



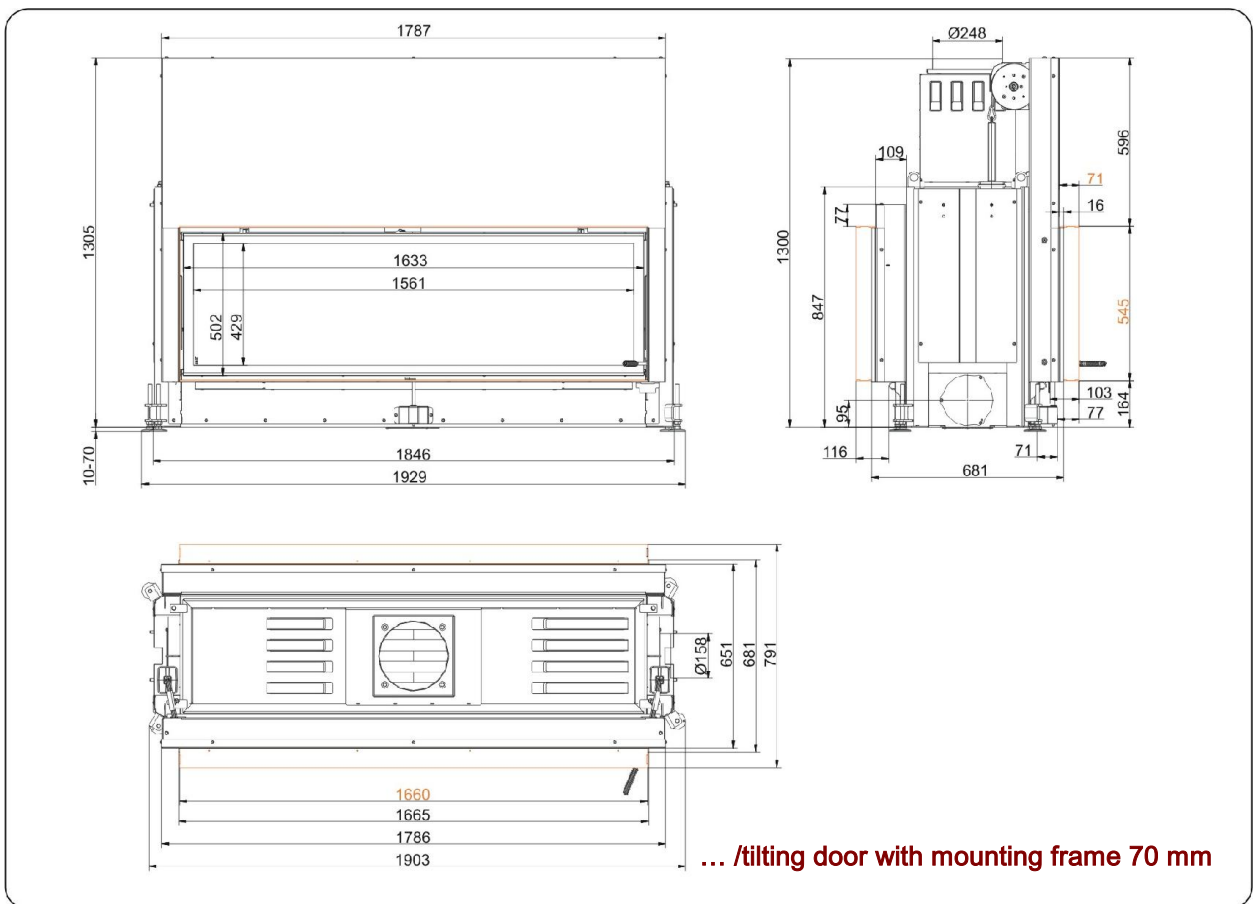
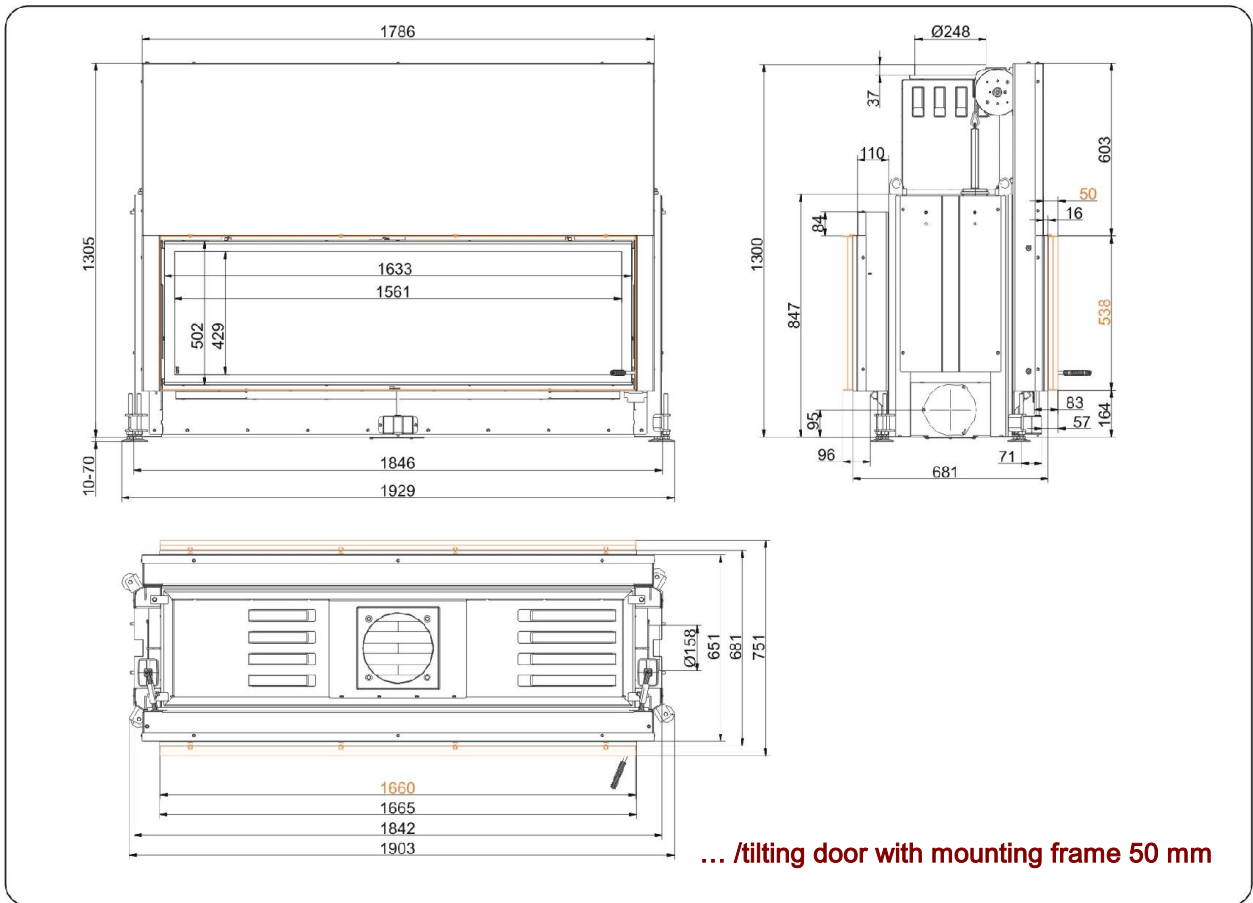
Architektur-Tunnel 53/166 lifting doors (easy-lift)

