

BRUNNER WATER BOILERS



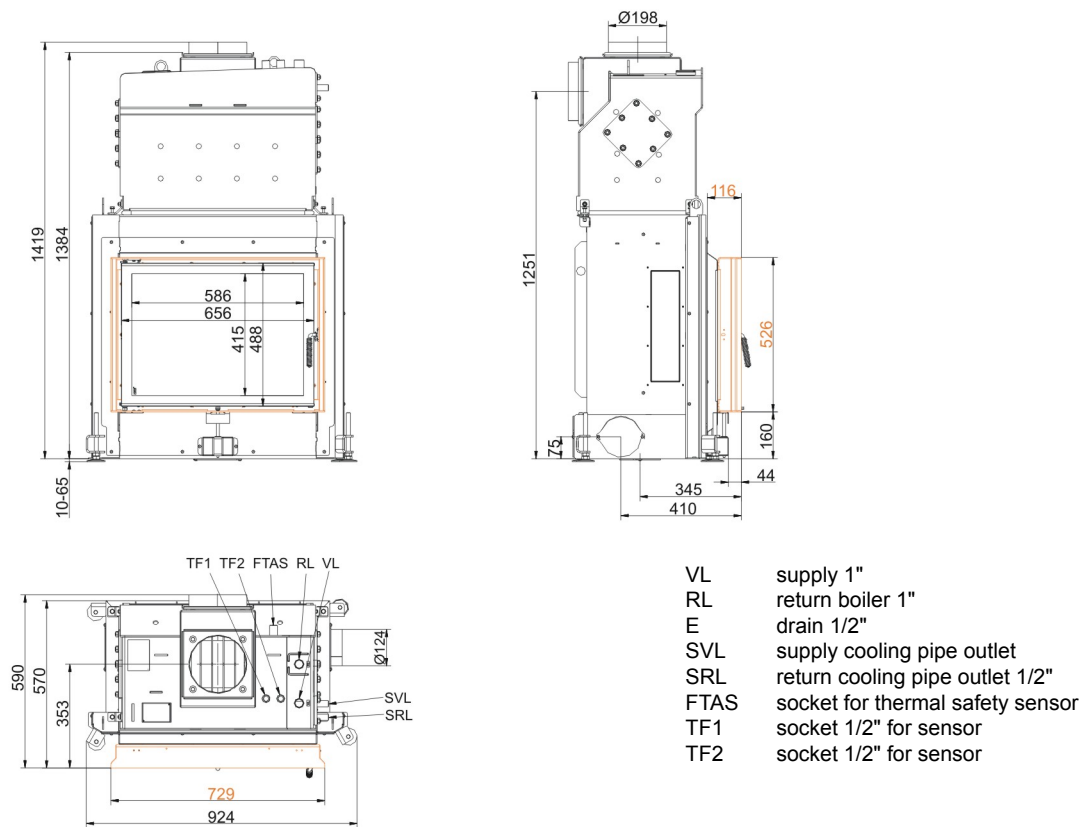
Stil-Kamin 51/67 with top-mount boiler

State: 2018-03-23

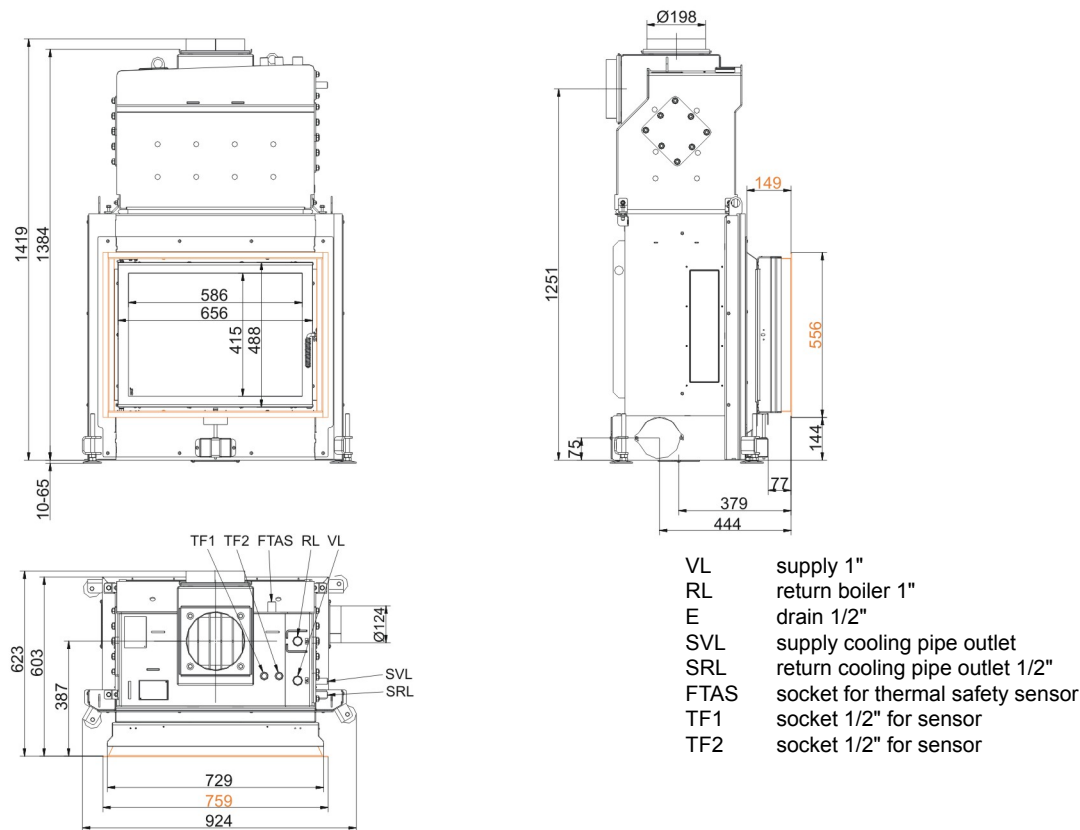


