



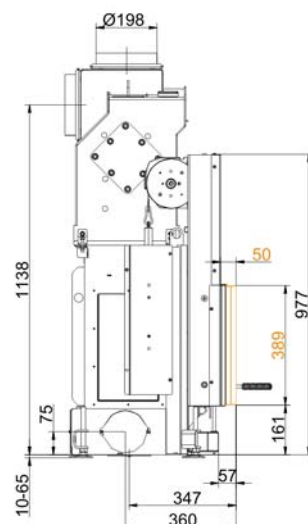
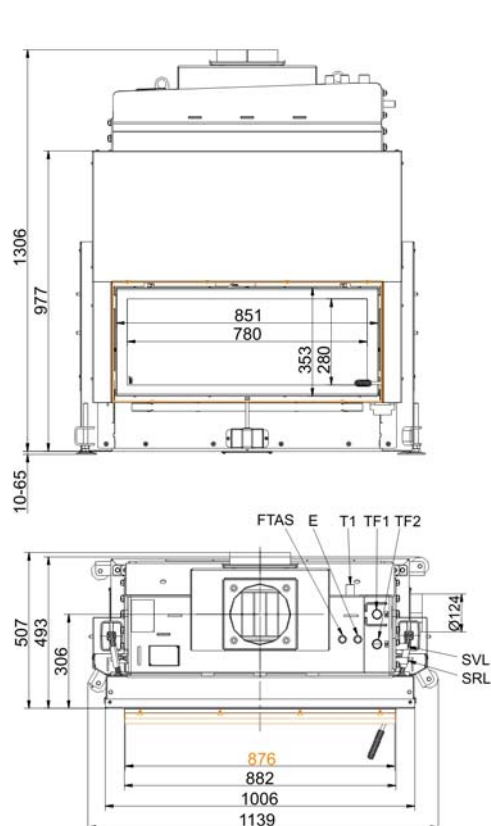
Architektur 38/86 mit Kesselaufsatz lifting doors (easy-lift)

State: 01.08.2013



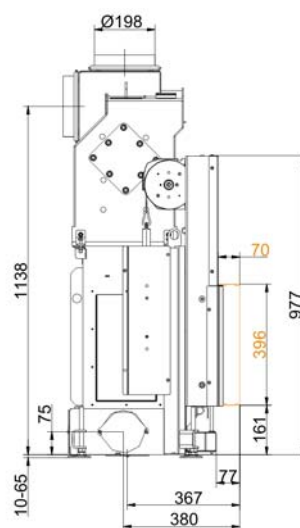
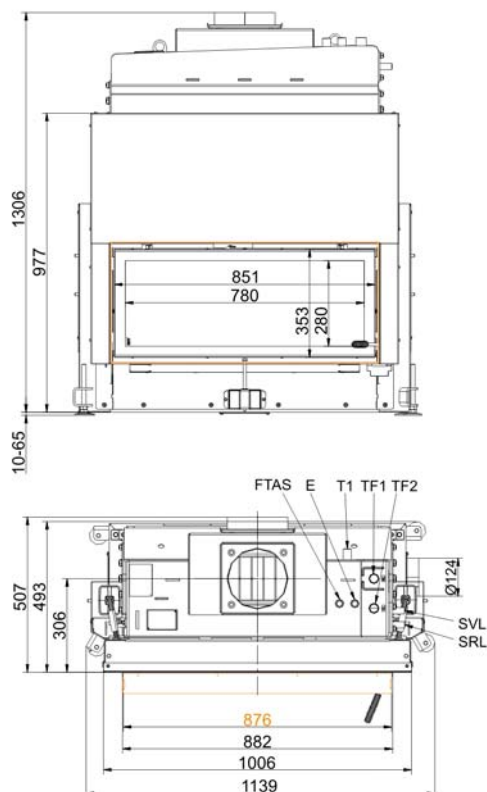
BRUNNER[®]
made in germany

Dimension sheet | Architektur 38/86 mit Kesselaufsatz lifting doors (easy-lift)