State: 12.02.2015



BRUNNER[®]
made in germany

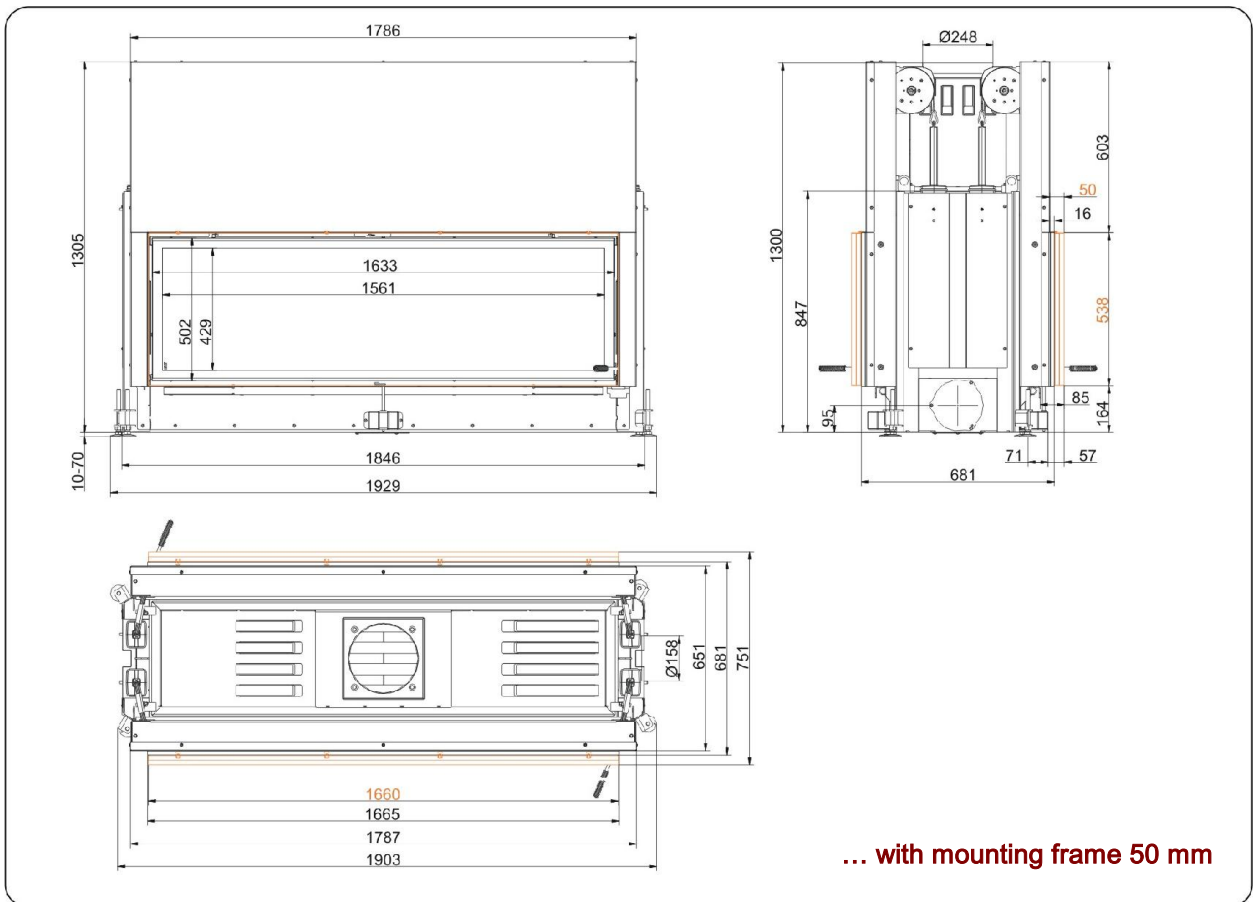