BRUNNER®
made in germany.

Dimension sheets - Stil-Kamin 51/67 with top-mount boiler

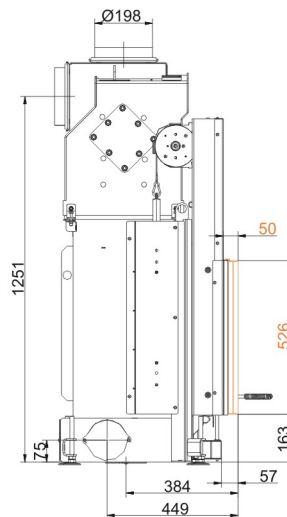
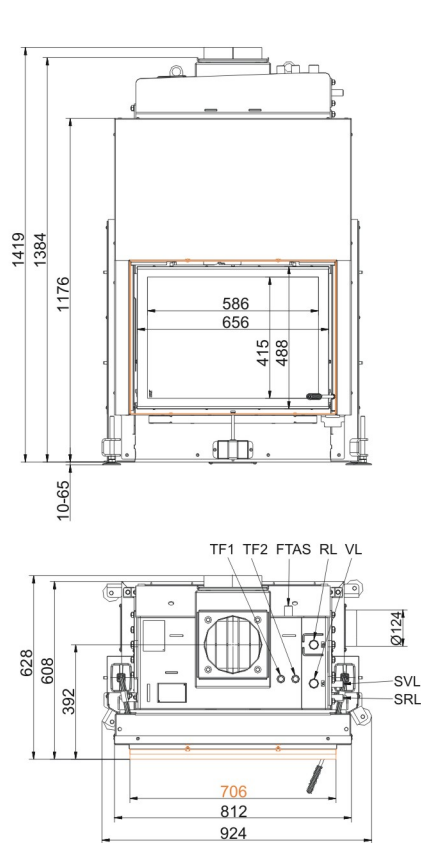


