FIREPLACE INSERTS FROM BRUNNER



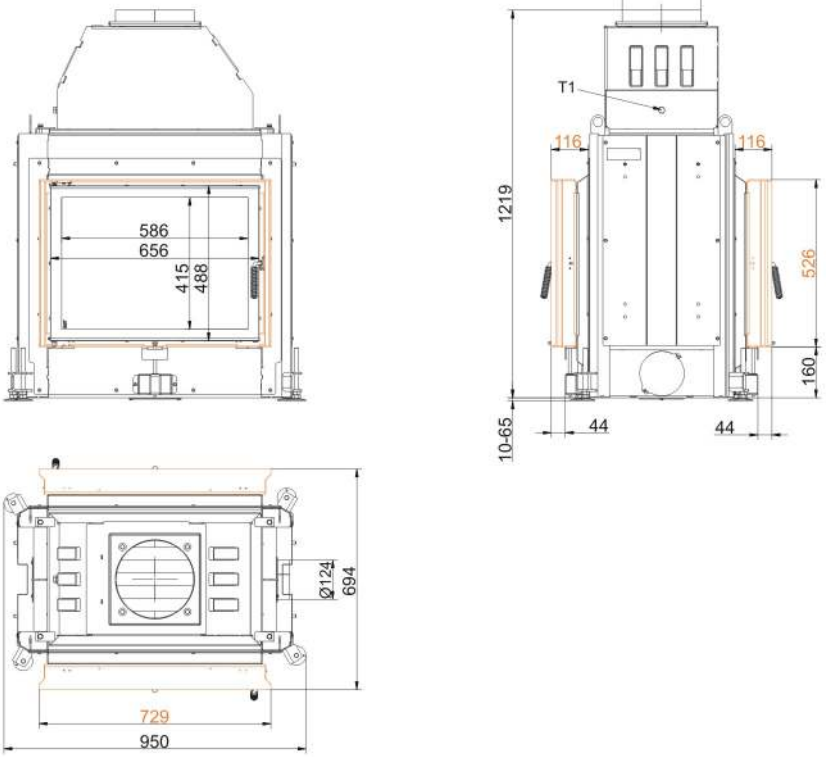
Stil-Tunnel 51/67

State: 2018-04-30

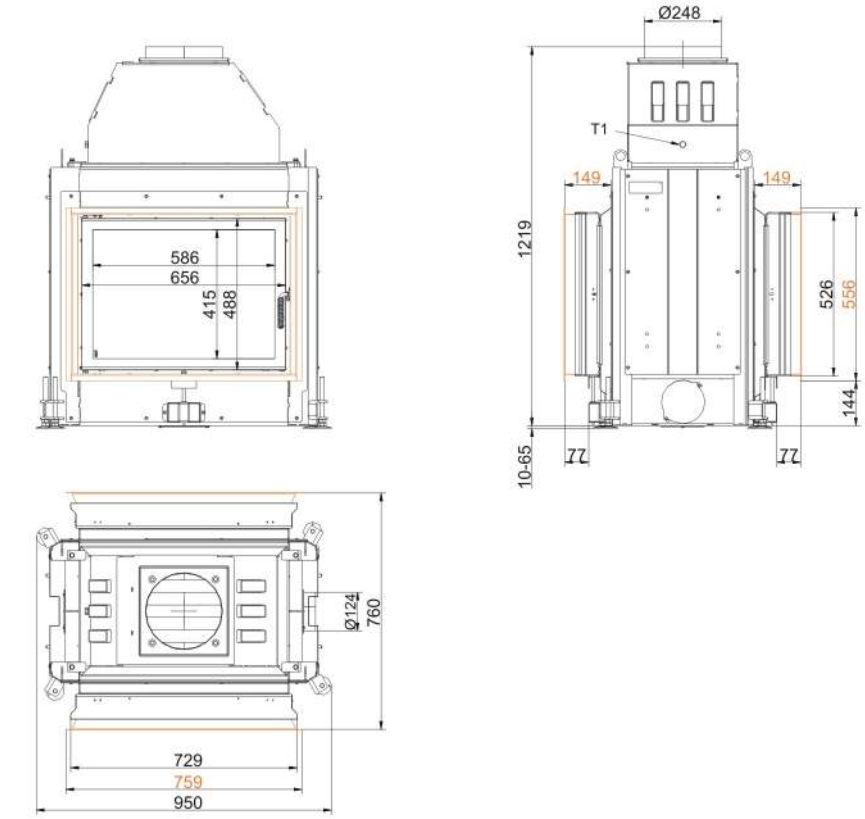


BRUNNER®
made in germany.

