

FIREPLACE INSERTS FROM BRUNNER



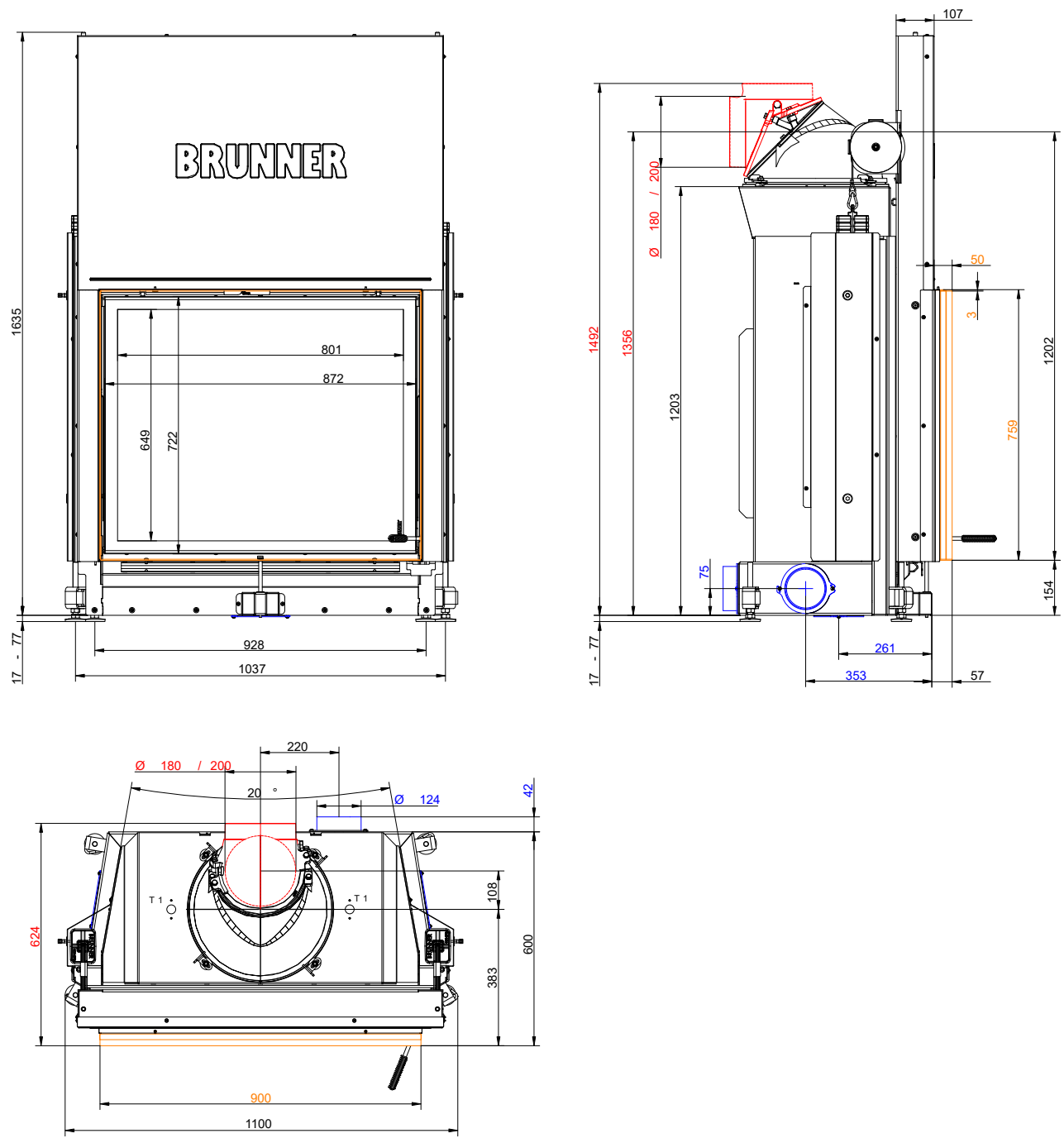
Stil-Kamin 75-90 Series 04.2

State: 2024-10-29



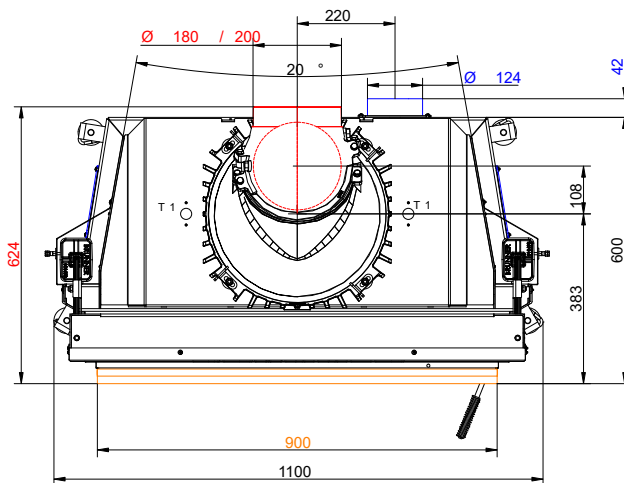
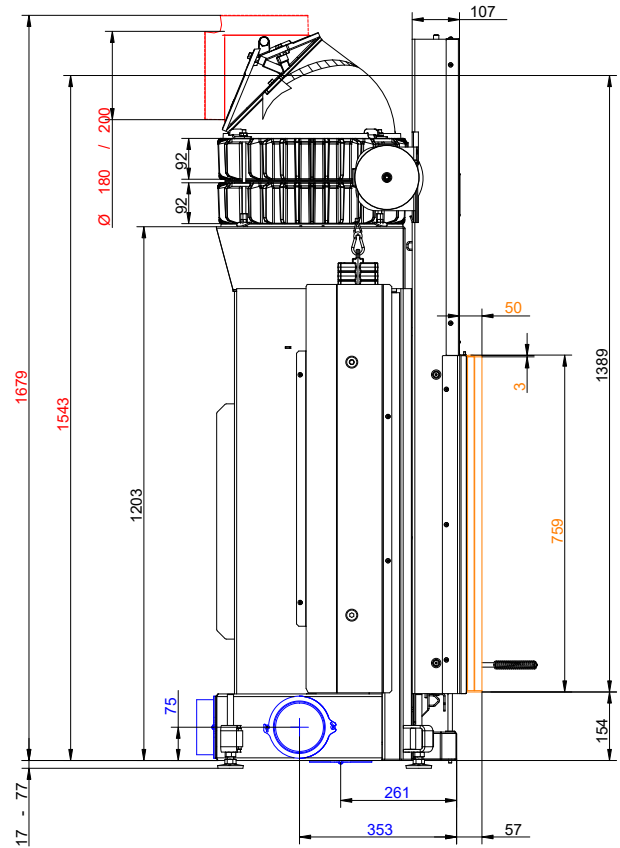
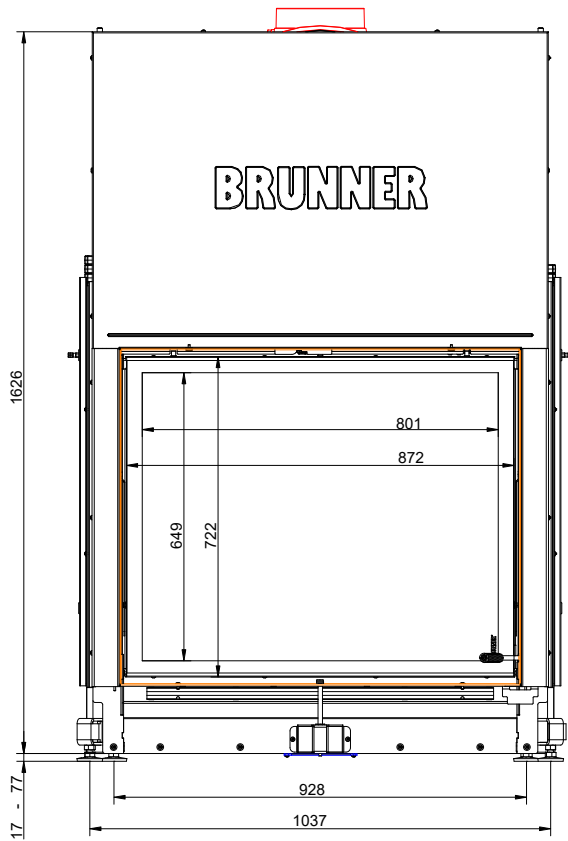
BRUNNER®

