



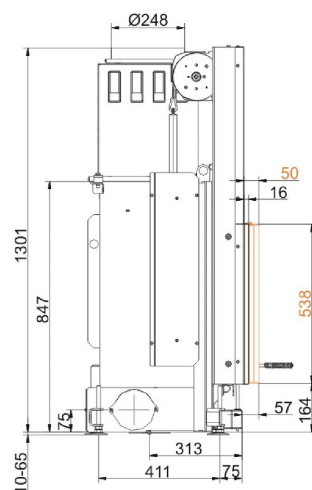
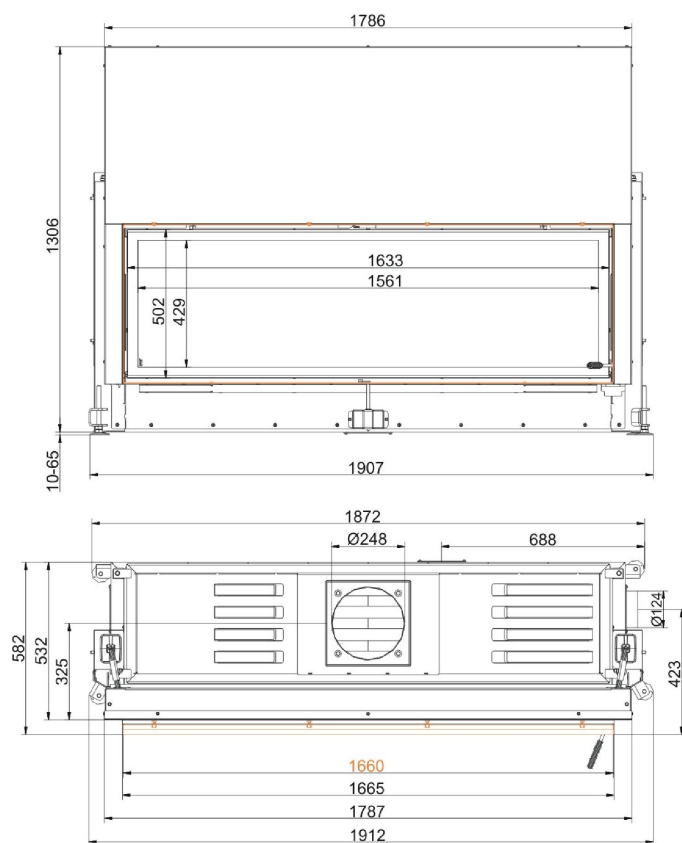
Architektur 53/166 lifting doors (easy-lift)

State: 19.09.2016

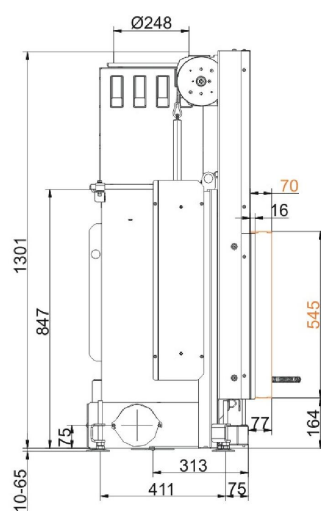
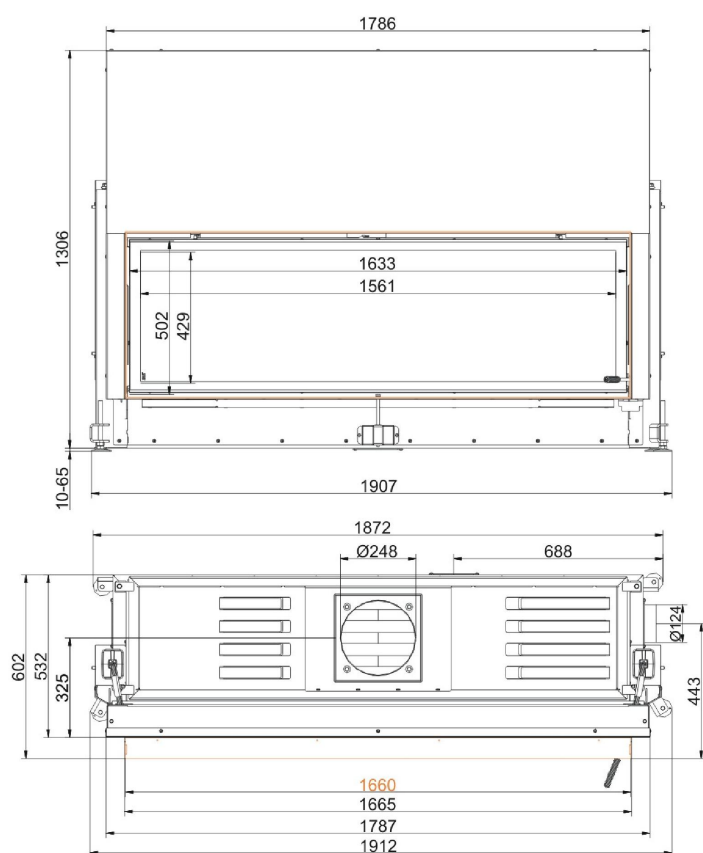