Dimension sheets - Stil-Tunnel 51/67



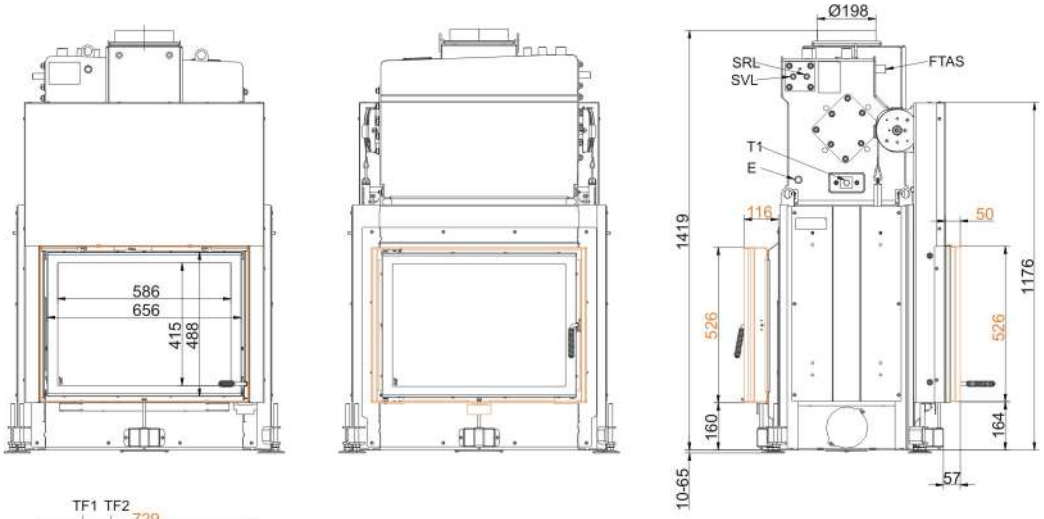
… side opening/side opening with mounting frame