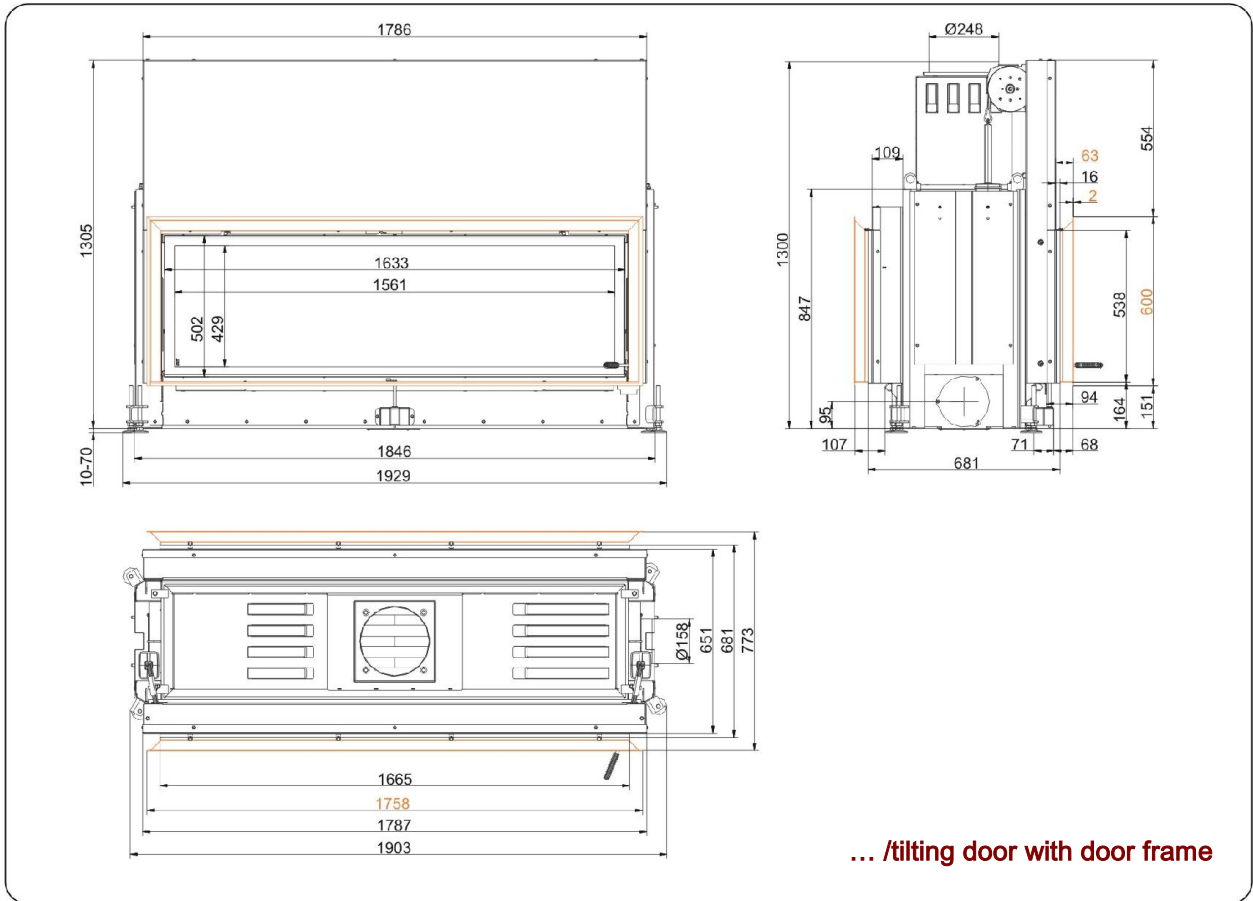
Dimension sheet | **Architektur-Tunnel 53/166 lifting doors (easy-lift)**