Dimension sheets - Stil-Kamin 75-90 Series 04.2



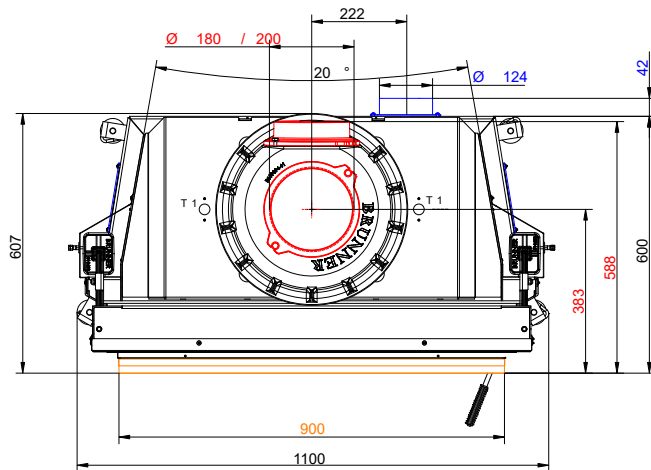
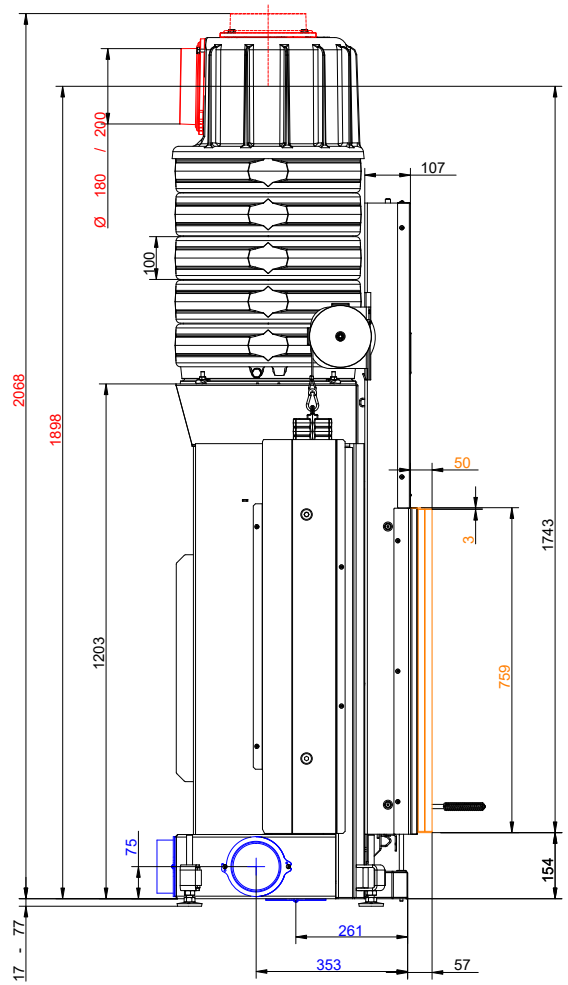
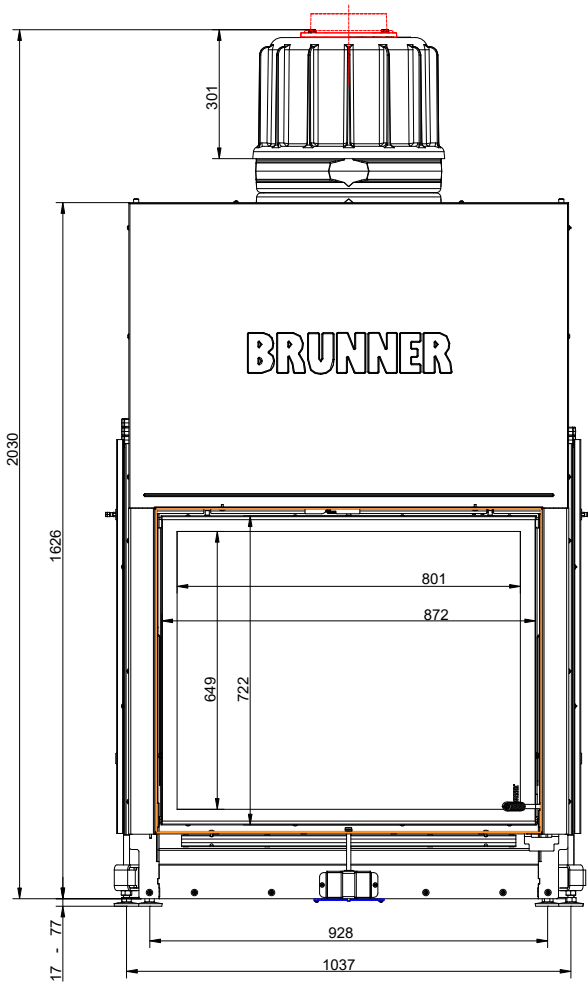
... with mounting frame 50 mm and Cast iron dome