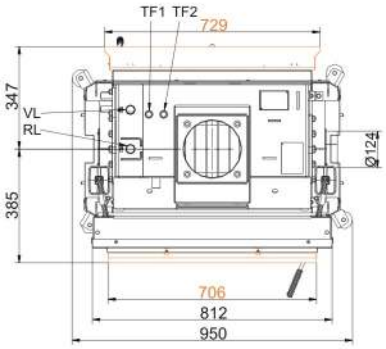


… side opening/side opening with door frame

State: 2018-04-30

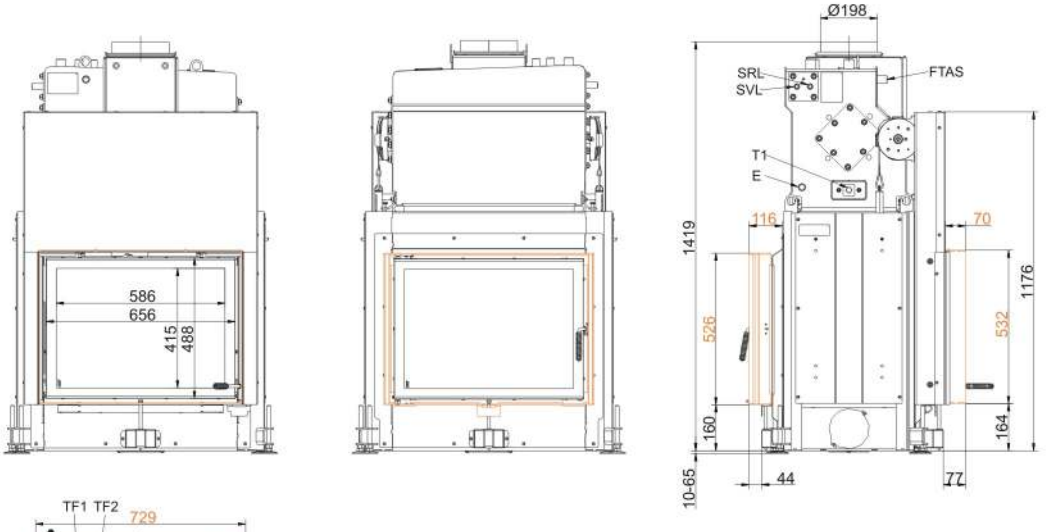
Dimension sheets - Stil-Tunnel 51/67

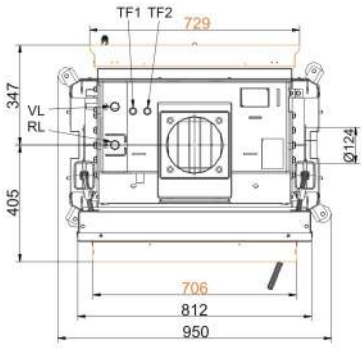




VL	supply 1"ext. th.
RL	return boiler 1"ext.th.
E	drain 1/2"int. th.
SVL	supply cooling pipe outlet ext.th.
SRL	return cooling pipe outlet 1/2"ext.th.
FTAS	socket for thermal safety sensor int.th.
TF1	socket 1/2" for sensor int.th.
TF2	socket 1/2" for sensor int.th.

… lifting door/side opening with mounting frame 50 mm/mounting frame

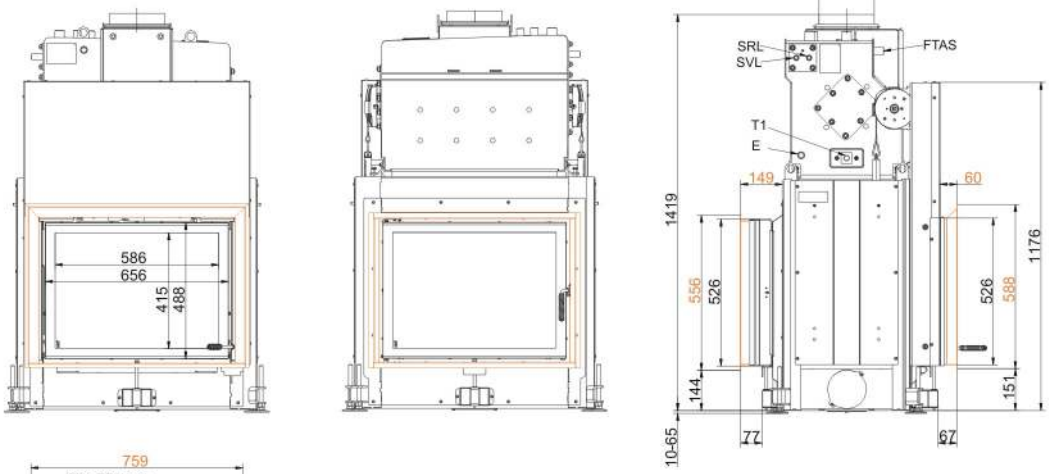


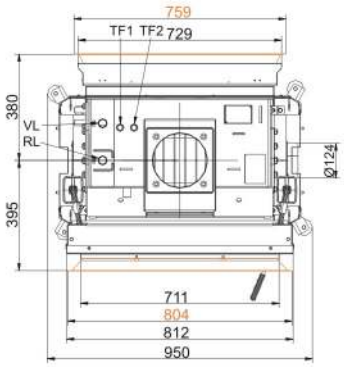


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… lifting door/side opening with mounting frame 70 mm/mounting frame