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.

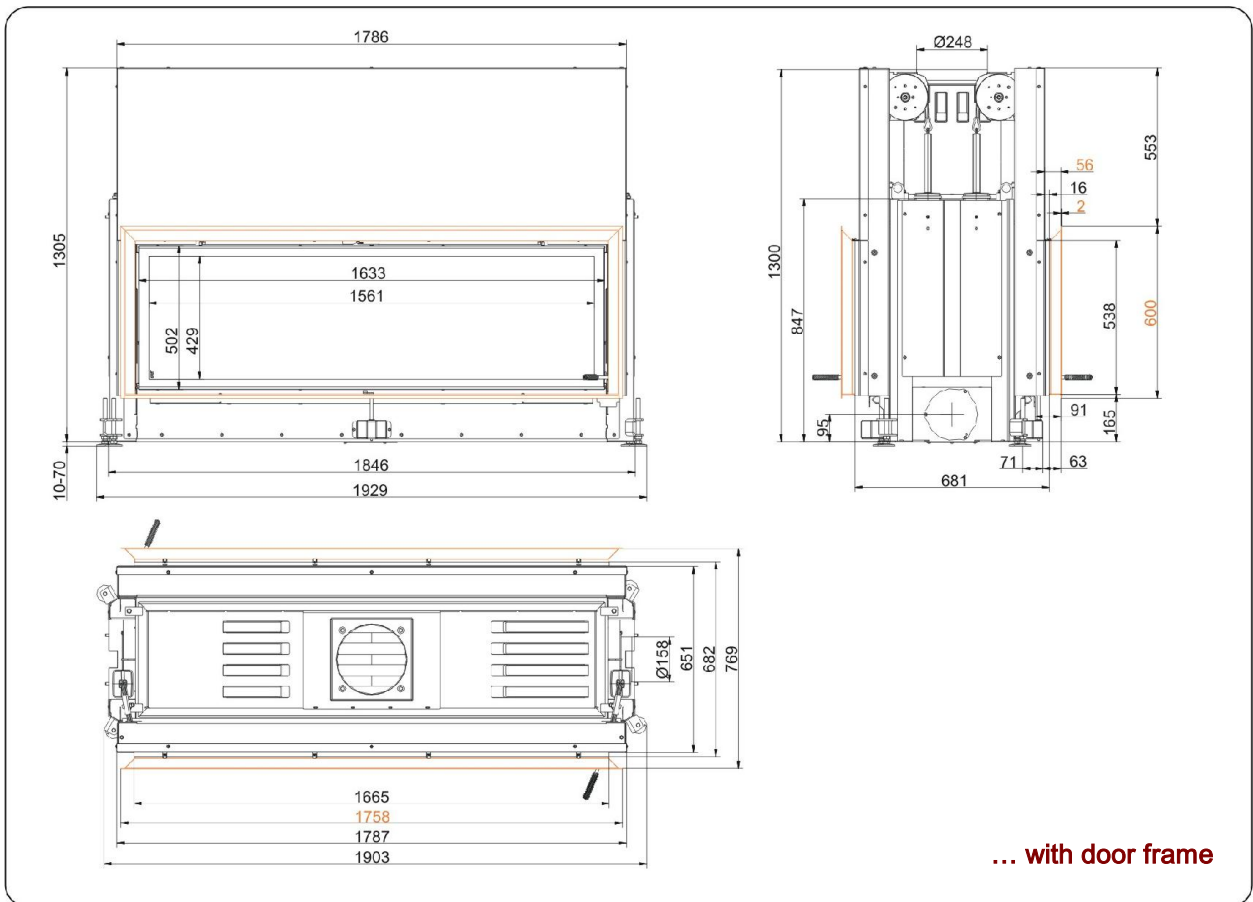
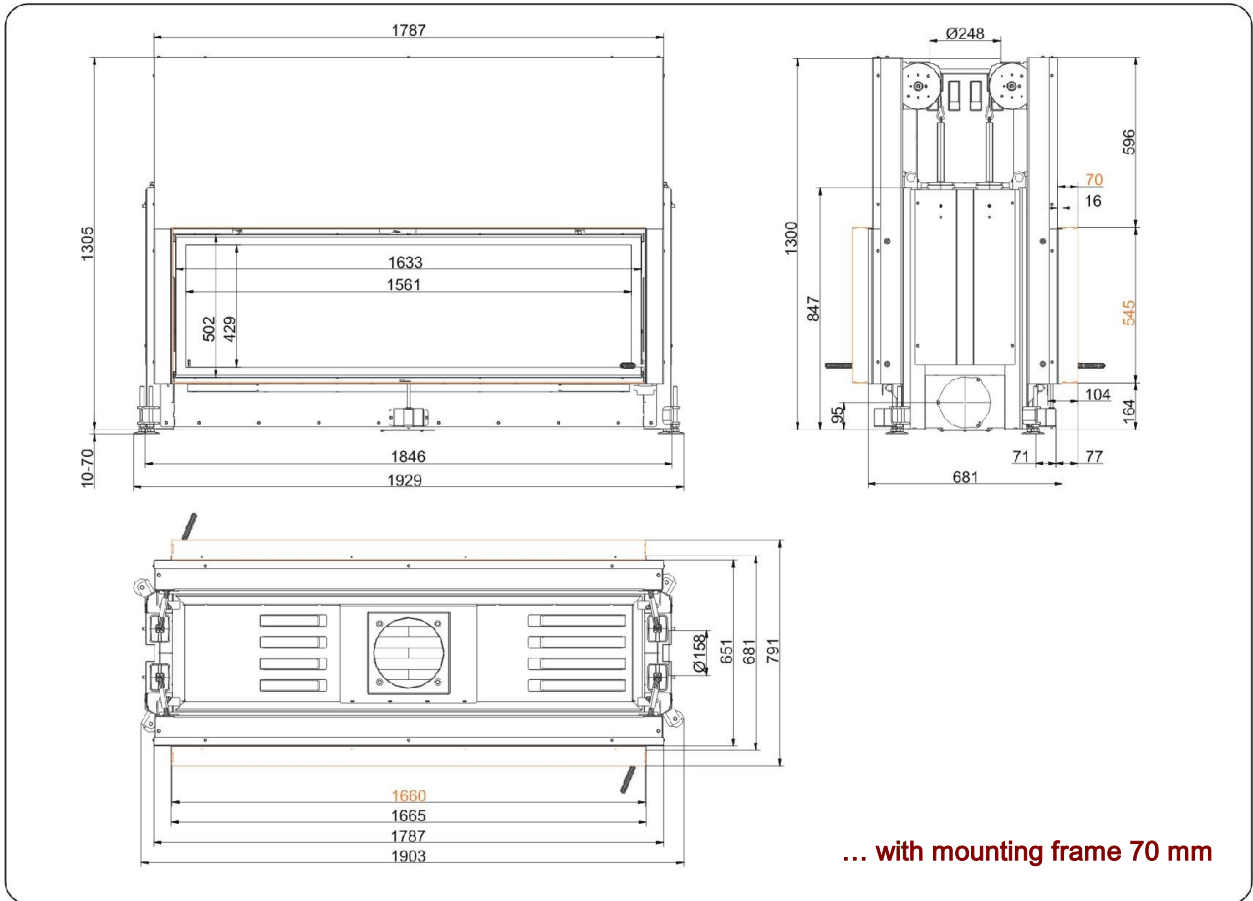
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Planning and installation

