



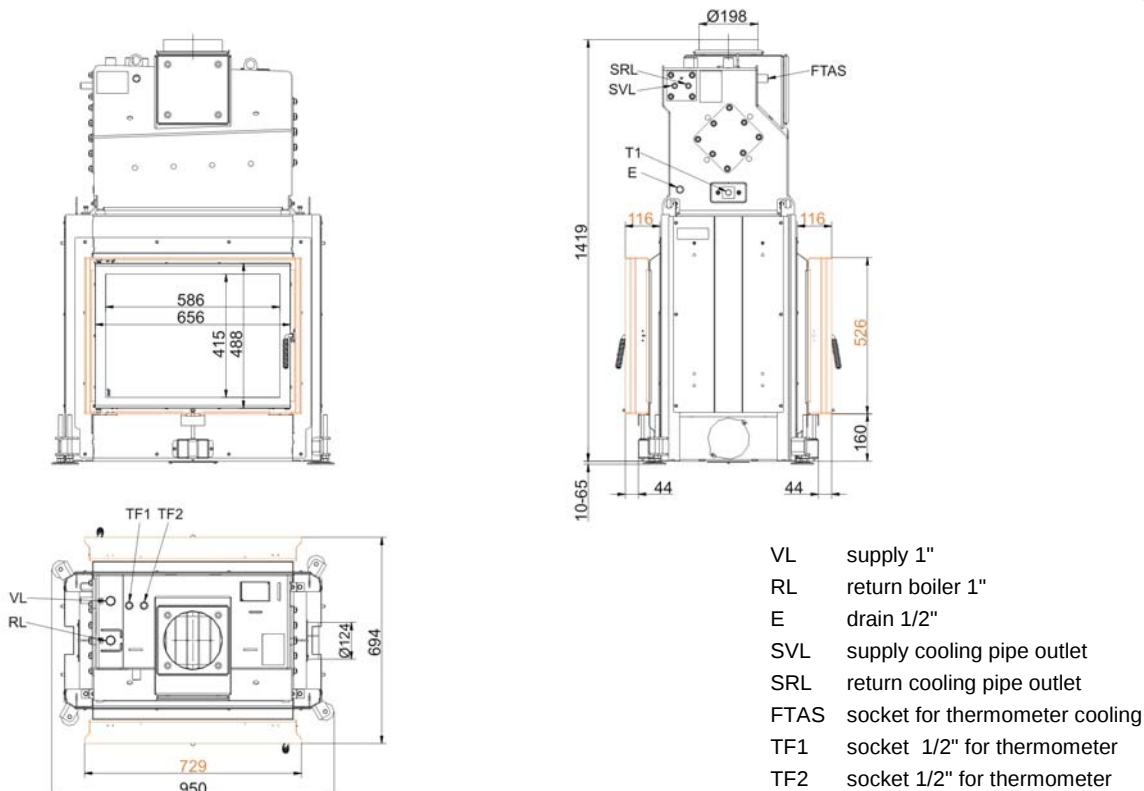
Stil-Tunnel 51/67 mit Kesselaufsatz

State: 24.02.2014