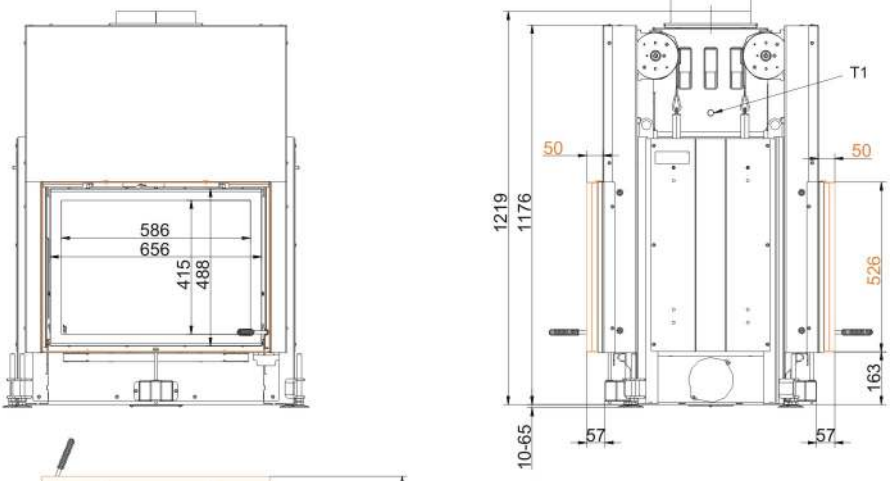
Dimension sheets - Stil-Tunnel 51/67

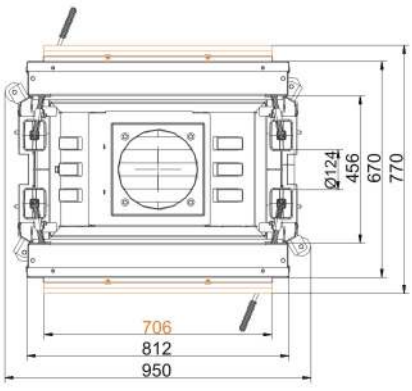




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… lifting door/side opening with door frame

