



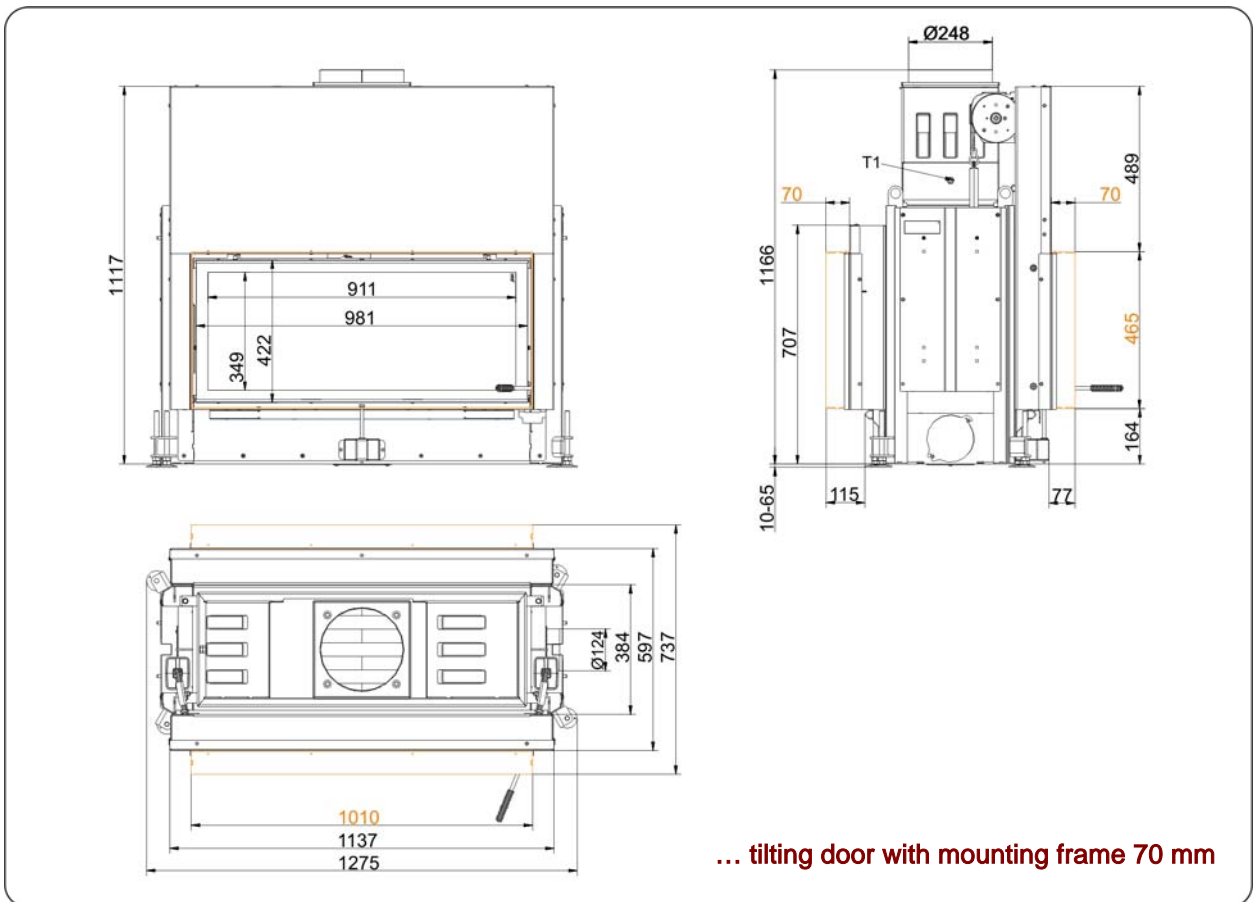
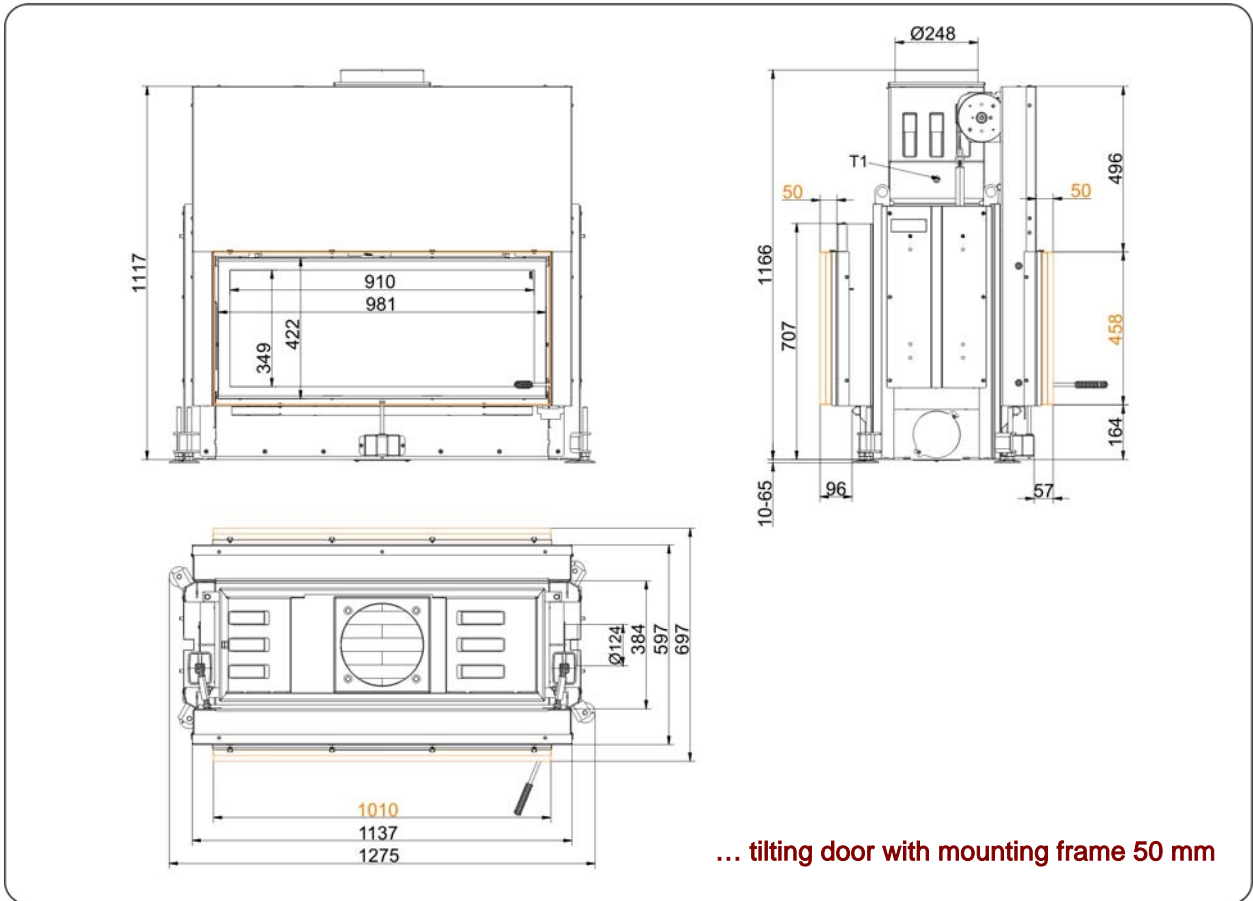
Architektur-Tunnel 45/101 lifting doors

State: 31.08.2012



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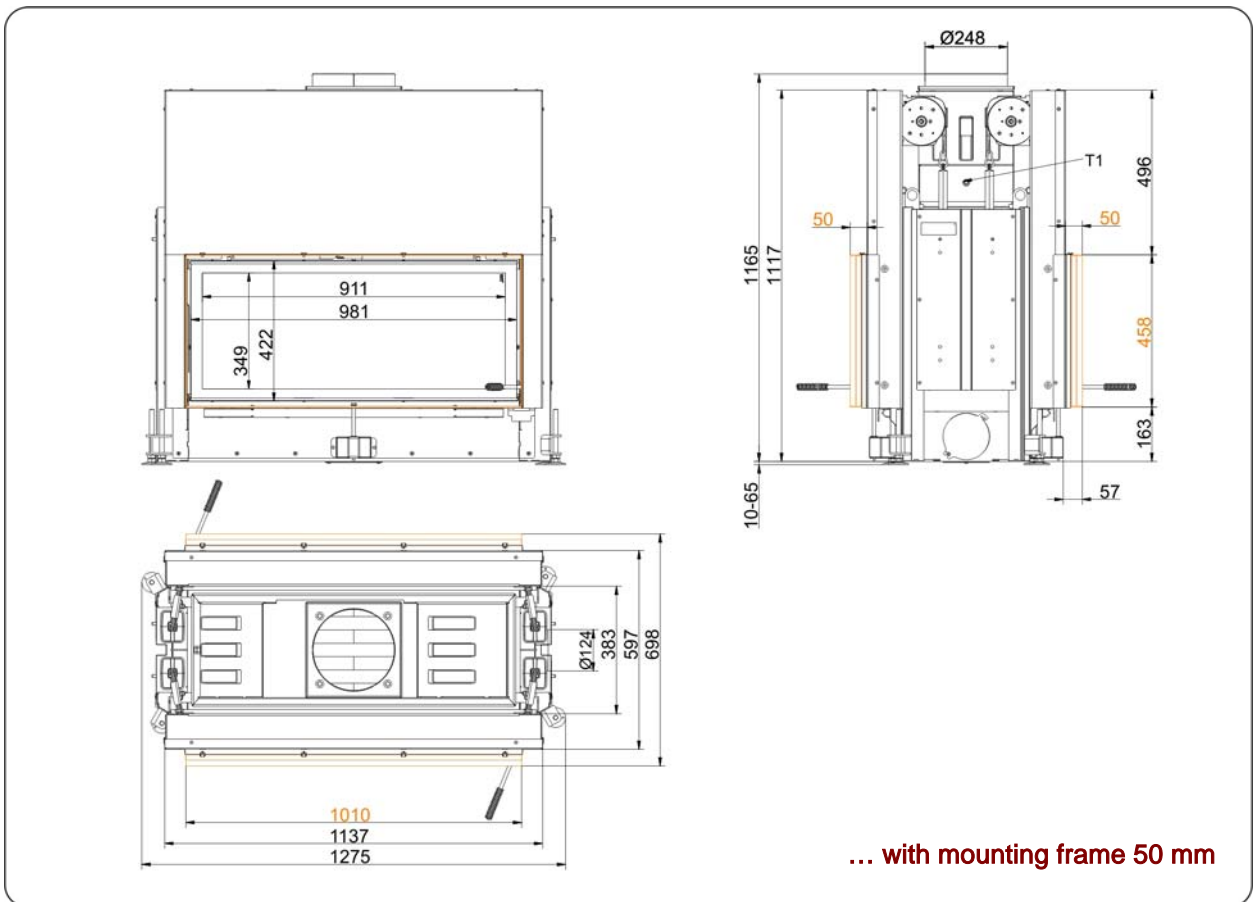
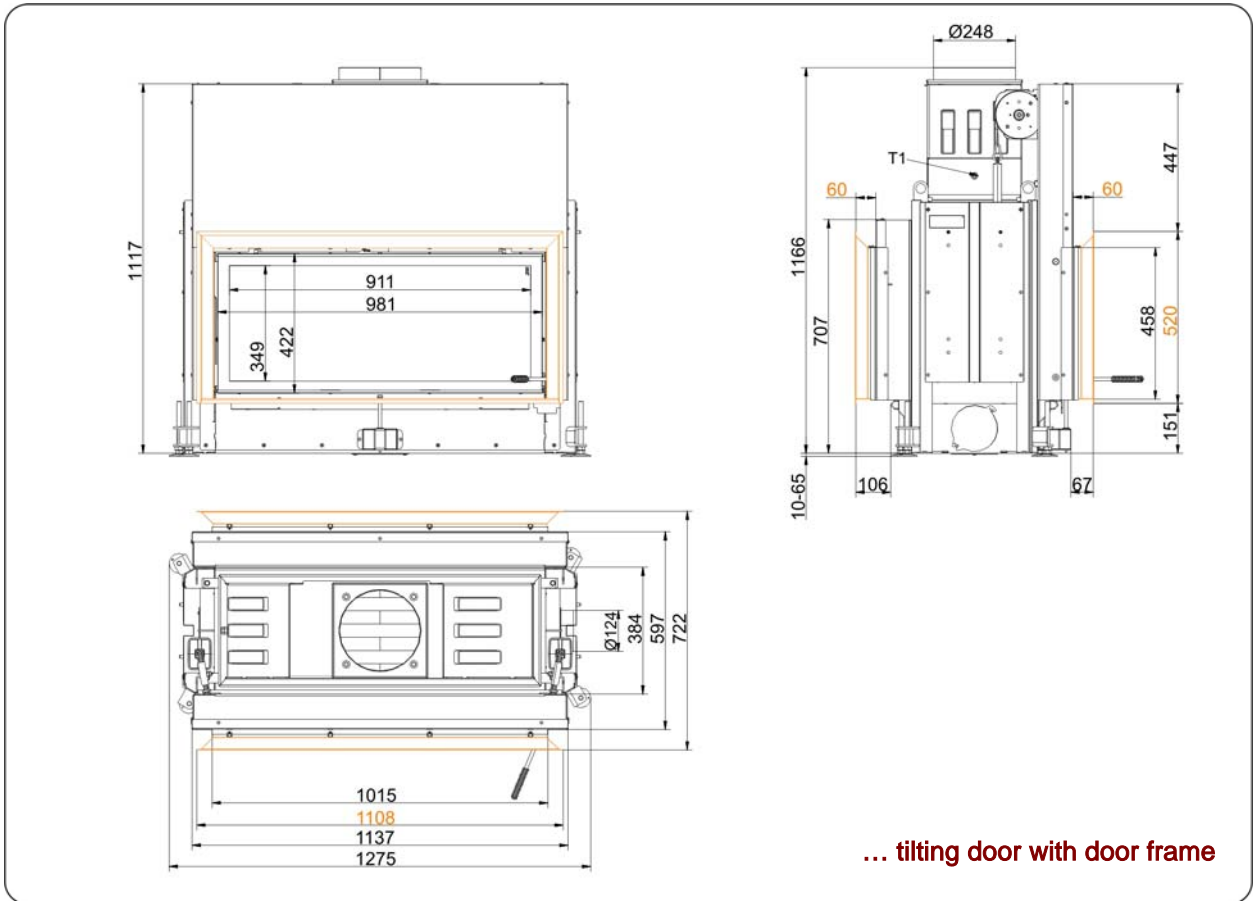
Dimension sheet | **Architektur-Tunnel 45/101 lifting doors**



We suggest for CAD planing Palette CAD. Permanent updated drawings: www.brunner.de

