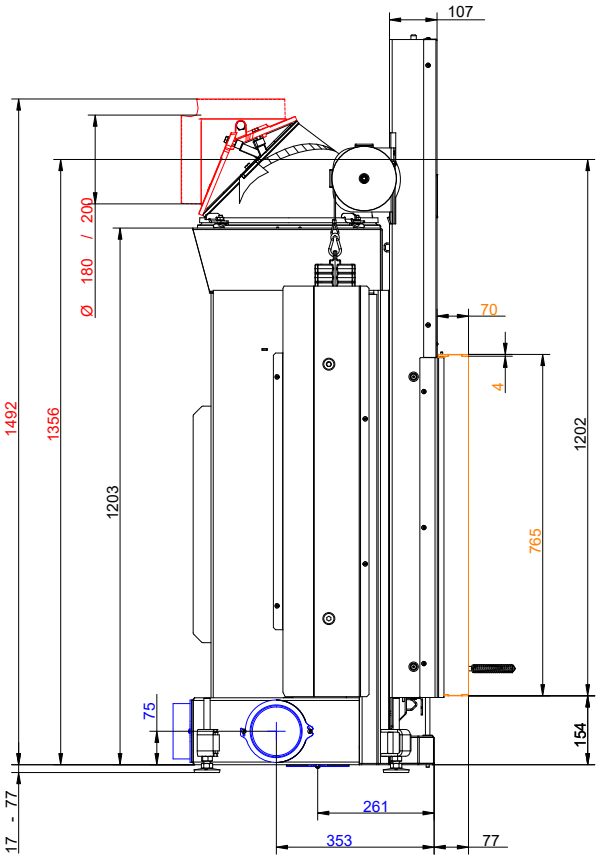
VL	supply 1"ext. th.
RL	return boiler 1"ext.th.
E	drain 1/2"int. th.
SVL	supply cooling pipe outlet ext.th.
SRL	return cooling pipe outlet 1/2"ext.th.
TF	socket 1/2" for sensor int.th.

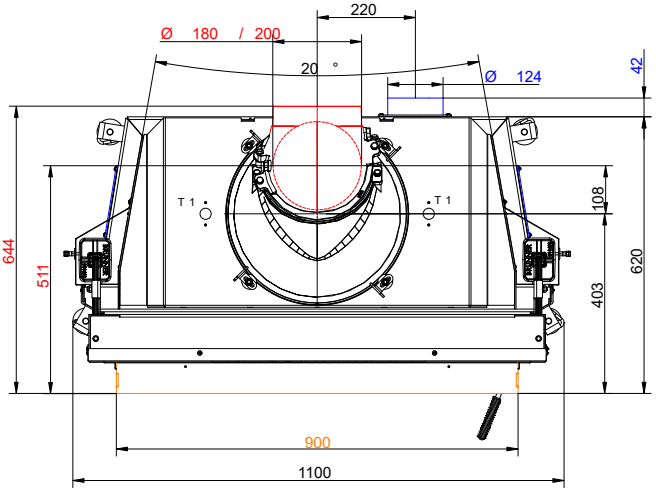
… with mounting frame 50 mm and Boiler module