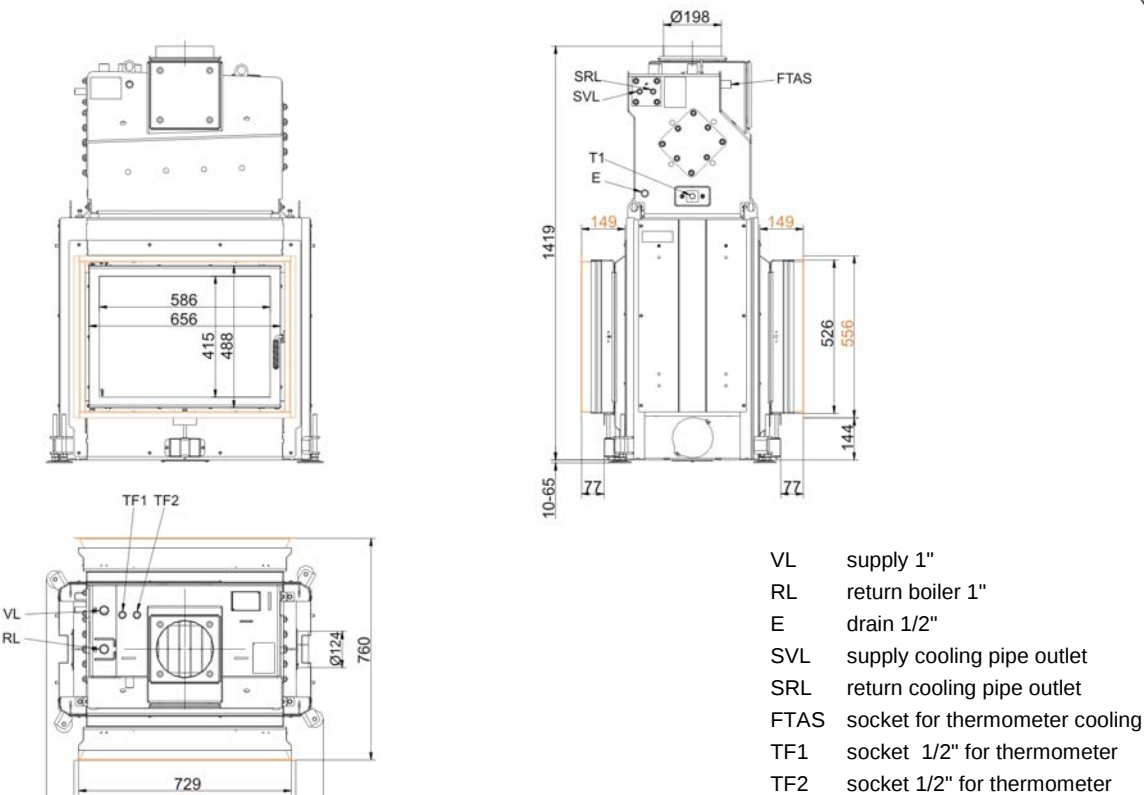


BRUNNER[®]
made in germany

Dimension sheet | **Stil-Tunnel 51/67 