

BRUNNER WATER BOILERS



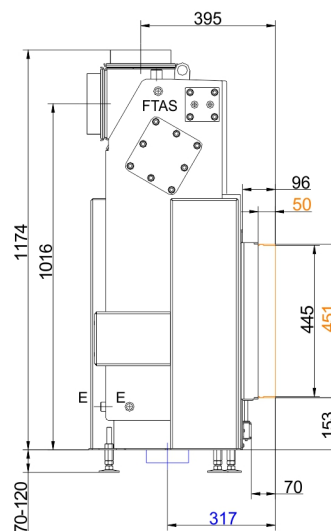
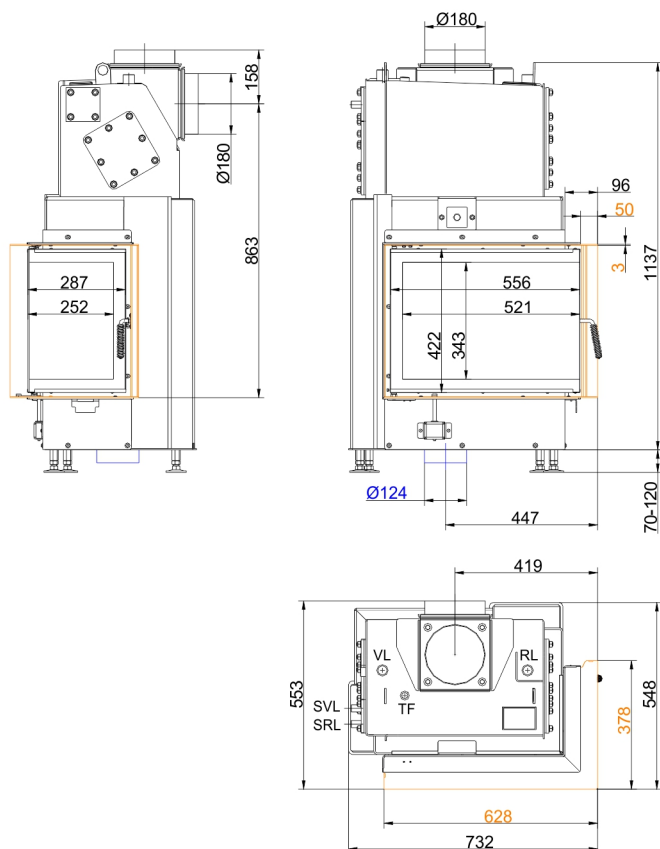
Kamin-Kessel Eck 42/57/30 side-opening door

State: 2018-04-30



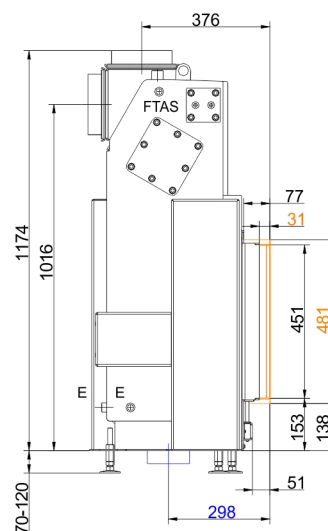
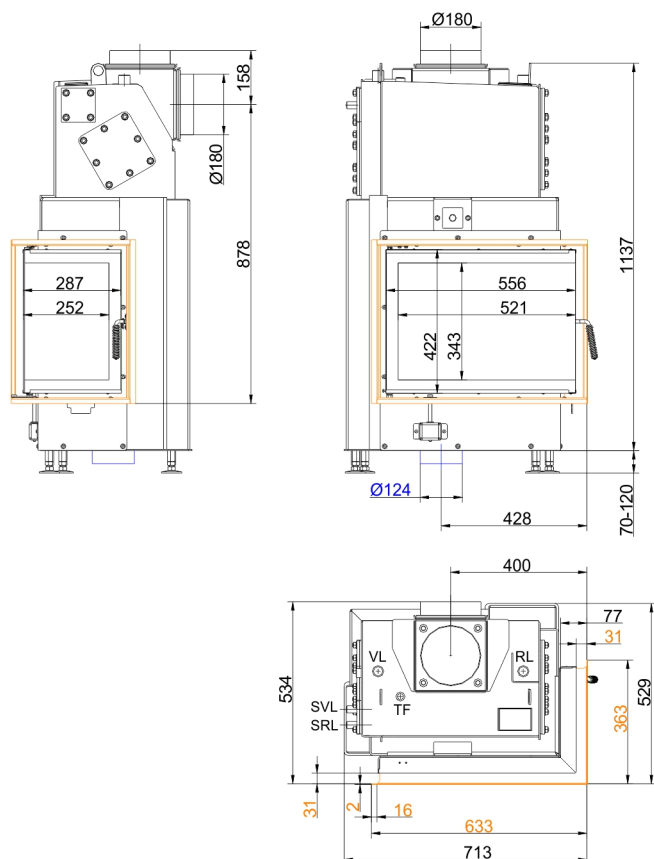
BRUNNER®
made in germany.

Dimension sheets - Kamin-Kessel Eck 42/57/30 side-opening door



- VL supply 1" ext. th.
 RL return boiler 1" ext. th.
 E drain 1/2" int. th.
 SVL supply cooling pipe outlet ext. th.
 SRL return cooling pipe outlet 1/2" ext. th.
 FTAS socket for thermal safety sensor int. th.
 TF socket 1/2" for sensor int. th.