State: 2024-10-31

Dimension sheets - Stil-Kamin 75-90 +



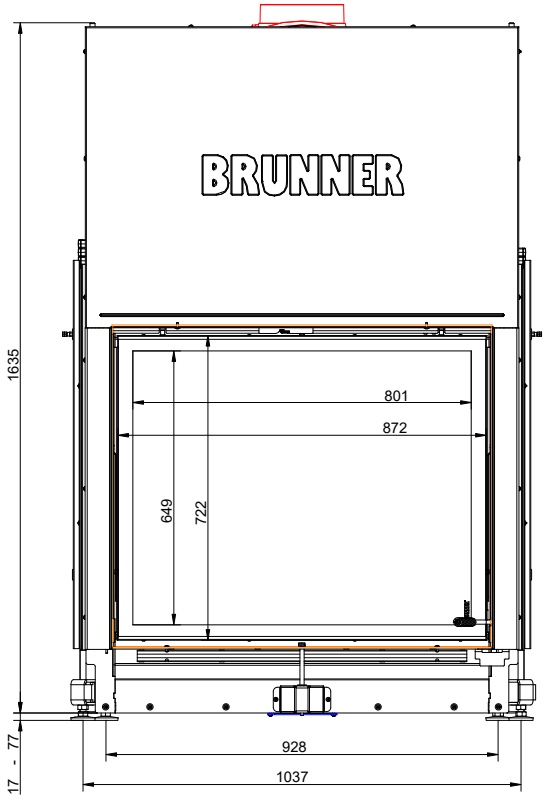


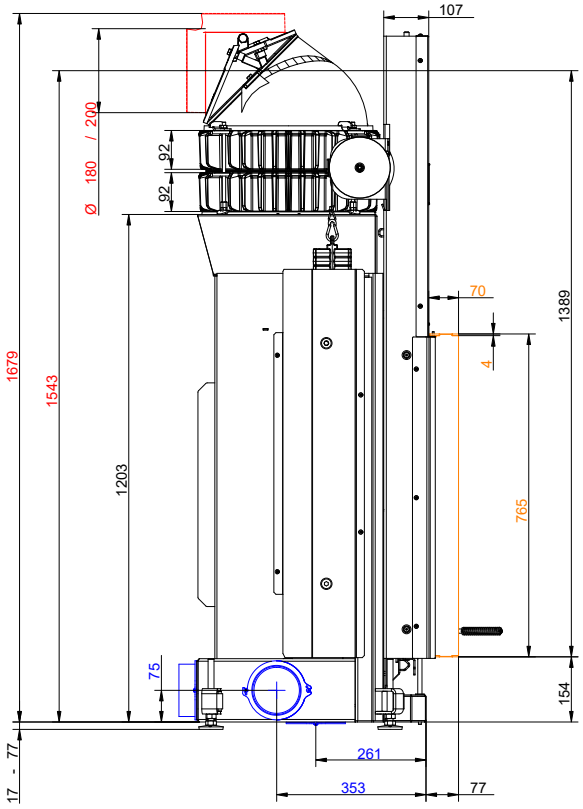


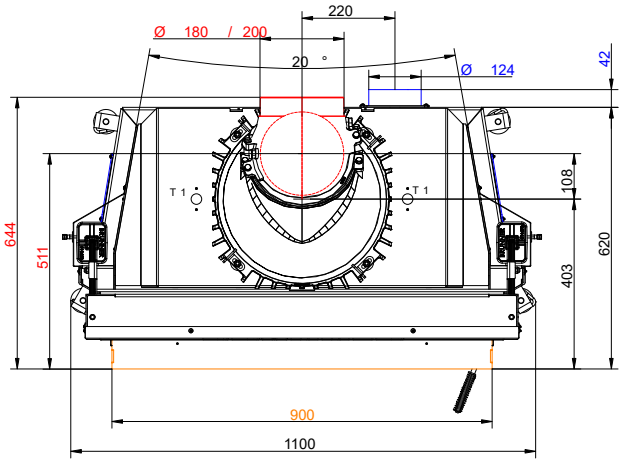
… with mounting frame 70 mm and Cast iron dome

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Dimension sheets - Stil-Kamin 75-90 +