mit Kesselaufsatz**

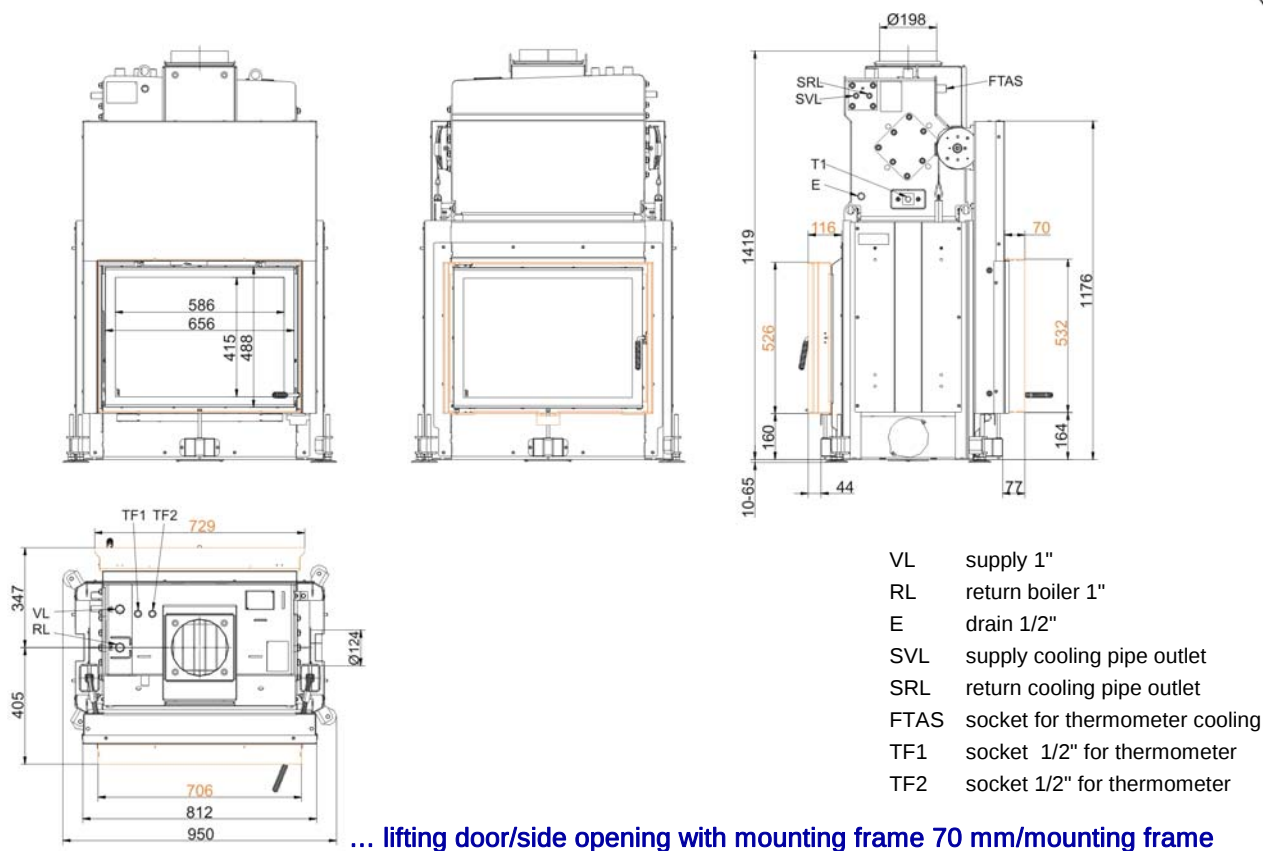
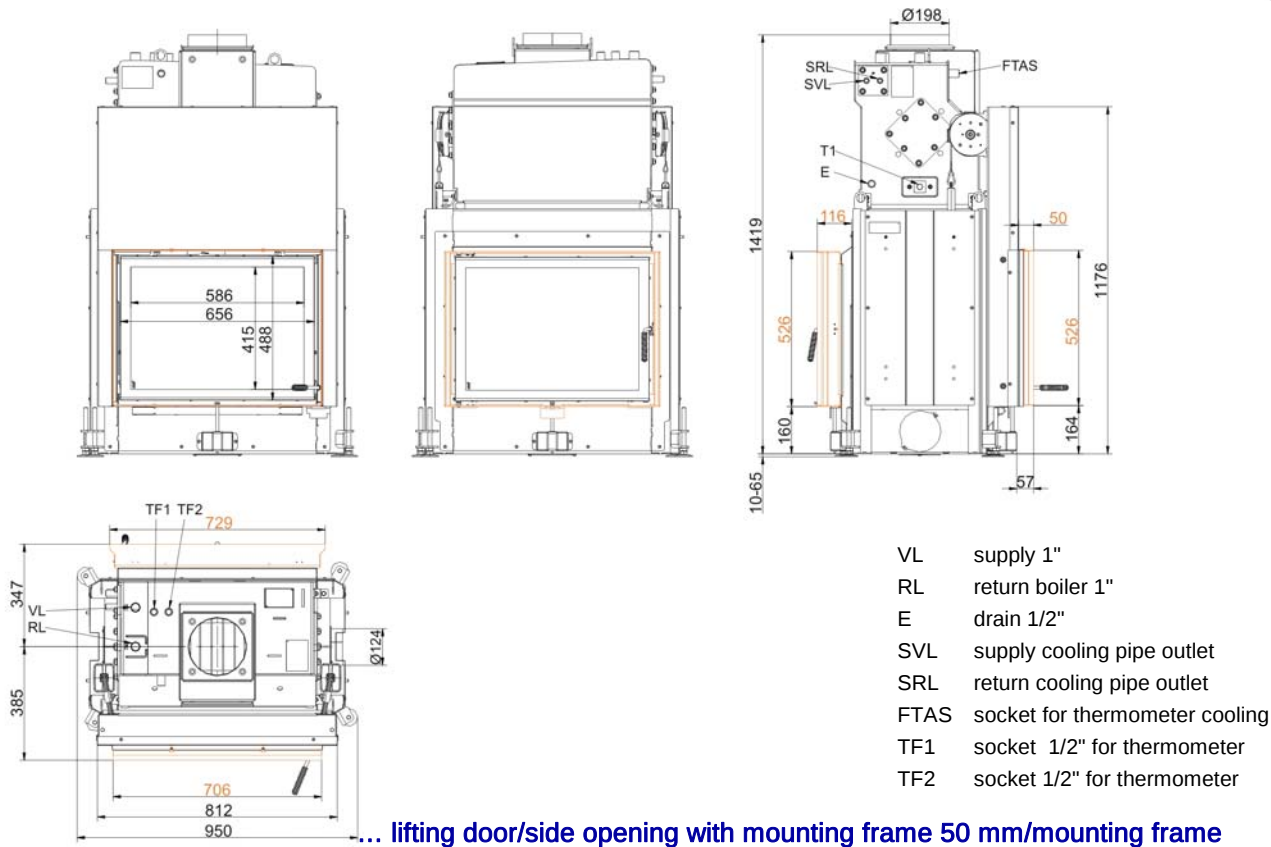