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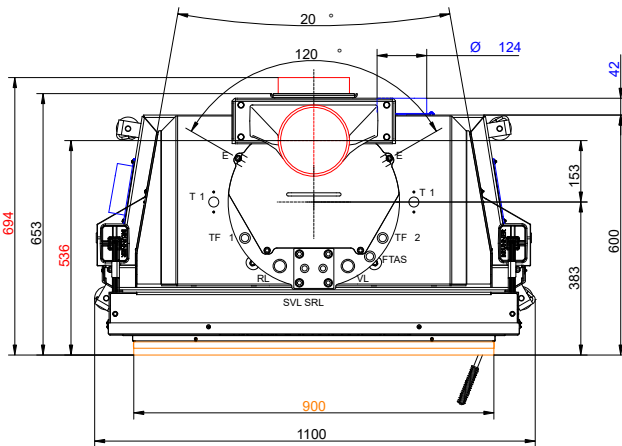
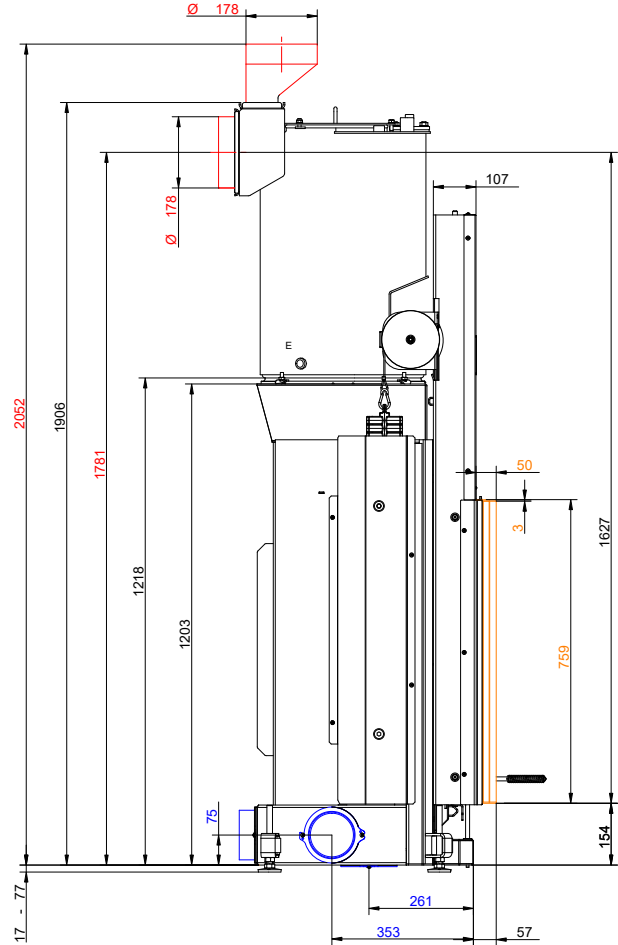
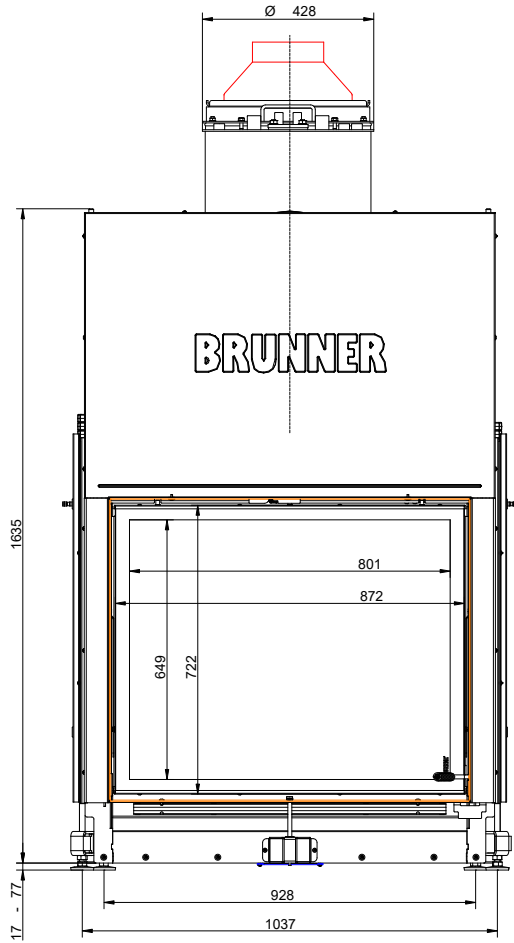
... with mounting frame 50 mm and cast iron heat exchanger rings + dome