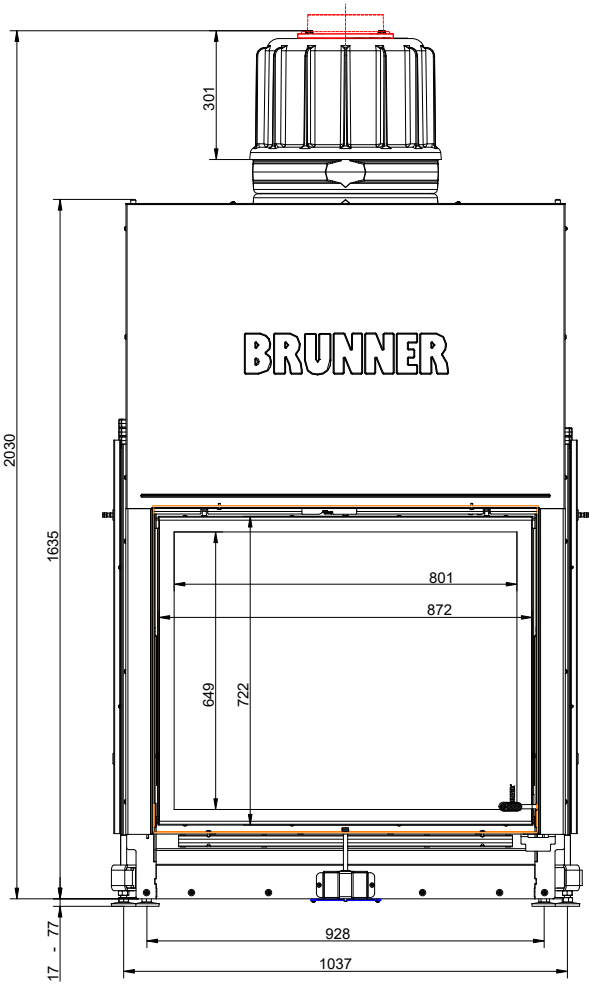


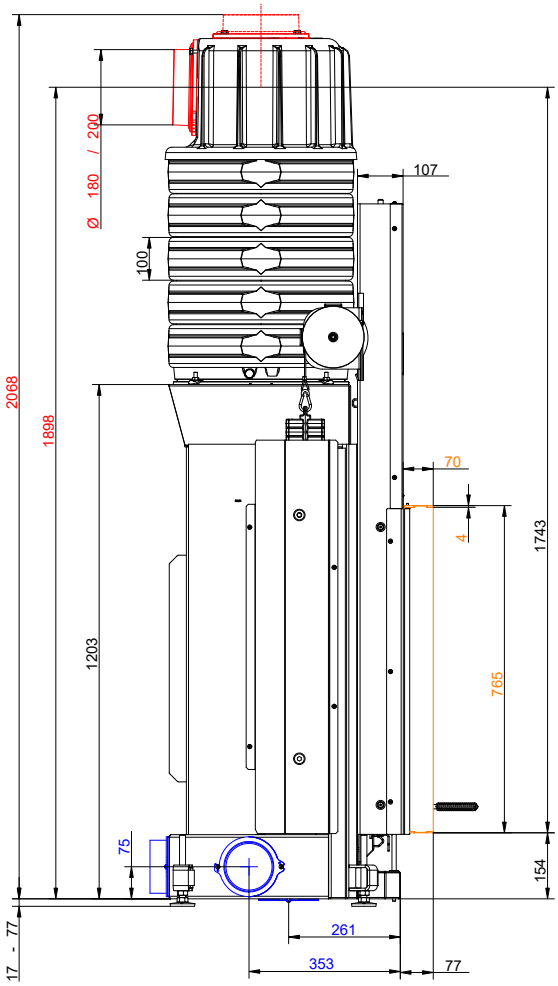


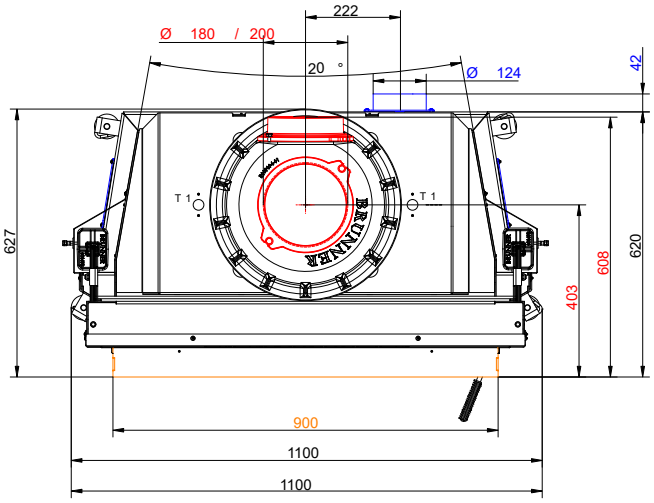
… with mounting frame 70 mm and cast iron heat exchanger rings + dome

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Dimension sheets - Stil-Kamin 75-90 +