BRUNNER[®]
made in germany

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

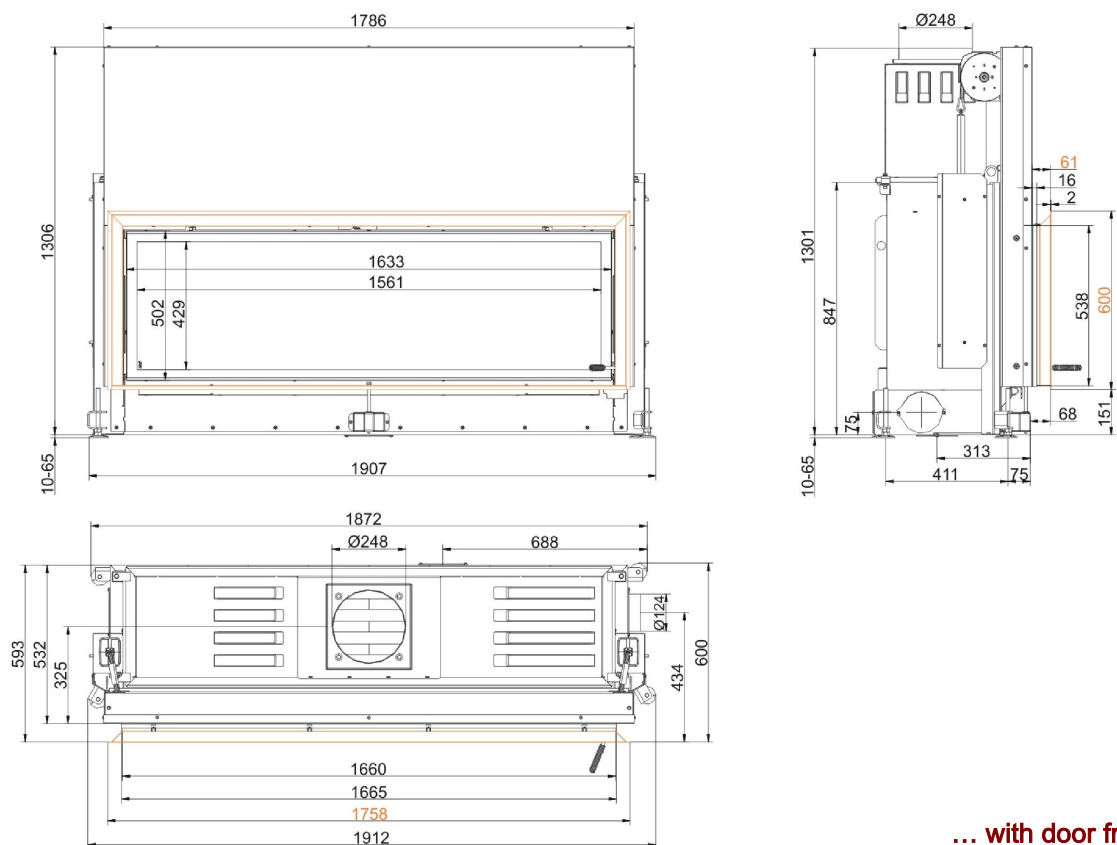


... with mounting frame 50 mm



... with mounting frame 70 mm

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



... with door frame

Planning and installation

Architektur 53/166

Tested according to	EN 13229 W	EN 13229 W
Values measured at	rated heat power	open door
Suitable for all construction types according to rules	OK	OK
Data for functional demonstration		
Rated heat power	kW	17,0
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	230
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	m³/h	50
Combustion air connection Ø	mm	125
Heat distribution		
Insert / heating surface	%	60 / -
Glass (single / double)	%	40 / -
Boiler	%	-
Vent cross-section ⁴⁾		
Supply air	cm²	900 / 100 / -
Warm air	cm²	900 / 100 / -
Minimal oven surface for closed construction type		
Surface giving off heat	m²	7,5
Space inside oven chamber		
Distance to oven chamber wall	cm	8
Distance to floor	cm	2
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	382 + 150
meets requirement limit values for		
Germany / Austria / Switzerland / Norway	1.BImSchV (Stufe 2) / 15a BVG (2015) / LRV / NS 3059	

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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