Dimension sheets - Stil-Kamin 75-90 Series 04.2



... with MAS and mounting frame 50 mm

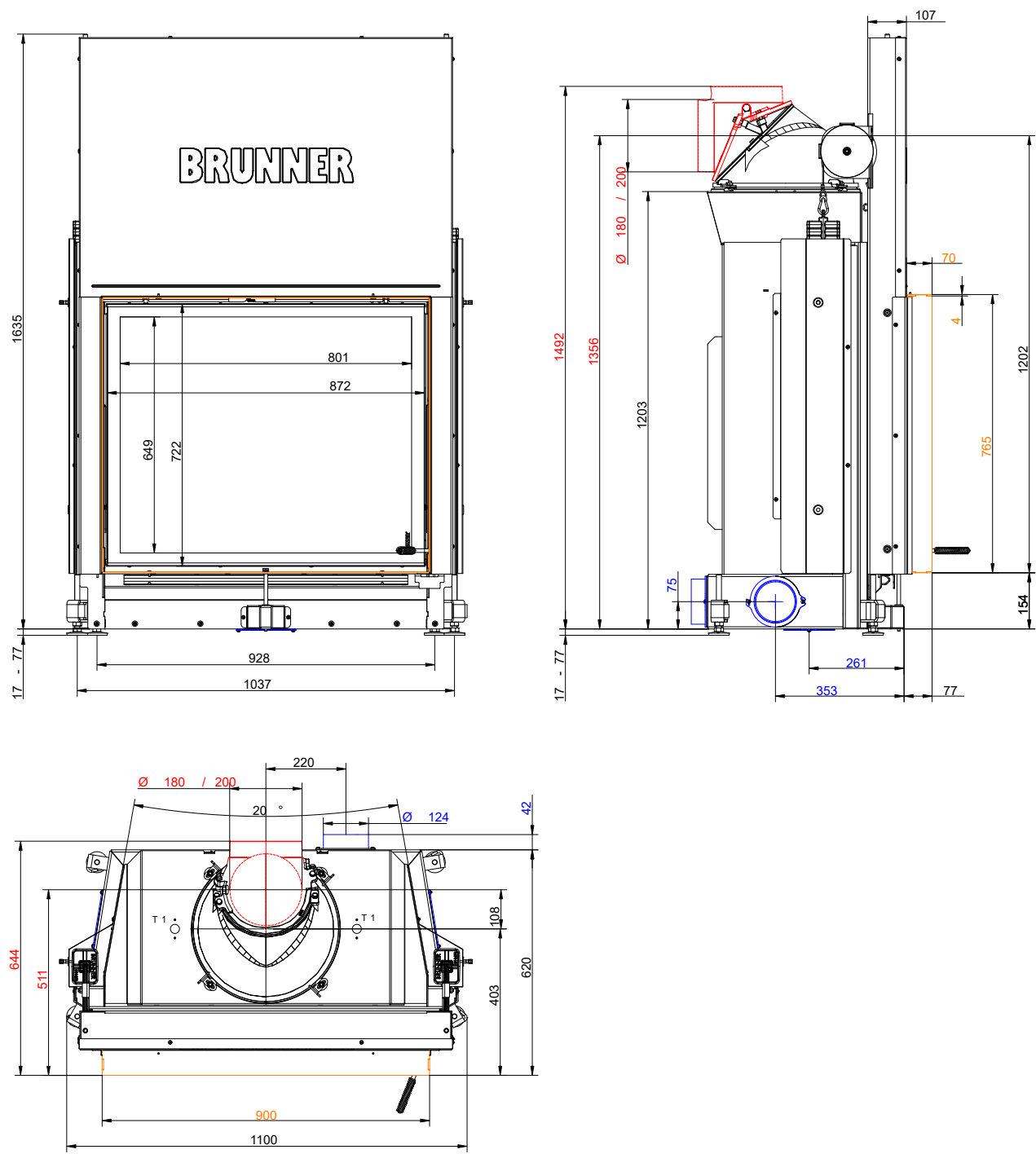
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- | | |
|-----|---|
| VL | supply 1"ext. th. |
| RL | return boiler 1"ext.th. |
| E | drain 1/2"int. th. |
| SVL | supply cooling pipe outlet ext.th. |
| SRL | return cooling pipe outlet
1/2"ext.th. |
| TF | socket 1/2" for sensor int.th. |

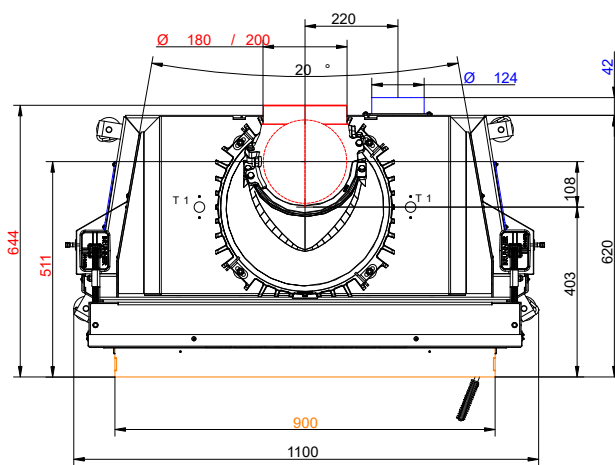
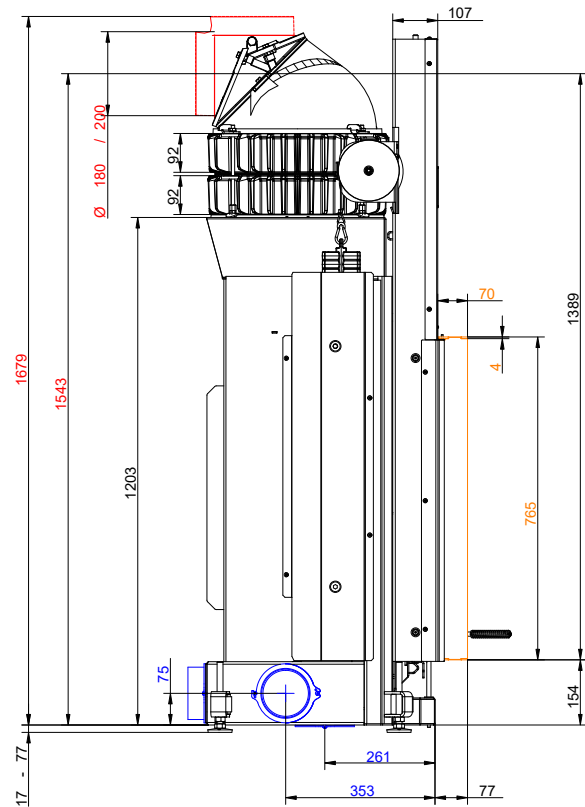
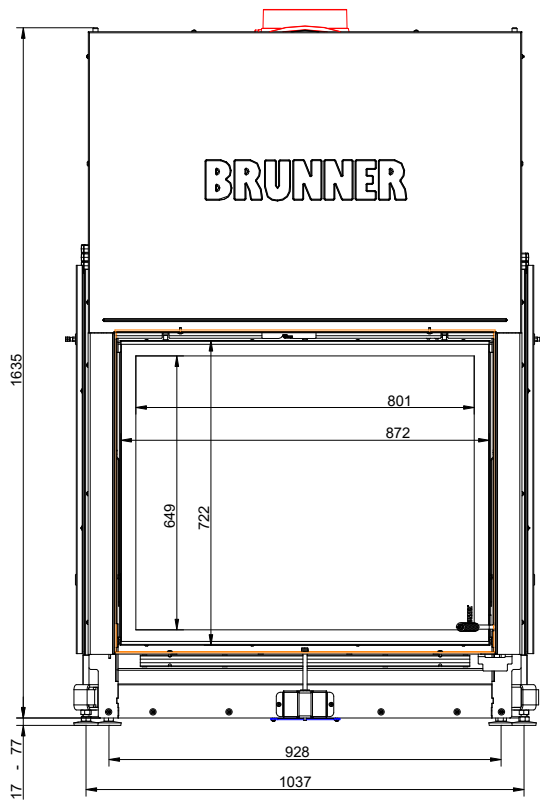
... with mounting frame 50 mm and Boiler module