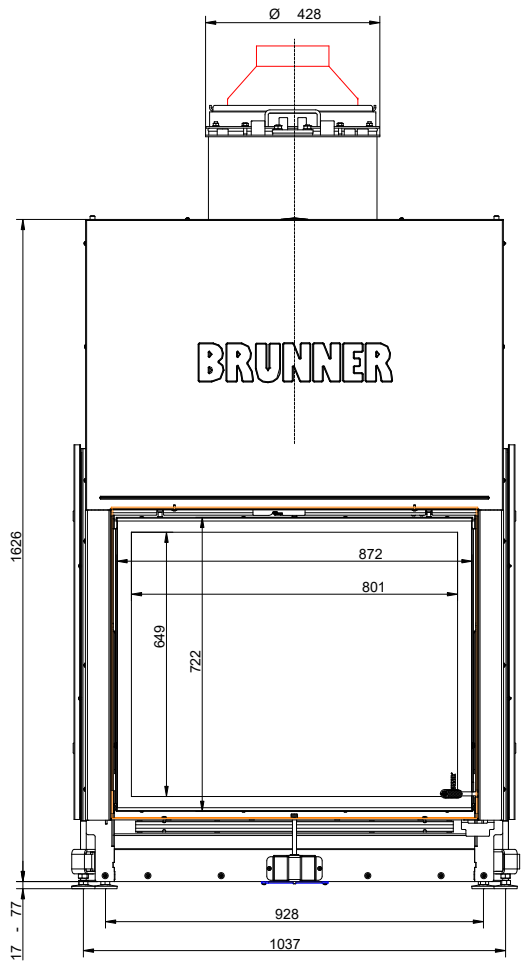


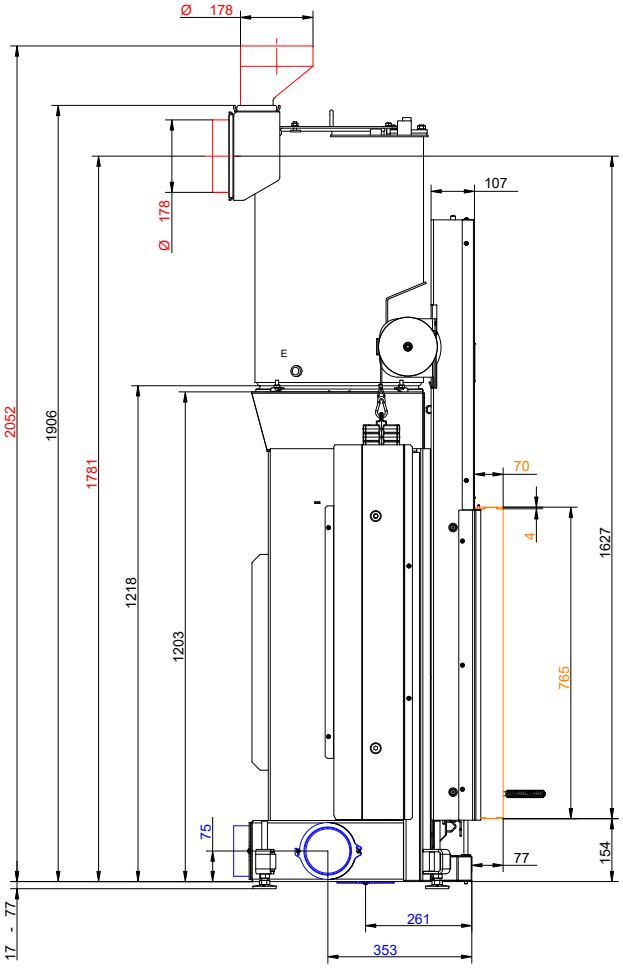


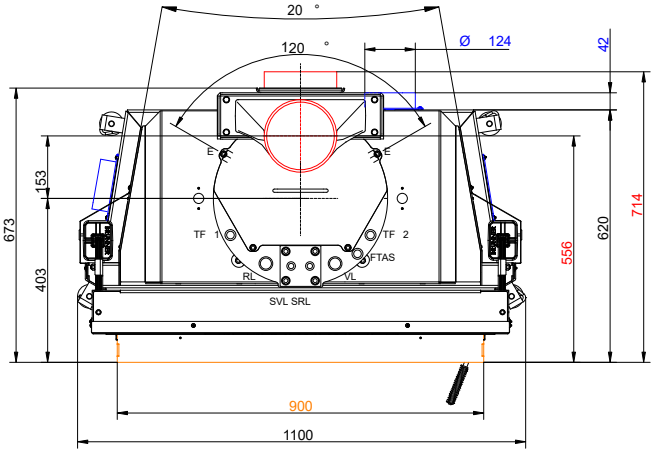
… mit Anbaurahmen 70 mm und MAS

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Dimension sheets - Stil-Kamin 75-90 +





