BRUNNER WATER BOILERS



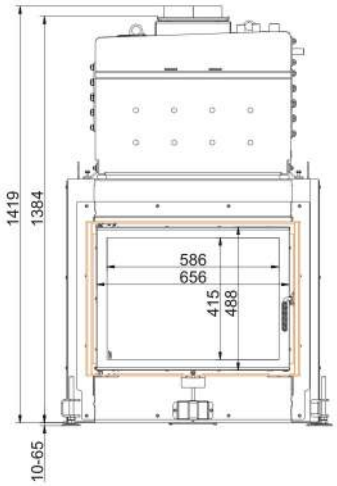
# Stil-Kamin 51/67 with top-mount boiler

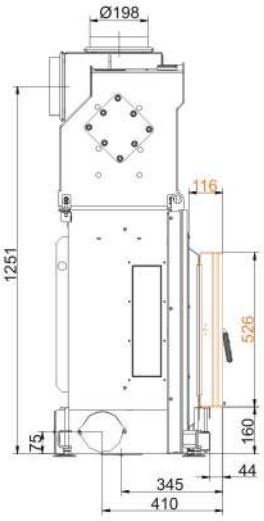
State: 2018-03-23

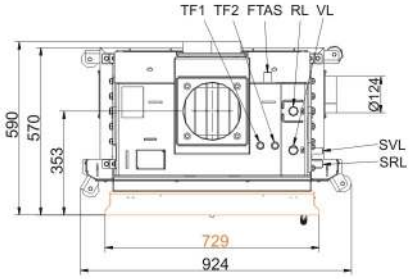



BRUNNER®
made in germany.

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

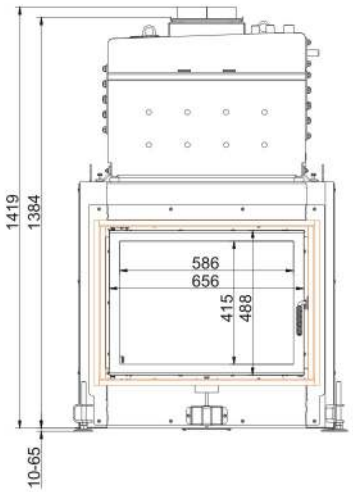


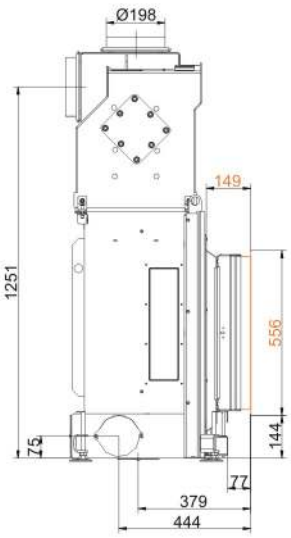



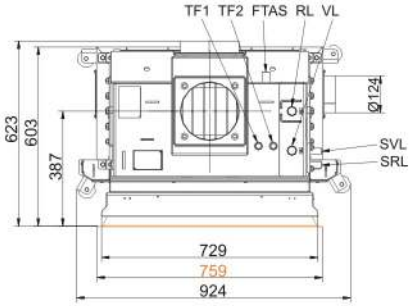




| | |
|---|---|
| VL | supply 1" |
| RL | return boiler 1" |
| E | drain 1/2" |
| SVL | supply cooling pipe outlet |
| SRL | return cooling pipe outlet 1/2" |
| FTAS | socket for thermal safety sensor |
| TF1 | socket 1/2" for sensor |
| TF2 | socket 1/2" for sensor |

**… side opening with mounting frame**



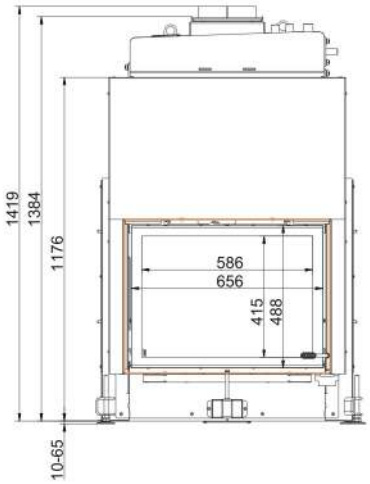



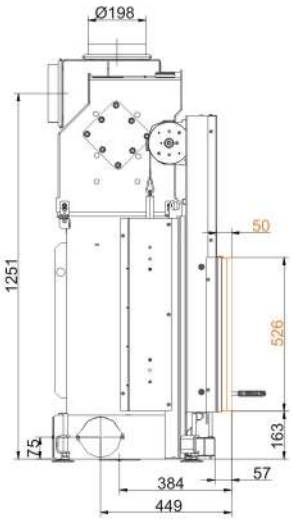

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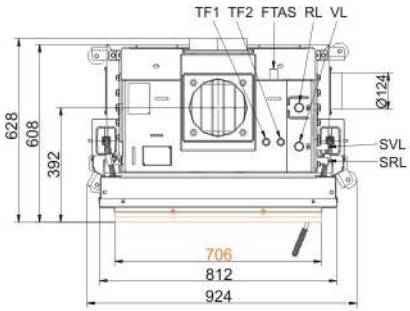
**… side opening with door frame**