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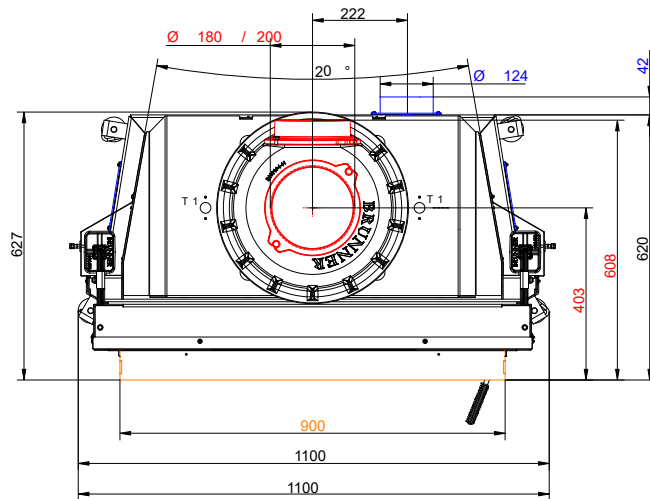
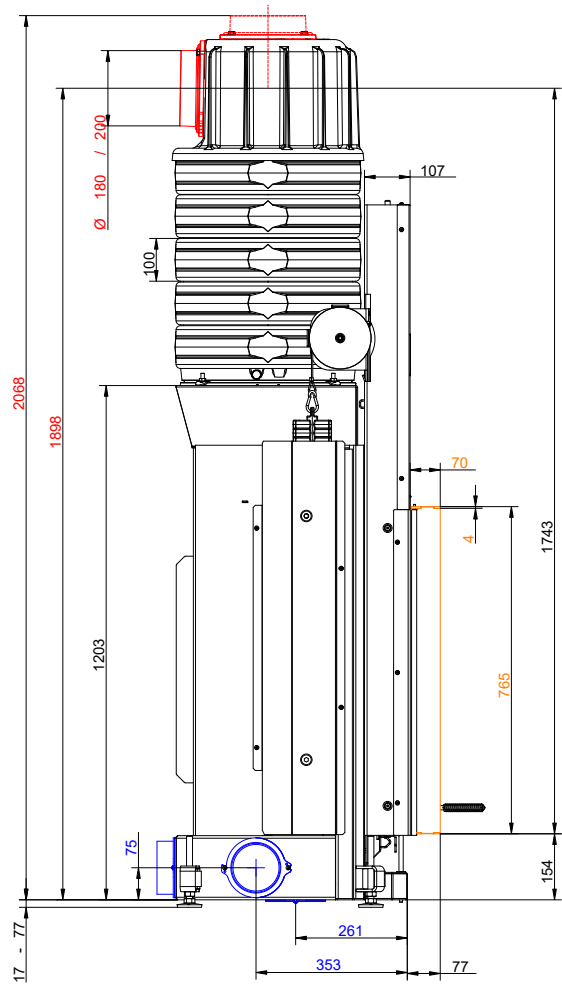
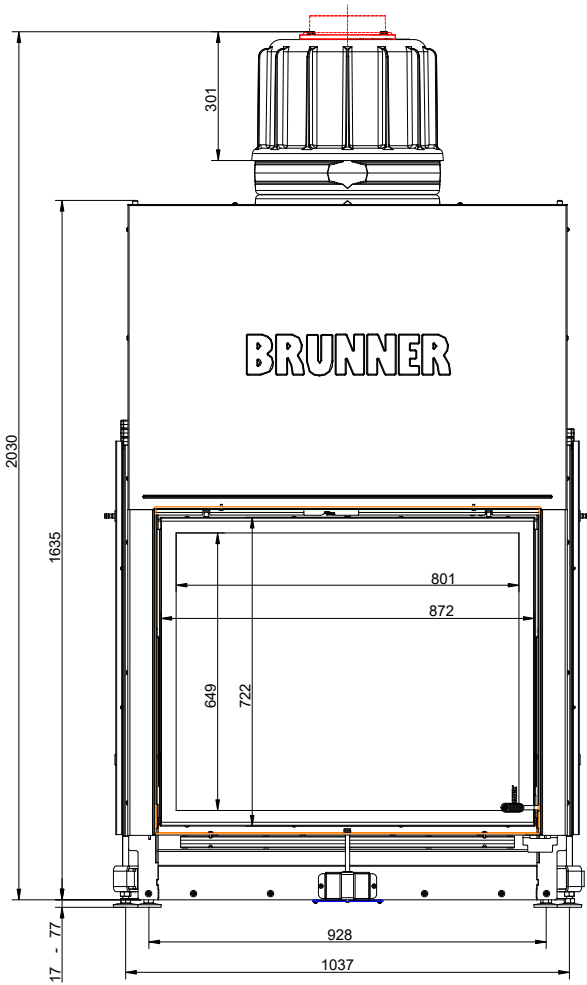
... with mounting frame 70 mm and Cast iron dome