- VL supply 1"
- RL return boiler 1"
- E drain 1/2"
- SVL supply cooling pipe outlet
- SRL return cooling pipe outlet
- FTAS socket for thermometer cooling
- TF1 socket 1/2" for thermometer
- TF2 socket 1/2" for thermometer

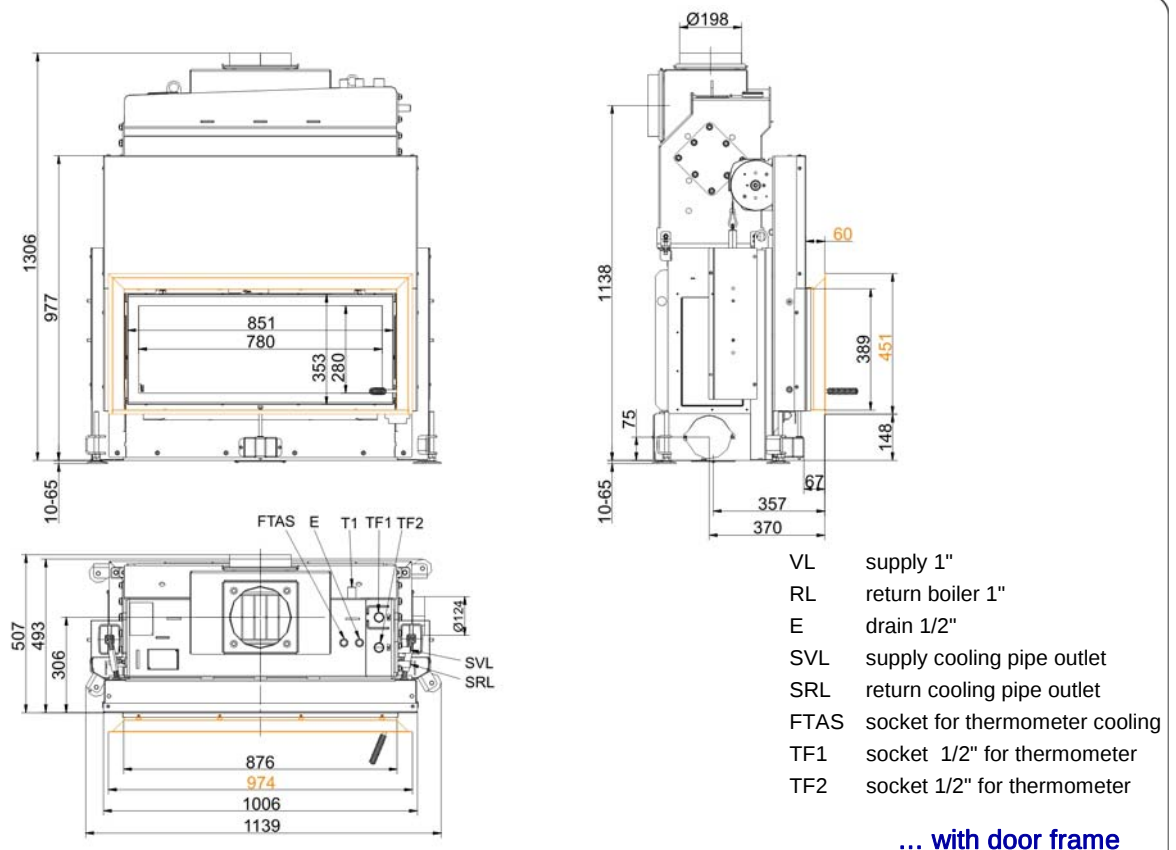
... with mounting frame 50 mm



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- FTAS socket for thermometer cooling
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... with mounting frame 70 mm

Dimension sheet | **Architektur 38/86 mit Kesselaufsatz lifting doors (easy-lift)**



Planning and installation

Architektur 38/86 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	%	25 / -	25 / -
Glass (single / double)	%	30 / 25	30 / 25
Boiler	%	45 - 50	45 - 50

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 ⁴⁾	kg	164 + 139 + 66	
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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

4) heater = body + mounted exchanger

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