... side opening/side opening with mounting frame

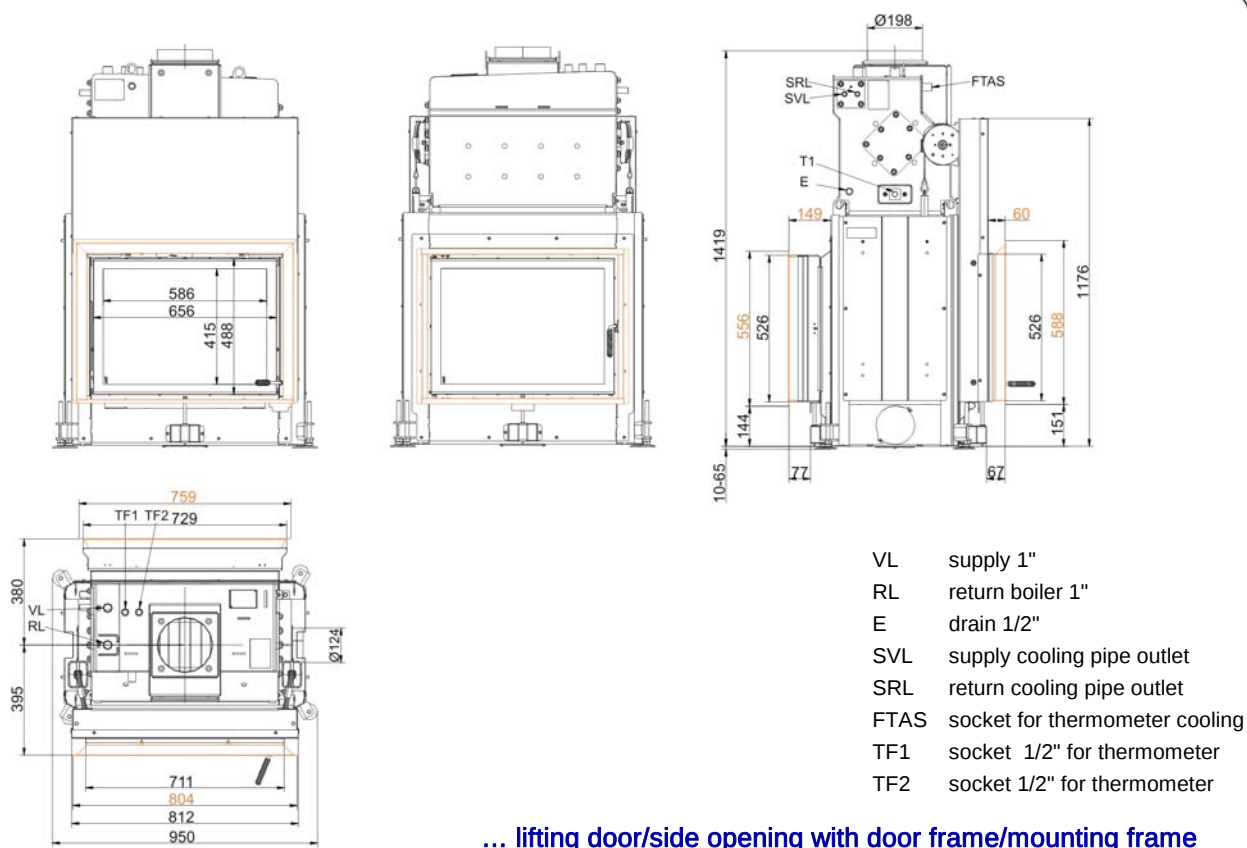


... side opening/side opening with door frame

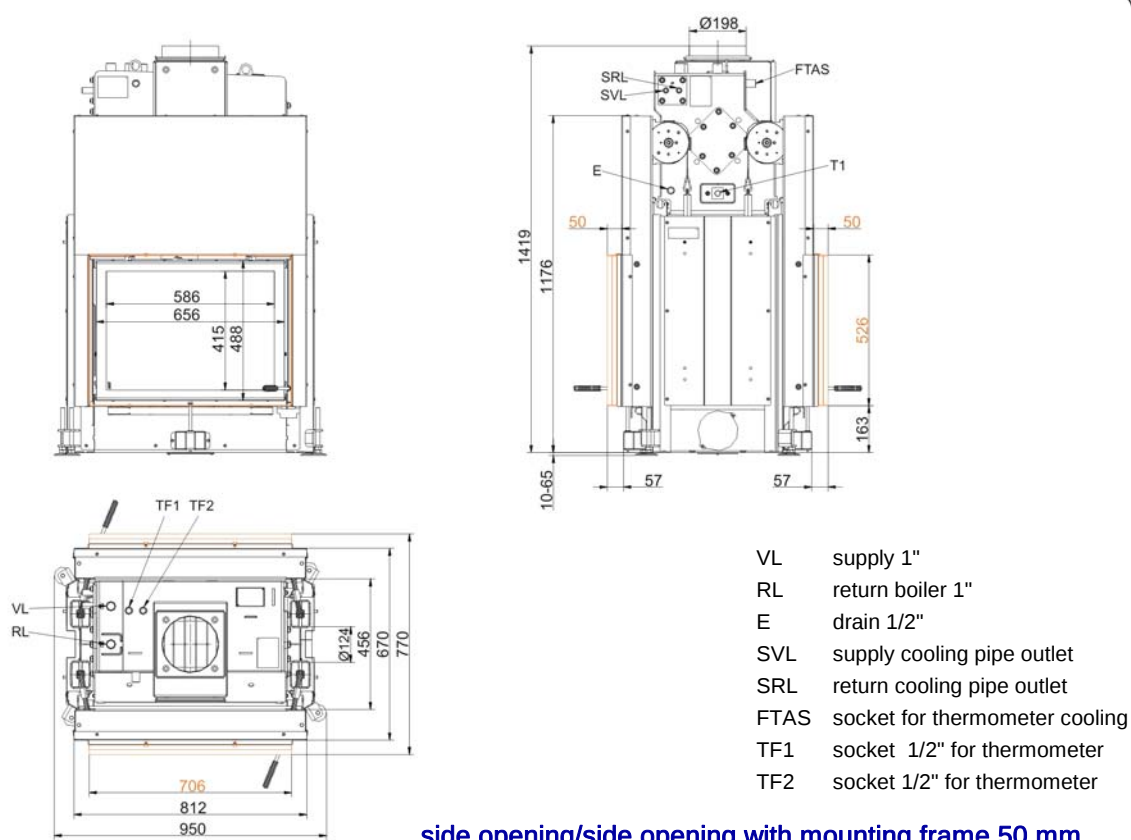
Dimension sheet | **Stil-Tunnel 51/67 mit Kesselaufsatz**



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



... lifting door/side opening with door frame/mounting frame



... side opening/side opening with mounting frame 50 mm



Planning and installation

Stil-Tunnel 51/67 mit Kesselaufsatz

Tested according to

EN 13229 W

EN 13229 W

Data for functional demonstration

Rated heat power	kW	14,5	-
Firewood consumption	kg/h	4,1	6,5
Combustion performance	kW	17	27
Flue gas mass flow	g/s	15	22
Outlet temperature (before heating surface)	°C	-	-
Flue gas temperature after			
attached steel smoke hood	°C	-	-
adjoining cast iron radiator (GNF10)	°C	-	-
accumulation rings (MAS) ¹⁾	°C	-	-
adjoining ceramic accumulator ²⁾	°C	-	-
accumulation stones (MSS) ²⁾	°C	-	-
water boiler	°C	210	250
Necessary supply pressure	Pa	12	15
Combustion air consumption	m³/h	40	80
Combustion air connection Ø	mm	125	125

Heat distribution

Insert / heating surface	%	15 / -	15 / -
Glass (single / double)	%	50 / 45	50 / 45
Boiler	%	35 - 40	35 - 40

Cross-section of gratings for max. warm air power

Supply air	cm²	500	500
Warm air	cm²	500	500

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	16 / 12	16 / 12
Floor	cm	2 / 2	2 / 2
Ceiling	cm	28 / 20	28 / 20
Brick lining of protected walls	cm	10	10

Water boiler data

max. operating pressure	bar	3	3
max. flow temperature	°C	100	100
Water volume	litres	43	43
Connections flow / return	inch	1	1

Weight

Fireplace + burning chamber	kg	239 + 118 + 67	
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meets requirement limit values for

Germany / Austria / Switzerland / Norway

1.BImSchV (Stufe 2) / 15a BVG / LRV / -

1) Throttle flap recommended

2) Approximate value, must be calculated eventually

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

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