Frames / front versions are marked colored. Smoke pipe adapter fixed on the side is available against surcharge.

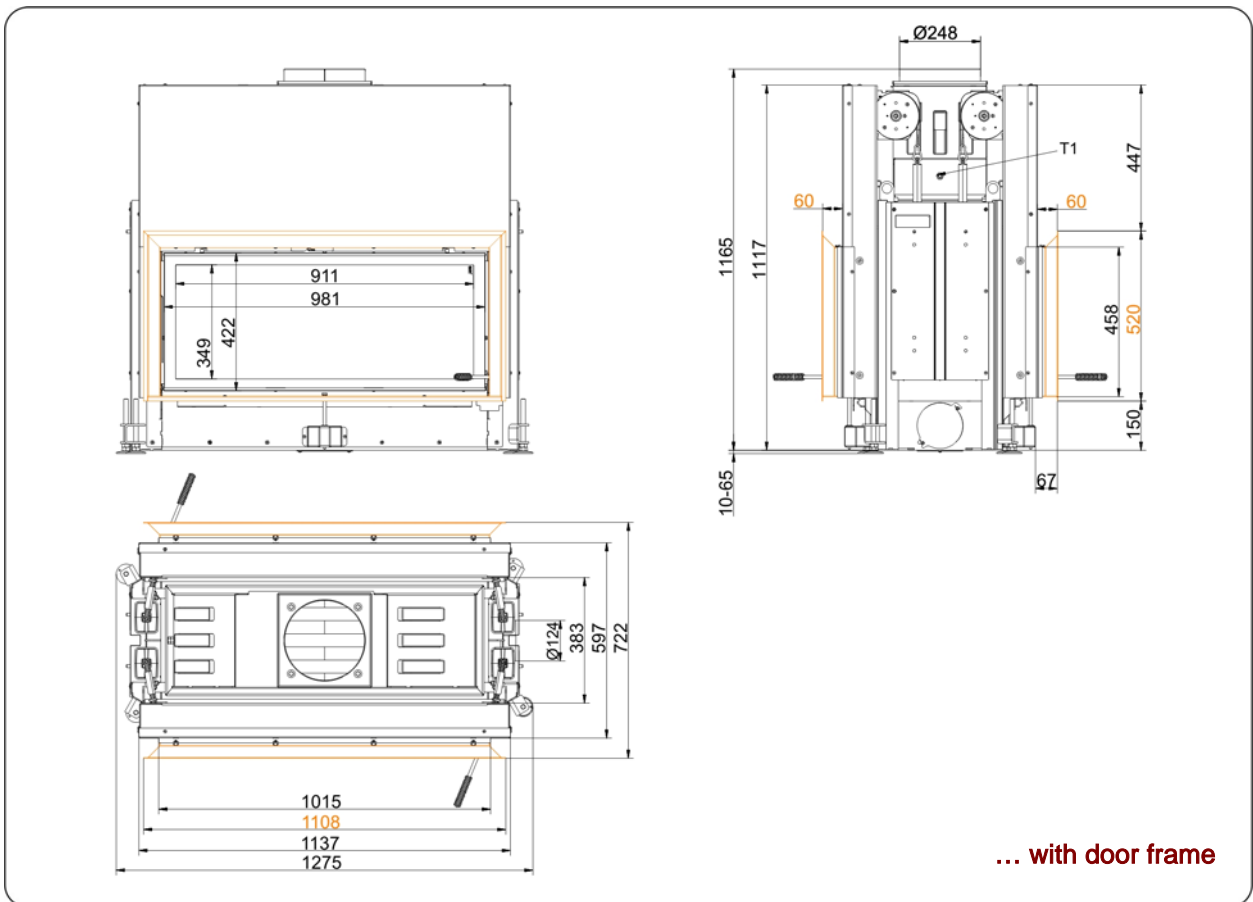
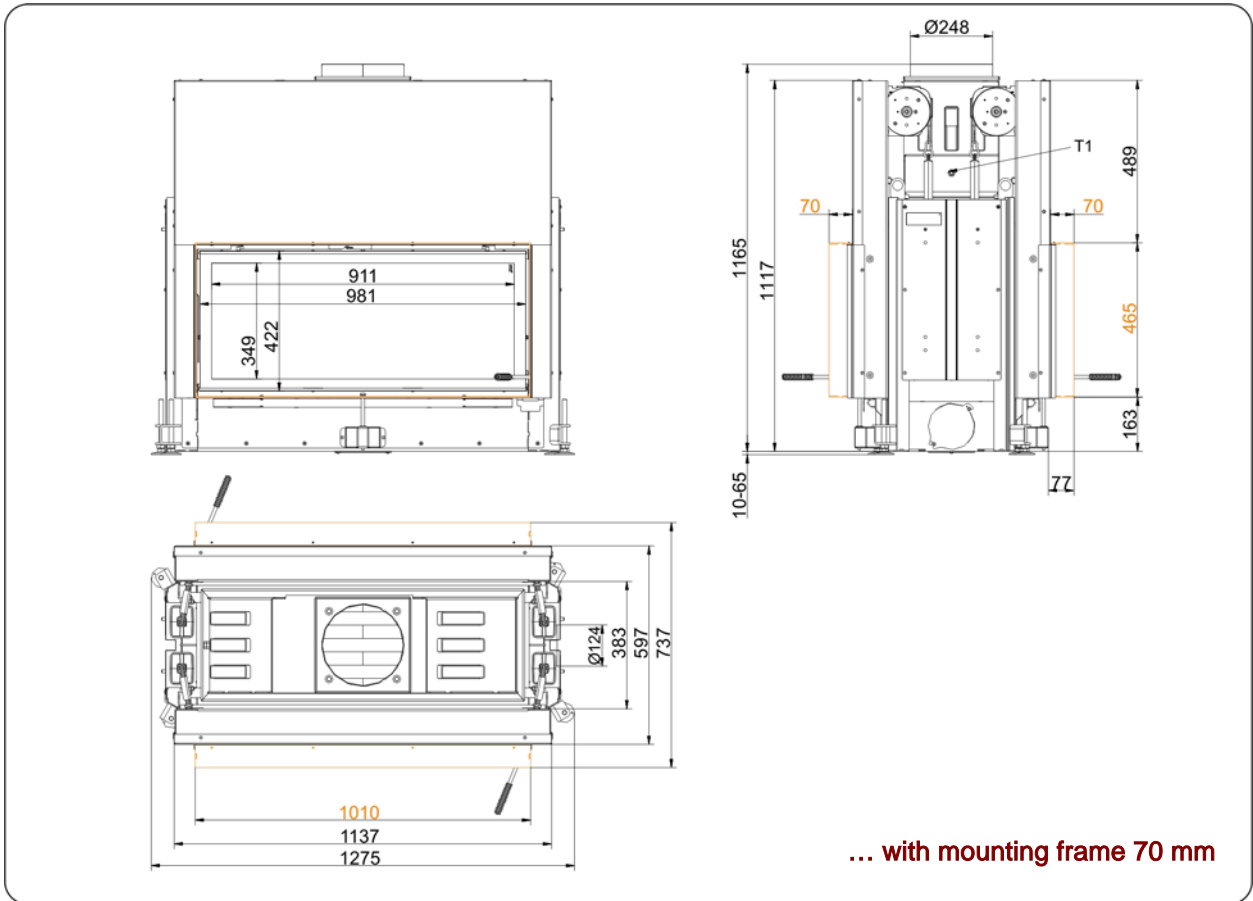
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Planning and installation

Architektur-Tunnel 45/101

| Tested according to | EN 13229 W | EN 13229 W |
|--|---|-------------------------|
| Values measured at | nominal load | open door ⁴⁾ |
| Suitable for all construction types according to rules | OK | OK |