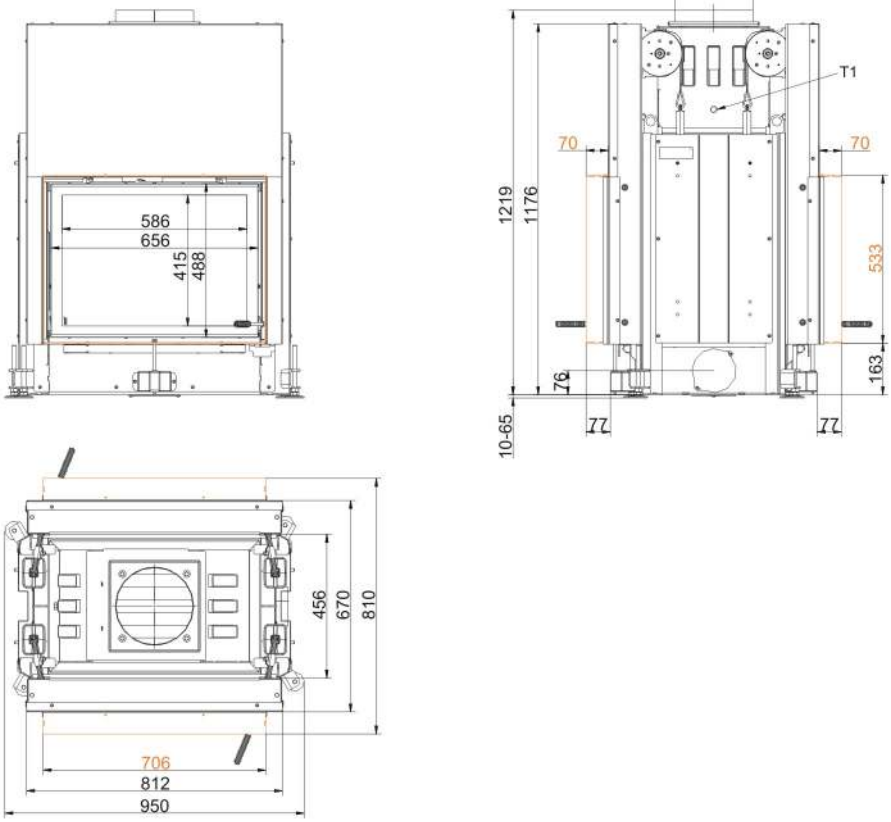




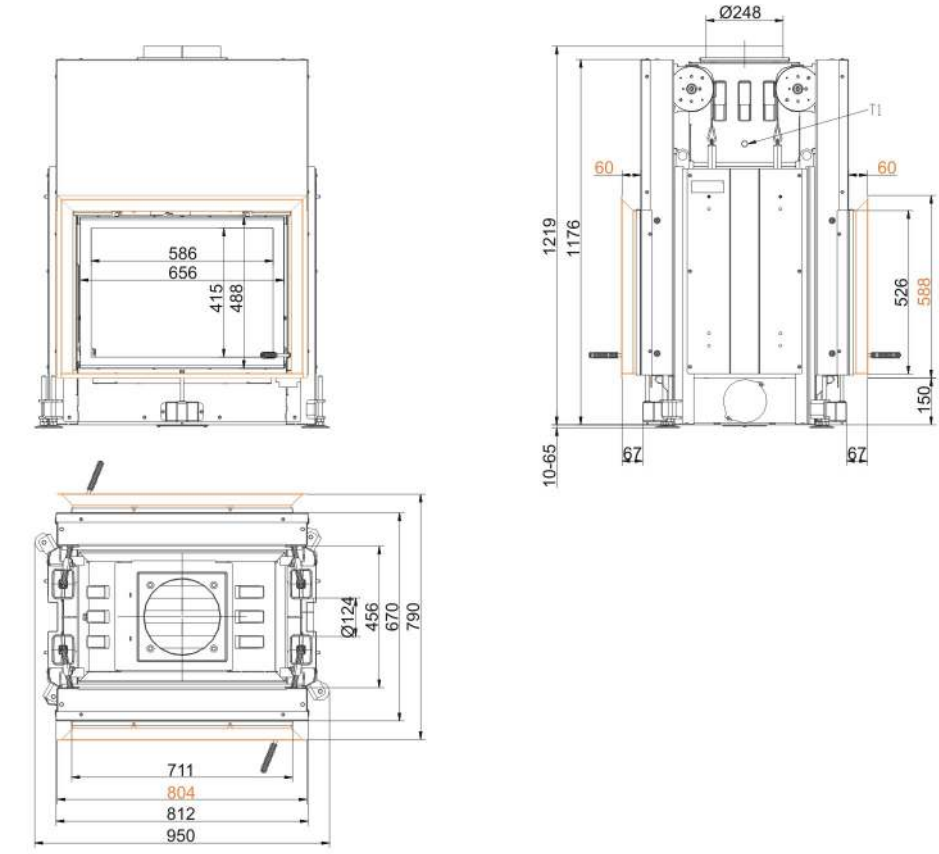
… side opening/side opening with mounting frame 50 mm