Dimension sheets - Stil-Kamin 75-90 Series 04.2



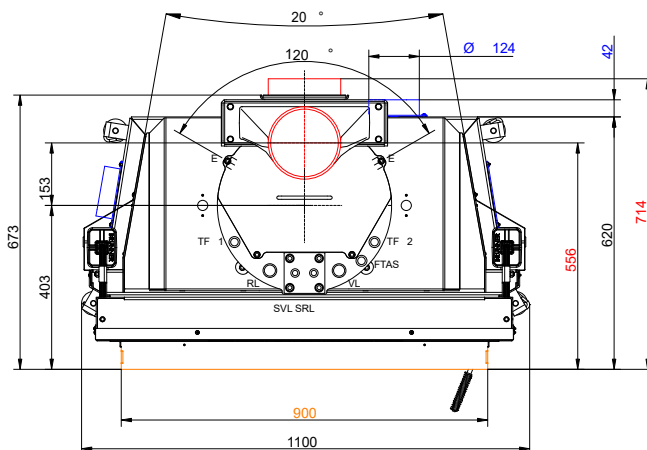
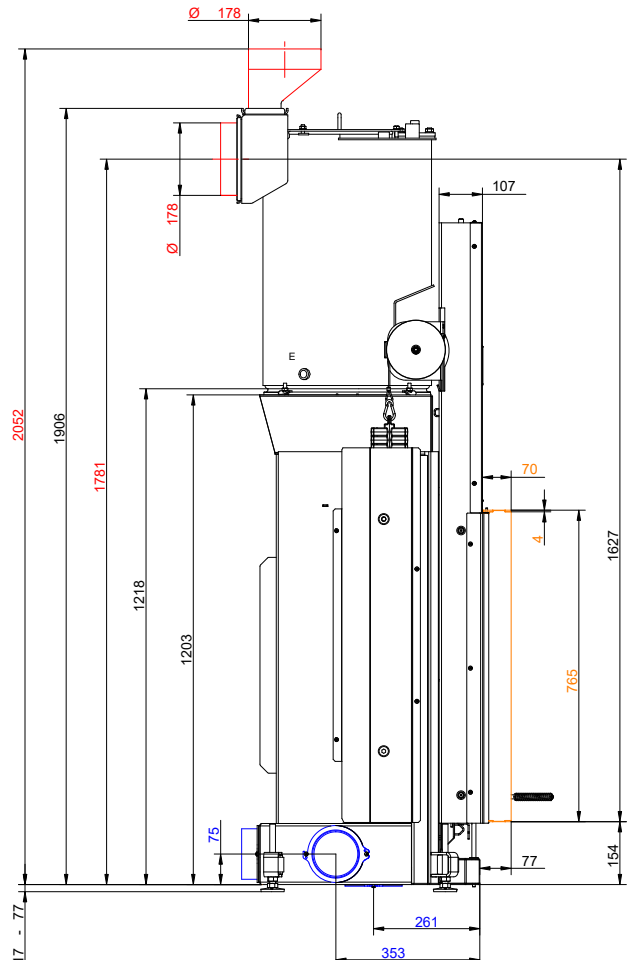
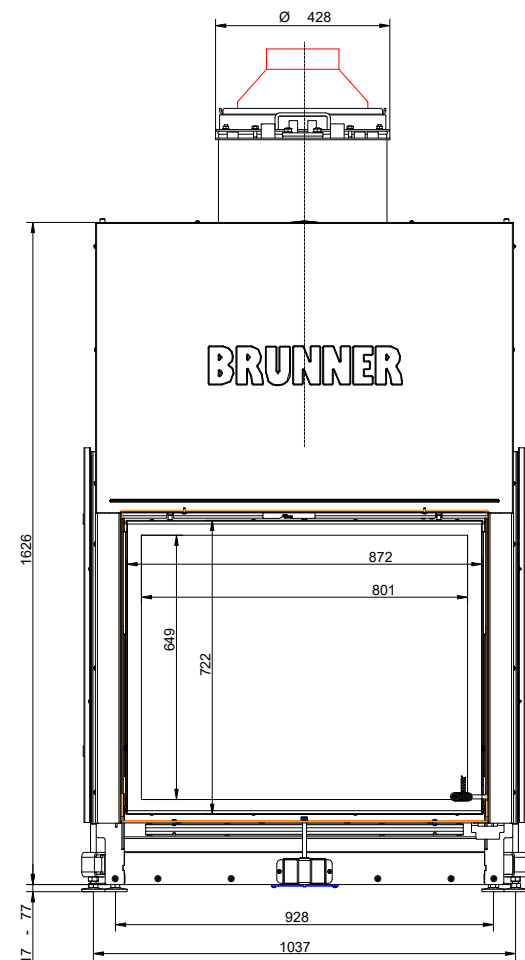
... with mounting frame 70 mm and cast iron heat exchanger rings + dome

Dimension sheets - Stil-Kamin 75-90 Series 04.2



... mit Anbaurahmen 70 mm und MAS

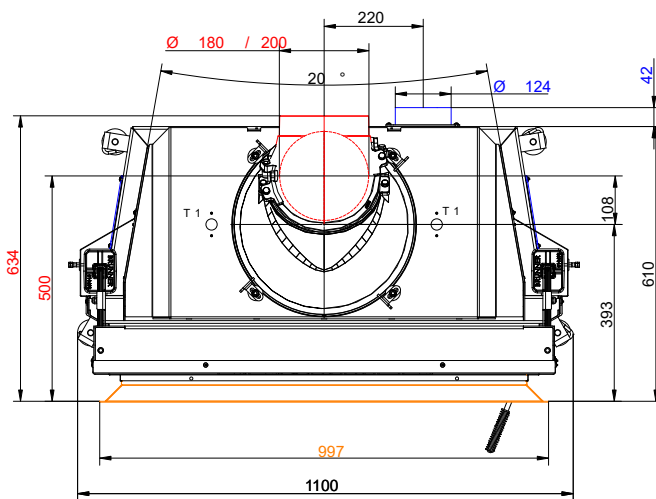
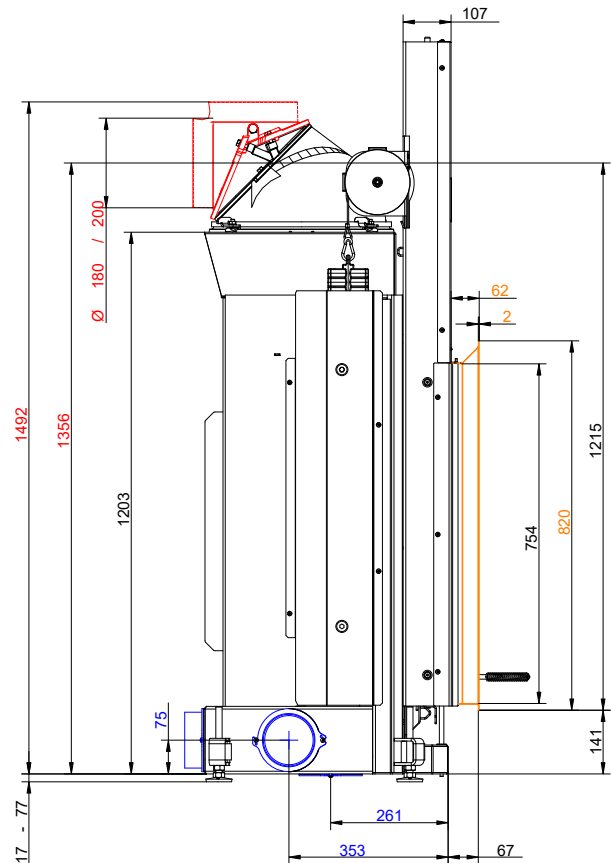
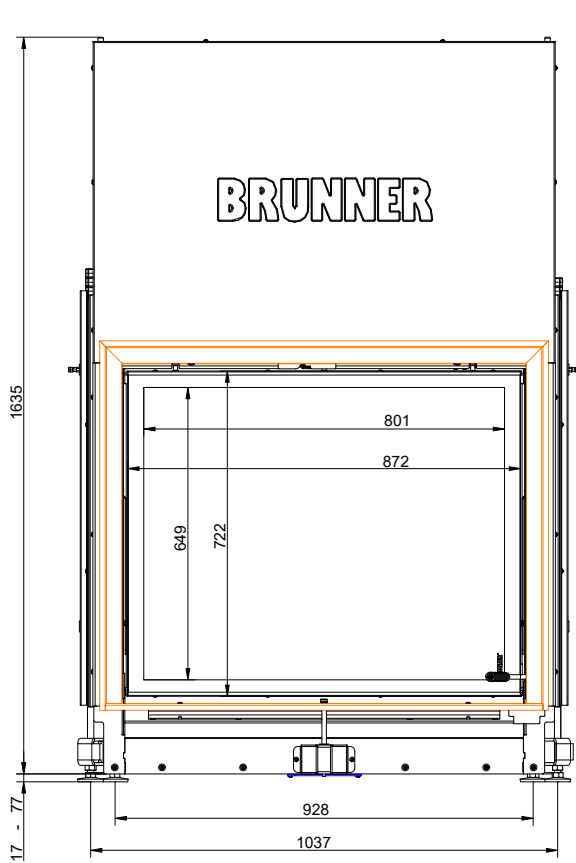
Dimension sheets - Stil-Kamin 75-90 Series 04.2



- 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.