| Data for functional demonstration | | |
| Rated heat power | kW 14 | - |
| Firewood consumption | kg/h 4,3 | 4,3 |
| Combustion performance | kW 18 | 18 |
| Flue gas mass flow | g/s 16 | 80 |
| Outlet temperature (before heating surface) | °C - | - |
| Flue gas temperature after | | |
| attached steel smoke hood | °C 205 | 130 |
| adjoining cast iron radiator (GNF10) | °C - | - |
| accumulation rings (MAS) ¹⁾ | °C - | - |
| adjoining ceramic accumulator ²⁾ | °C - | - |
| ceramic modular accumulator (KMS system) | °C - | - |
| water boiler | °C - | - |
| Necessary supply pressure | Pa 12 | 6 |
| Combustion air consumption | m ³ /h 40 | 210 |
| Combustion air connection Ø | mm 125 | - |
| Heat distribution | | |
| Insert / heating surface | % 50 / - | - / - |
| Glass (single / double) | % 50 / - | - / - |
| Boiler | % - | - |
| Cross-section of gratings for max. warm air power | | |
| Supply air | cm ² 900 | 0 |
| Warm air | cm ² 900 | 0 |
| Minimal oven surface for closed construction type | | |
| Surface giving off heat | m ² 4,8 | - |
| Space inside oven chamber | | |
| Distance to oven chamber wall | cm 8 | 8 |
| Distance to floor | cm - | - |
| Heat insulation without / with ³⁾ air gratings | | |
| Wall | cm 18 / 12 | 18 / 12 |
| Floor | cm 4 / 2 | 4 / 2 |
| Ceiling | cm 25 / 18 | 25 / 18 |
| Insulation of additional fire door DHT | cm - | - |
| Brick lining of protected walls | cm 10 | 10 |
| Weight | | |
| Fireplace + burning chamber ⁵⁾ | kg | 271 + 39 + 66 |
| meets requirement limit values for | | |
| Germany / Austria / Switzerland / Norway | 1.BImSchV (Stufe 1) / 15a BVG / LRV / - | |

- 1) Throttle flap recommended
- 2) Approximate value, must be calculated eventually
- 3) Values with air gratings, stove casing is heat conducting
- 4) limited to one side opening
- 5) heater = body + mounted exchanger

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