Architektur-Tunnel 53/166

Tested according to		EN 13229 W
Values measured at		accumulation
Suitable for all construction types according to rules		OK
Data for functional demonstration		
Rated heat power	kW	17
Firewood consumption	kg/h	4,3
Combustion performance	kW	21
Flue gas mass flow	g/s	14,5
Outlet temperature (before heating surface)	°C	-
Flue gas temperature after		
attached steel smoke hood	°C	225
adjoining cast iron radiator (GNF10)	°C	-
accumulation rings (MAS) ¹⁾	°C	-
adjoining ceramic accumulator ²⁾	°C	-
accumulation stones (MSS)	°C	-
water boiler	°C	-
Necessary supply pressure	Pa	13
Combustion air consumption	m ³ /h	50
Combustion air connection Ø	mm	160
Heat distribution		
Insert / heating surface	%	50 / -
Glass (single / double)	%	50 / -
Boiler	%	-
Vent cross-section ⁴⁾		
Supply air	cm ²	900 / 100 / -
Warm air	cm ²	900 / 100 / -
Minimal oven surface for closed construction type		
Surface giving off heat	m ²	
Space inside oven chamber		
Distance to oven chamber wall	cm	8
Distance to floor	cm	-
Heat insulation without / with ³⁾ air gratings		
Wall	cm	16 / 12
Floor	cm	4 / 2
Ceiling	cm	25 / 18
Insulation of additional fire door DHT	cm	-
Brick lining of protected walls	cm	10
Weight		
Fireplace + burning chamber	kg	441 + 100
meets requirement limit values for		
Germany / Austria / Switzerland / Norway		1.BImSchV (Stufe 2) / 15a BVG (2015) / LRV / -

1) Throttle flap recommended

2) Approximate value, must be calculated eventually

3) Values with air gratings, stove casing is heat conducting

4) for firebox / flue gas pipe / metallic reheating surface

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