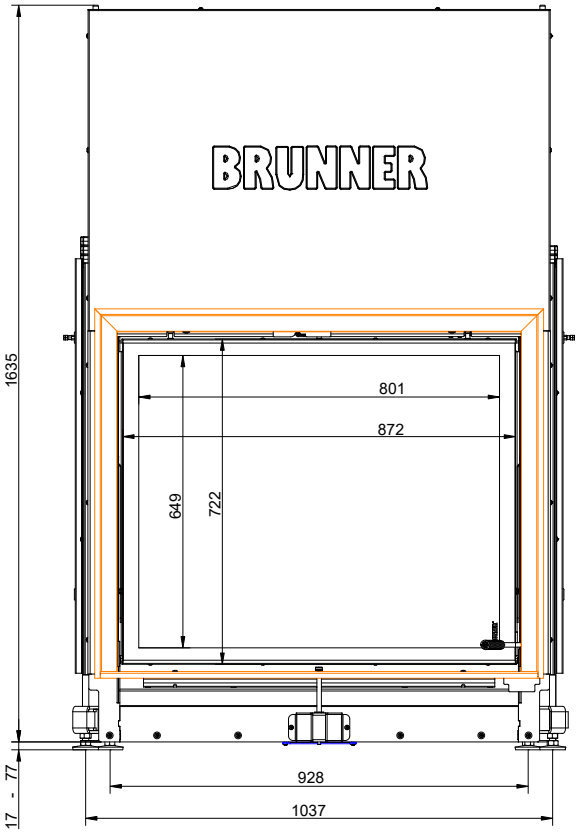


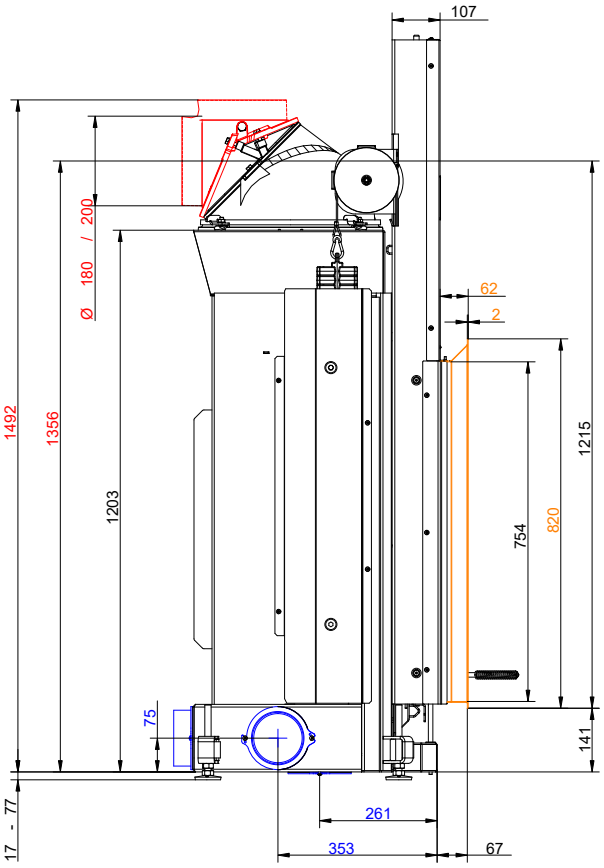
VL	supply 1"ext. th.
RL	return boiler 1"ext.th.
E	drain 1/2"int. th.
SVL	supply cooling pipe outlet ext.th.
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TF	socket 1/2" for sensor int.th.

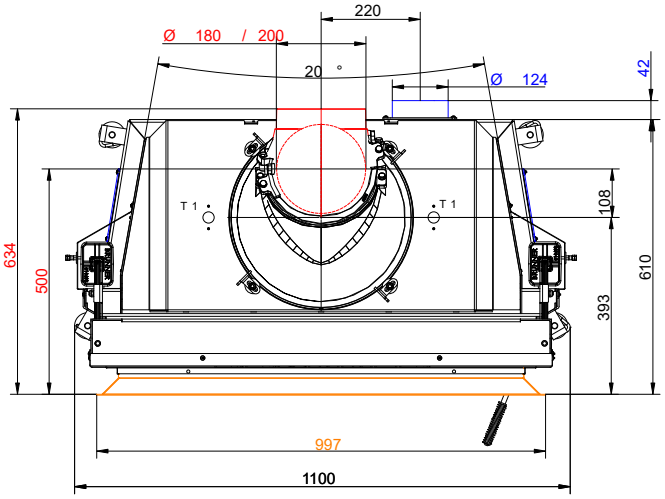
… with mounting frame 70 mm and Boiler module

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Dimension sheets - Stil-Kamin 75-90 +