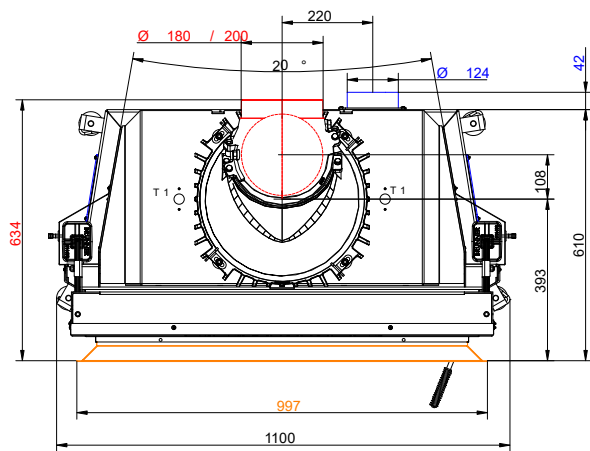
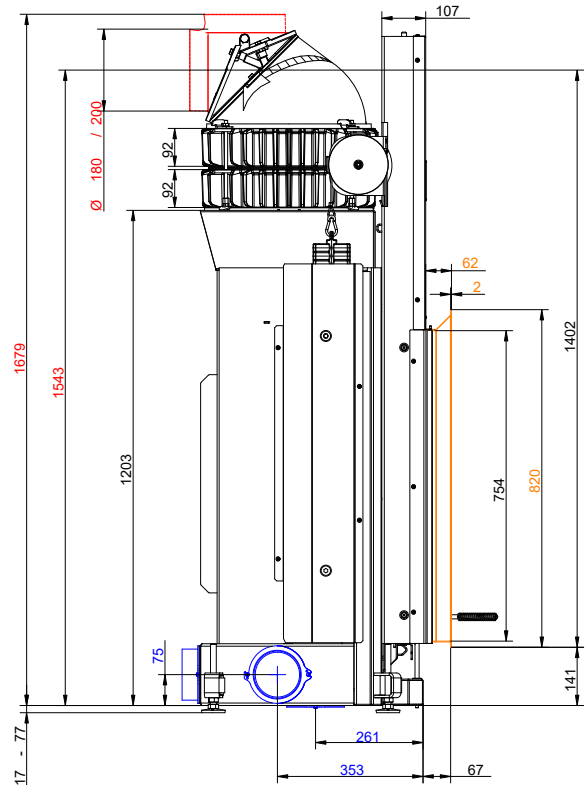
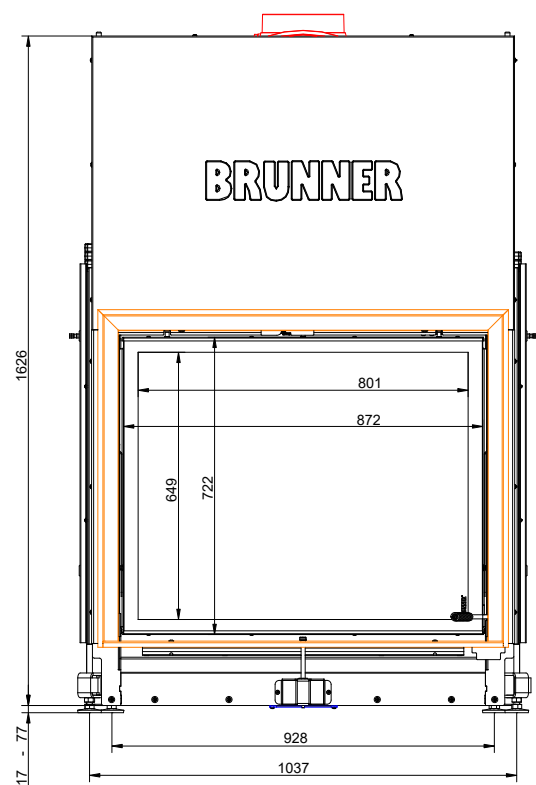
... with mounting frame 70 mm and Boiler module

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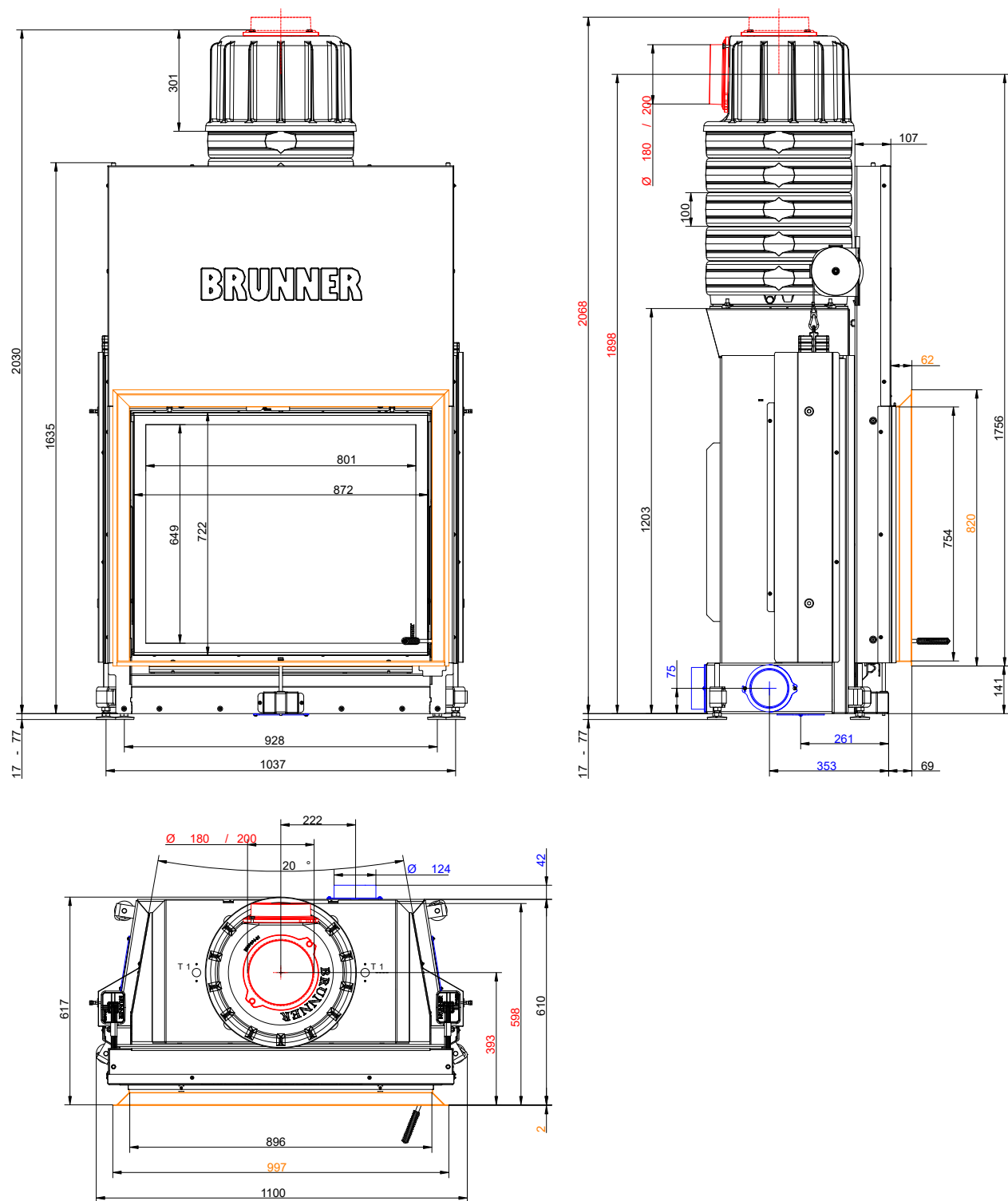
... with cast iron dome and mounting frame