State: 2018-03-23

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

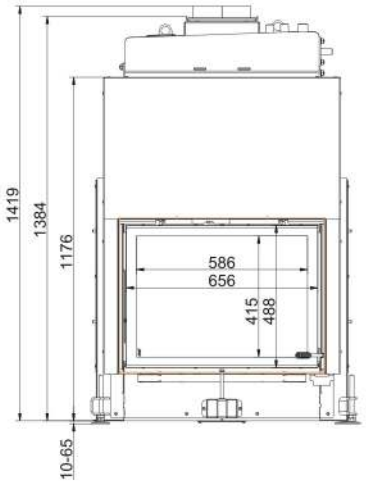


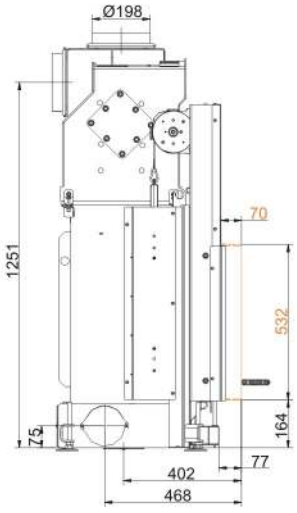



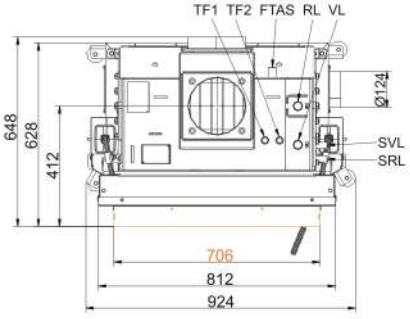




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**… lifting door with mounting frame 50 mm**



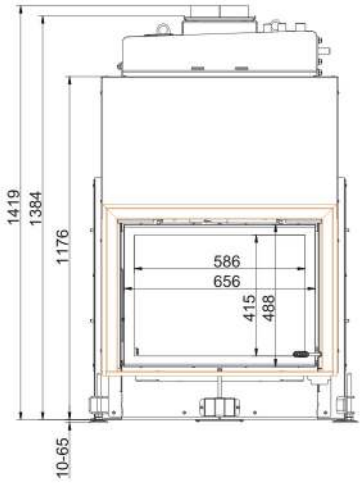



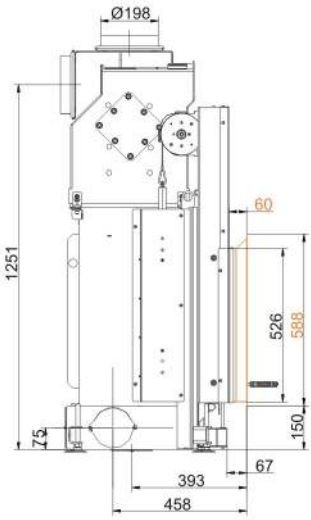

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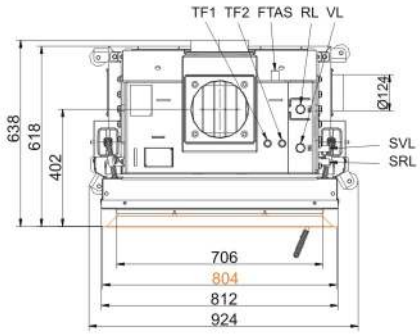
**… lifting door with mounting frame 70 mm**

State: 2018-03-23

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

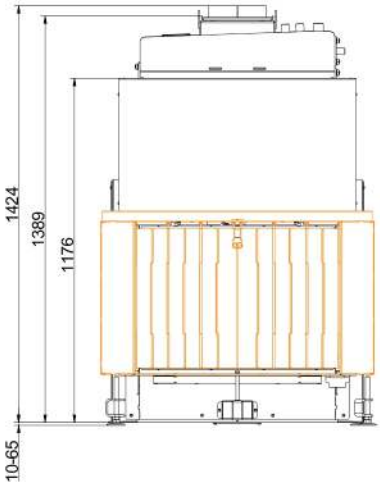


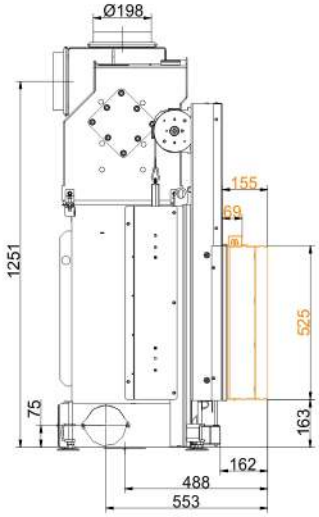



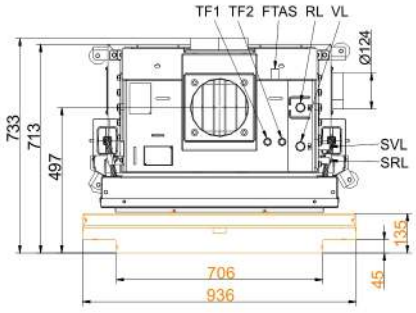




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**… lifting door with door frame**




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**… with heatSTOP®**

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

State: 2018-03-23

# 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. |
| EEI | | 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 | $m^3/h$ | 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 | $cm^2$ | 300 / 200 / - | 300 / 200 / - |
| Supply air | $cm^2$ | 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

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