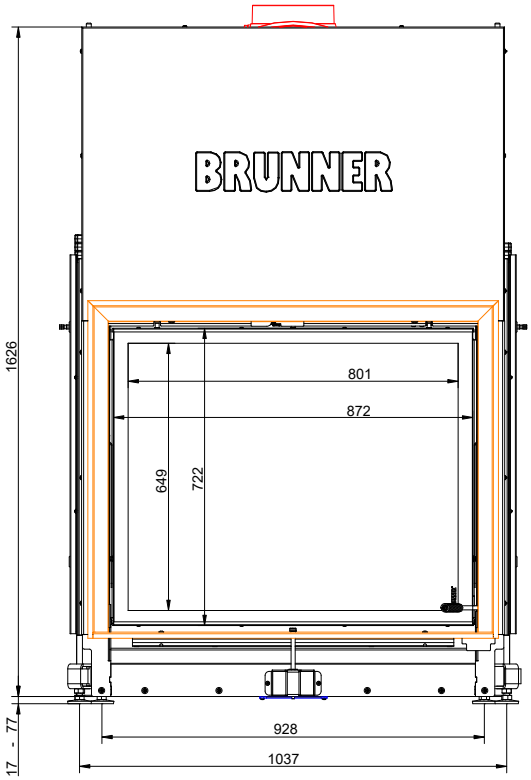


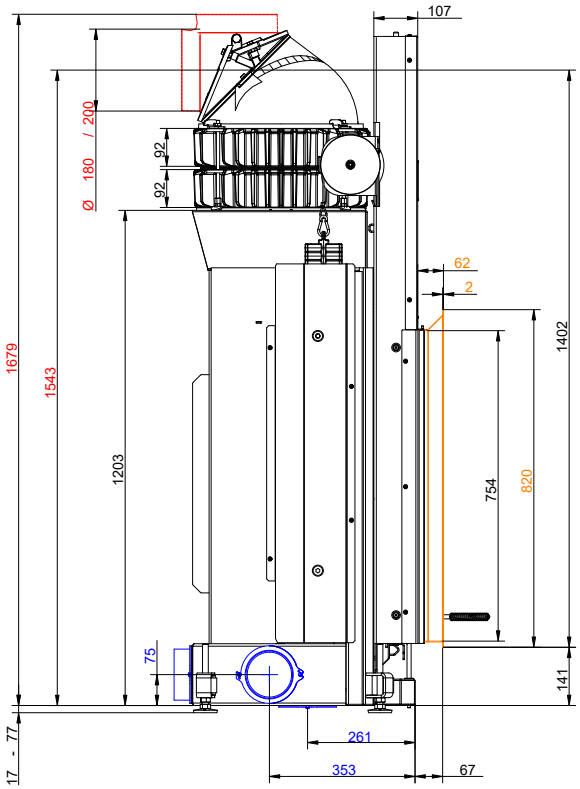


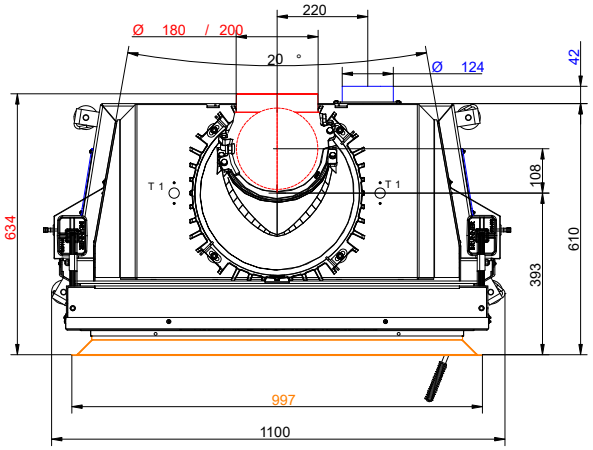
… with cast iron dome and mounting frame

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Dimension sheets - Stil-Kamin 75-90 +