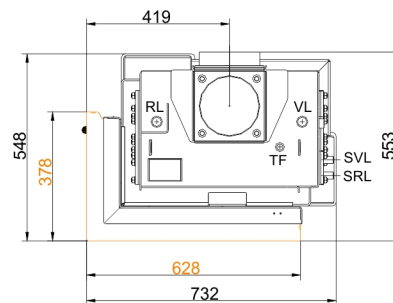
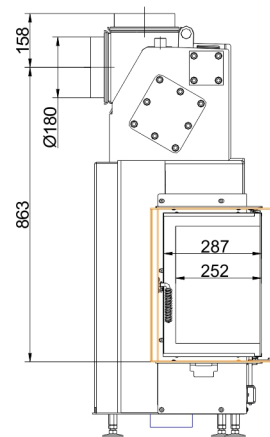
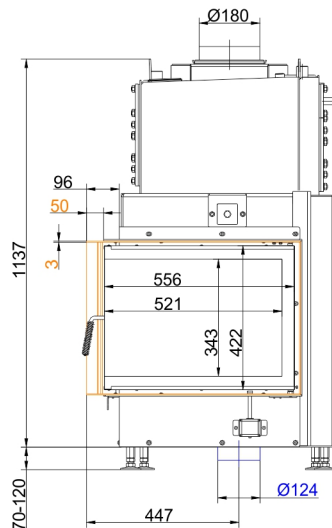
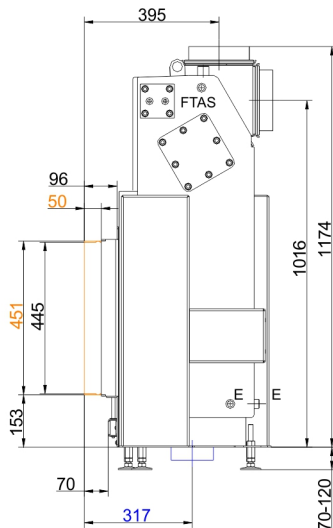
... right with mounting frame



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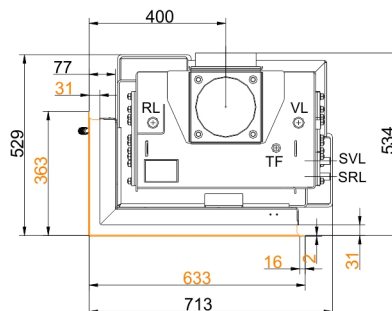
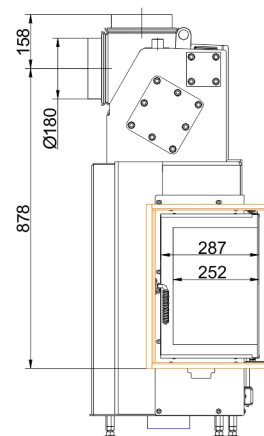
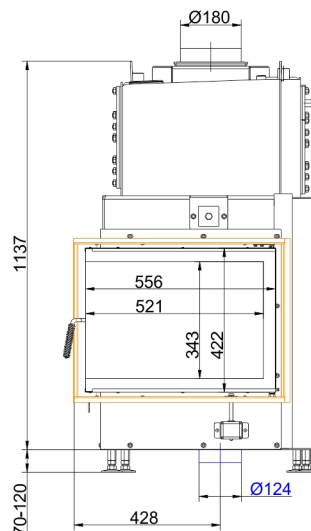
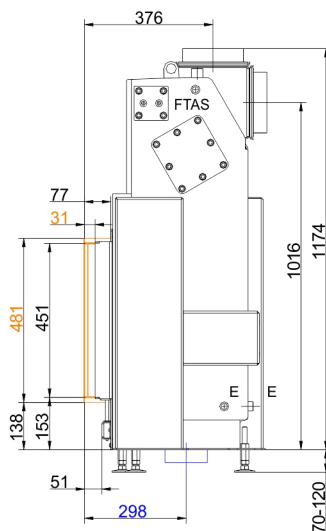
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We suggest for CAD planing Palette CAD. Permanent updated drawings: www.brunner.de
Frames / front versions are marked colored.

Planning and installation - Kamin-Kessel Eck 42/57/30 side-opening door

Tested according to		EN 13229 W	EN 13229 W
Values measured at		Rated capacity	practical avg.
EEI		109.9	109.9
Data for functional demonstration			
Rated heat power	kW	8	-
Fire wood volume	kg/h	2.5	5
Combustion performance	kW	10	19
Flue gas mass flow	g/s	9.5	18
Flue gas temperature after:			
boiler	°C	160	220
Necessary supply pressure	Pa	12	12
Combustion air consumption	m³/h	25	45
Combustion air connection Ø	mm	125	125
Heat distribution			
Insert / heat accumulator	%	10 / -	10 / -
Glass pane (single / double)	%	35 / -	35 / -
Boiler		55	55
Cross-section of gratings 1)			
Convection air	cm²	200 / 200 / -	200 / 200 / -
Supply air	cm²	200 / 200 / -	200 / 200 / -
Minimal distances of the fireplace			
to insulation layer	cm	6	6
to mounting floor	cm	2	2
Thermal insulation without / with air gratings 2)			
Mounting wall	cm	8	8
Floor	cm	0	0
Ceiling	cm	10	10
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	33	33
Connections flow / return	inches	1	1
Weight			
Fireplace / combustion chamber	kg	198 / 52	
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.