... side opening with mounting frame



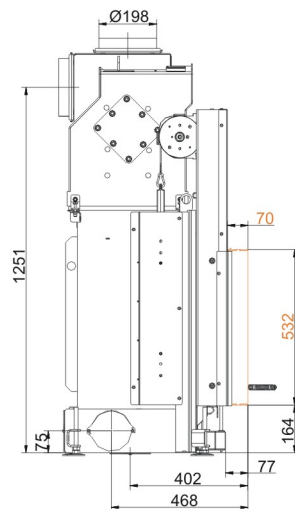
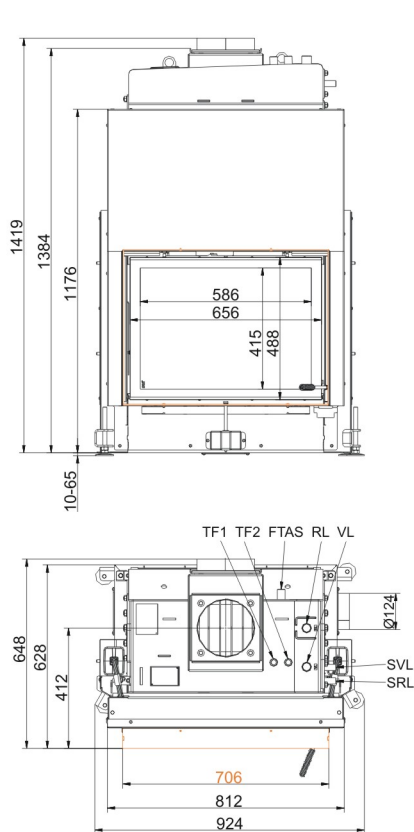
... side opening with door frame

Dimension sheets - Stil-Kamin 51/67 with top-mount boiler



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

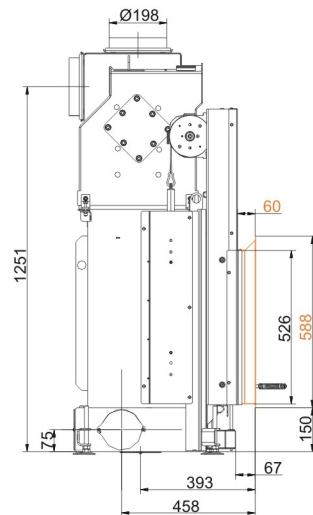
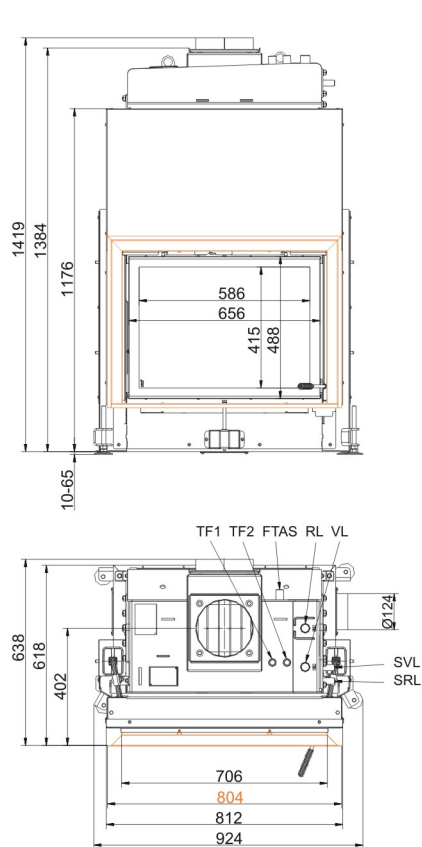
... lifting door with mounting frame 50 mm