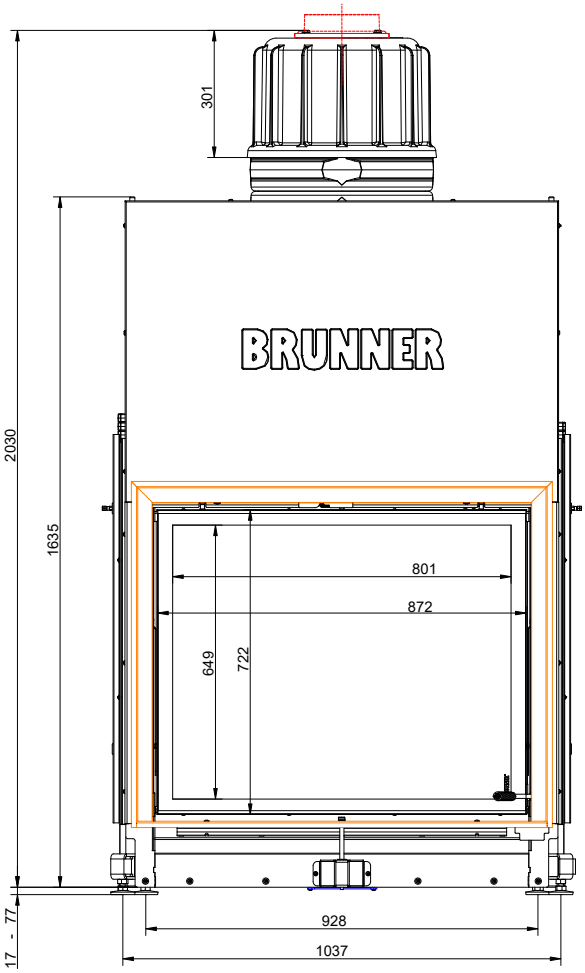


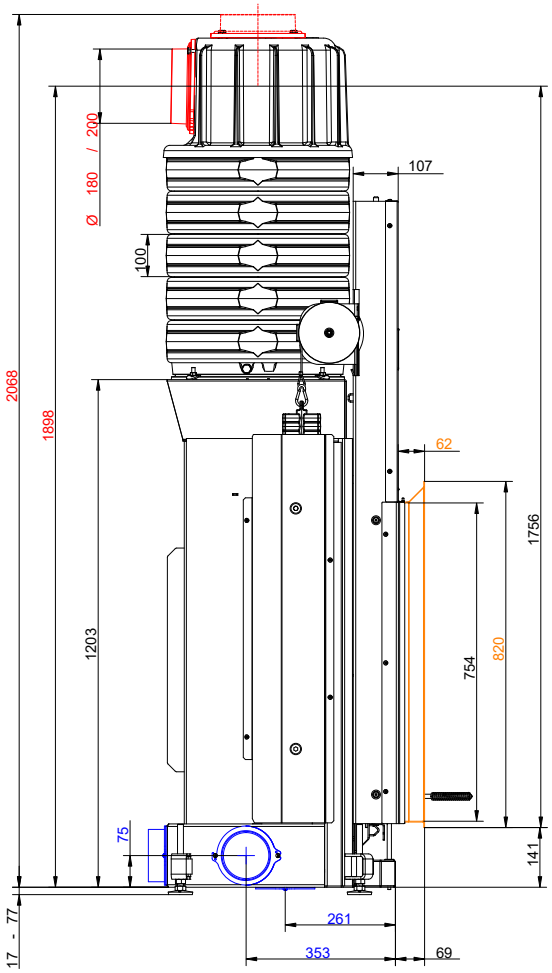


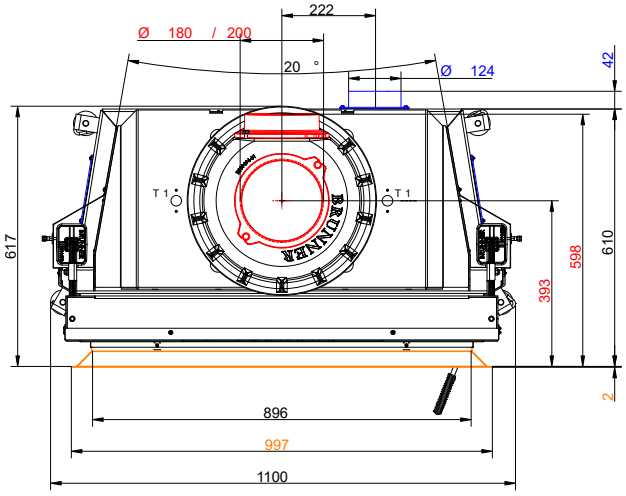
with door frame and cast iron heat exchanger rings + dome

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Dimension sheets - Stil-Kamin 75-90 +