State: 2018-04-30

Dimension sheets - Stil-Tunnel 51/67



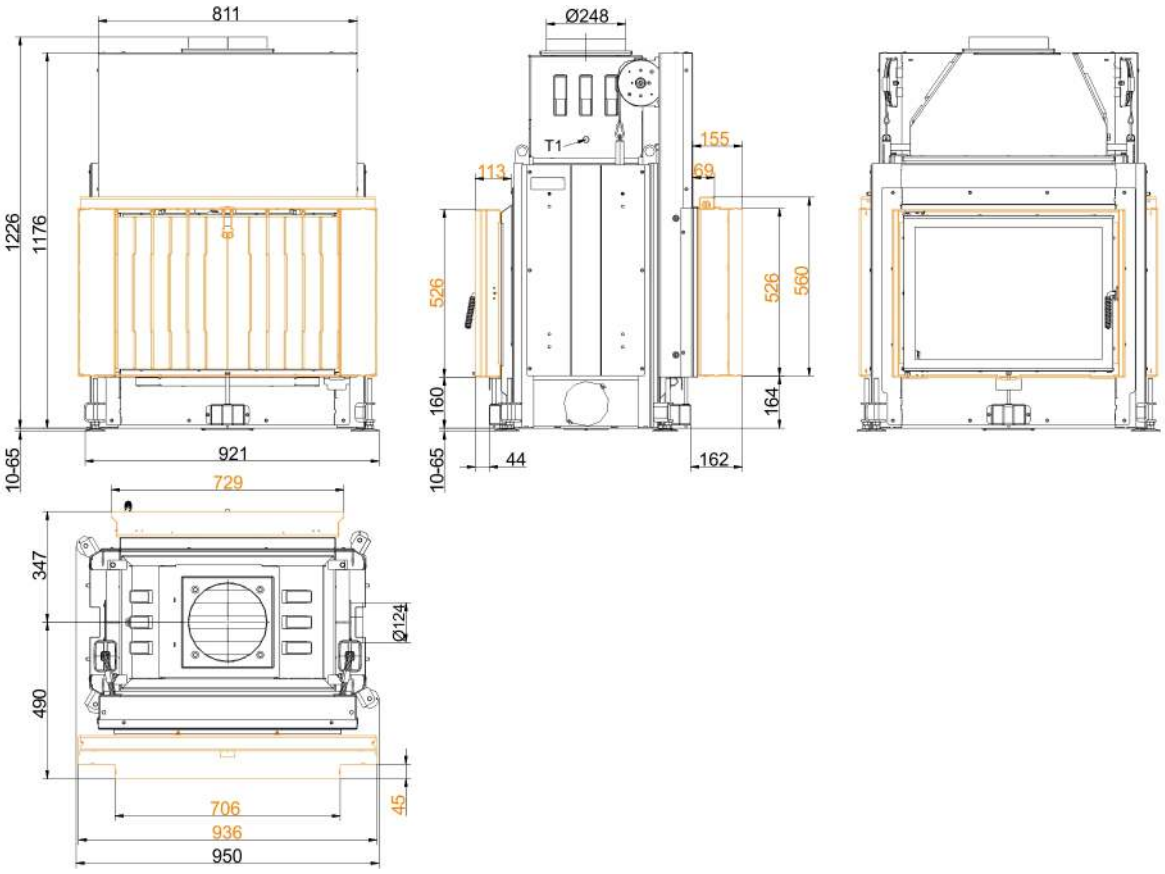
… side opening/side opening with mounting frame 70 mm



… side opening/side opening with door frame

State: 2018-04-30

Dimension sheets - Stil-Tunnel 51/67



… with heatSTOP®

We suggest for CAD planing Palette CAD. Permanent updated drawings: www.brunner.de
Frames / front versions are marked colored.

State: 2018-04-30

Planning and installation - Stil-Tunnel 51/67

Tested according to		EN 13229 W	EN 13229 W
Values measured at		Rated capacity	Accumulation
Suitable for all construction types according to rules		OK	OK
EEI		108.6	108.6
Data for functional demonstration			
Rated heat power	kW	11	-
Fire wood volume	kg/h	3.3	5
Combustion performance	kW	14	23
Flue gas mass flow	g/s	10.5	22
Flue gas temperature after:			
attached steel smoke hood	°C	190	250
Necessary supply pressure	Pa	13	13
Combustion air consumption	m^3/h	40	40
Combustion air connection Ø	mm	125	125
Heat distribution			
Insert / heat accumulator	%	50 / -	50 / -
Glass pane (single / double)	%	50 / -	50 / -
Cross-section of gratings [1)]			
Convection air	cm^2	700 / 200 / -	700 / 200 / -
Supply air	cm^2	700 / 200 / -	700 / 200 / -
Minimal oven surface for closed construction type			
Heat dissipating surface	m^2	5.5	5.5
Minimal distances of the fireplace			
to insulation layer	cm	8	8
to mounting floor	cm	2	2
Thermal insulation without / with air gratings [2)]			
Mounting wall	cm	14 / 10	16 / 12
Floor	cm	2	2
Ceiling	cm	16 / 12	25 / 18
Brick lining for combustible wall	cm	10	10
Weight			
Fireplace / combustion chamber	kg	226 / 67	
Meets requirement/limit values for:			
Germany/ Austria / Suisse / Norway		1.BImSchV (Stufe 2) / 15a BVG (2015) / LRV / NS 3059	

1) for fireplace inserts / flue gas pipe / metallic reheating surface
2) Values determined with upper air sections; stove cladding is heat emitting.

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