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

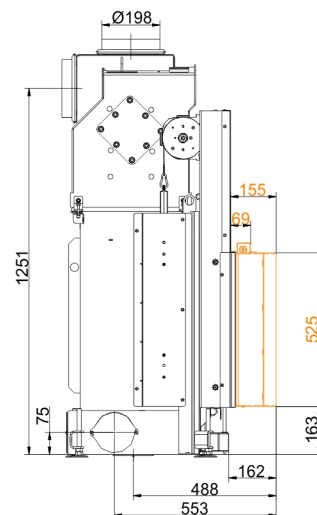
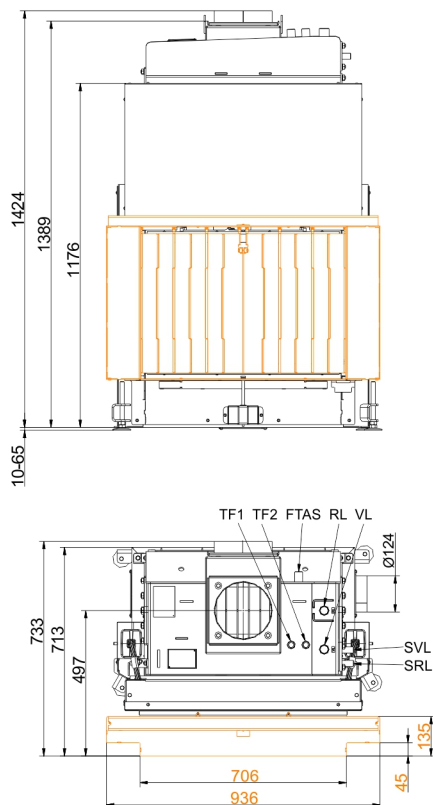
... lifting door with mounting frame 70 mm

Dimension sheets - Stil-Kamin 51/67 with top-mount boiler



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

... lifting door with door frame



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

... with heatSTOP®

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

Planning and installation - Stil-Kamin 51/67 with top-mount boiler

Tested according to		EN 13229 W	EN 13229 W
Values measured at		Rated capacity	practical avg.
EEl		117.4	117.4
Data for functional demonstration			
Rated heat power	kW	13.5	-
Fire wood volume	kg/h	3.9	5.1
Combustion performance	kW	15.6	20.5
Flue gas mass flow	g/s	10.9	25
Flue gas temperature after:			
boiler	°C	180	244
Necessary supply pressure	Pa	11	16
Combustion air consumption	m³/h	40	50
Combustion air connection Ø	mm	125	125
Heat distribution			
Insert / heat accumulator	%	15 - 20 / -	15 - 20 / -
Glass pane (single / double)	%	40 / 35	40 / 35
Boiler		45	45
Cross-section of gratings ¹⁾			
Convection air	cm²	300 / 200 / -	300 / 200 / -
Supply air	cm²	300 / 200 / -	300 / 200 / -
Minimal distances of the fireplace			
to insulation layer	cm	6	6
to mounting floor	cm	1	1
Thermal insulation without / with air gratings ²⁾			
Mounting wall	cm	10 / 8	10 / 8
Floor	cm	0 / 0	0 / 0
Ceiling	cm	10 / 8	10 / 8
Brick lining for combustible wall	cm	10	10
Water boiler data			
Max. operating pressure	bar	3	3
Max. flow temperature	°C	100	100
Water volume	liter	43	43
Connections flow / return	inches	1	1
Weight			
Fireplace / combustion chamber ³⁾	kg	(123 + 118) / 79	
Meets requirement/limit values for:			
Germany/ Austria / Suisse / Norway		1.BImSchV (Stufe 2) / 15a BVG (2015) / LRV / -	

1) for fireplace inserts / flue gas pipe / metallic reheating surface

2) Values determined with upper air sections; stove cladding is heat emitting.

3) Fireplace insert = body + top mounted exchanger