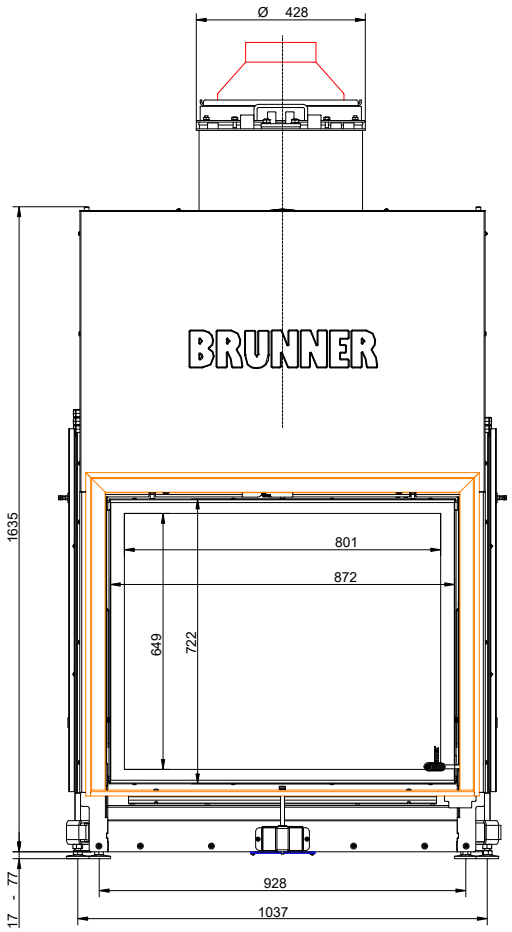


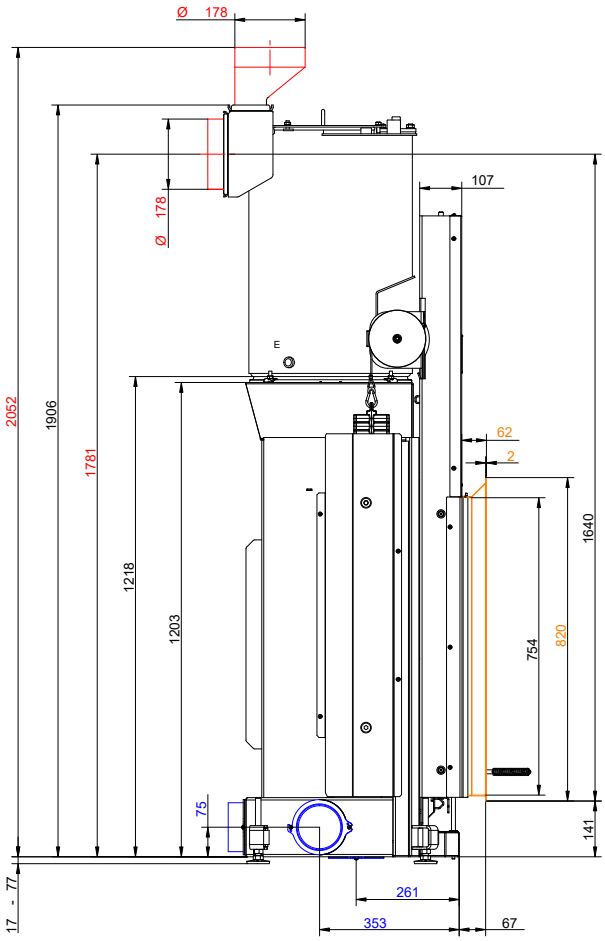


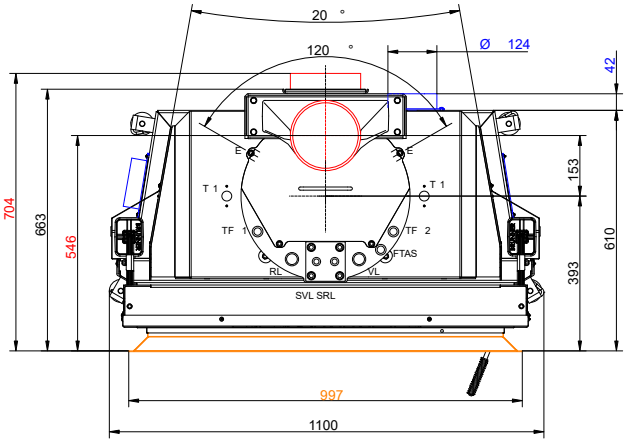
… with door frame and MAS

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Dimension sheets - Stil-Kamin 75-90 +







VL	supply 1"ext. th.
RL	return boiler 1"ext.th.
E	drain 1/2"int. th.
SVL	supply cooling pipe outlet ext.th.
SRL	return cooling pipe outlet 1/2"ext.th.
TF	socket 1/2" for sensor int.th.

… flat with door frame and Boiler module

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 - Stil-Kamin 75-90 +

Series status		04.2
Tested according to		EN 13229 W
Values measured at		Rated power [1]
Suitable for all construction types according to rules		OK
Data for functional demonstration		
Rated heat power	kW	13
Fire wood volume	kg/h	4
Combustion performance	kW	16
Flue gas mass flow	g/s	14
Flue gas temperature after:		
Cast iron dome	°C	340
2 x cast iron heat exchanger rings + dome	°C	210
5 x accumulation rings incl. MAS casted cover	°C	220
Boiler module	°C	208
Necessary supply pressure	Pa	12
Combustion air consumption	m^3/h	42
Efficiency	%	80
Combustion air connection Ø	mm	125
Heating gas temperature (before the hood/dome variant)		
cast iron dome	°C	340
Heat distribution		
Insert / reheating surface	%	60 / -
Heat output		
Heating surface fireplace	m^2	3.2
Smoke pipe	m^2	0.5
Cross-section of gratings [2]		
exhaust warm air	cm^2	900 / 100 / -
Recirculation air	cm^2	900 / 100 / -
Minimal oven surface for closed construction type		
Heat dissipating surface	m^2	5.5
Minimal distances of the fireplace		
to cladding, insulation layer	cm	6
to mounting floor	cm	2
Thermal insulation without / with air gratings [3]		
Mounting wall	cm	18 / 14
Floor	cm	4 / 2
to protected wall	cm	22 / 16
Brick lining for combustible wall	cm	10
Weight		
Fireplace / combustion chamber	kg	262 / 128
Meets requirement/limit values for:		
Germany/ Austria / Switzerland / Norway		1.BImSchV (Stufe 2) / 15a BVG (2015) / LRV / NS 3059

1) Indications to "Rated power" determined with metallic reheating surface
2) for fireplace inserts / flue gas pipe / metallic reheating surface
3) Values determined with upper air cross-sections; stove cladding is heat emitting.

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info@brunner.de | www.brunner.de
Subject to technical and assortment changes. Errors excepted.
State: 2024-10-31