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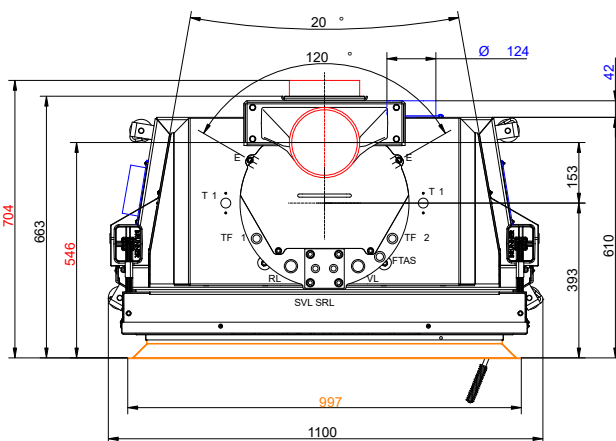
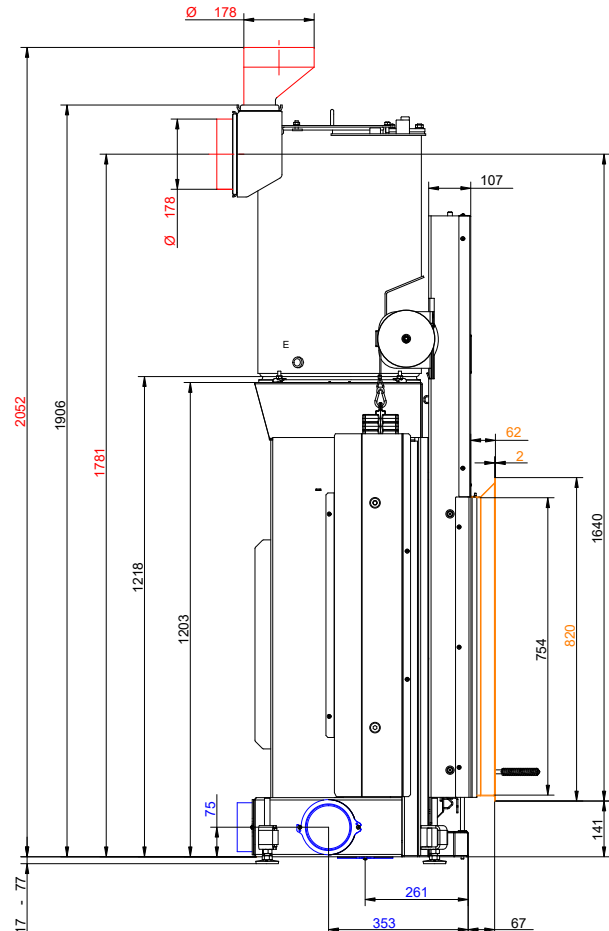
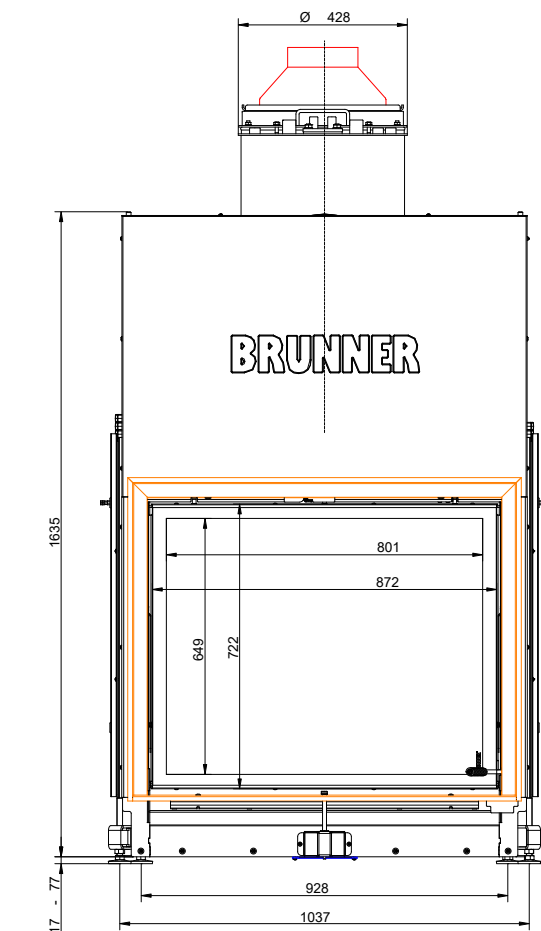
with door frame and cast iron heat exchanger rings + dome

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... with door frame and MAS

Dimension sheets - Stil-Kamin 75-90 Series 04.2



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- 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.

Planning and installation - Stil-Kamin 75-90 Series 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	m³/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	m²	3.2
Smoke pipe	m²	0.5
Cross-section of gratings ²⁾		
exhaust warm air	cm²	900 / 100 / -
Recirculation air	cm²	900 / 100 / -
Minimal oven surface for closed construction type		
Heat dissipating surface	m²	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.