



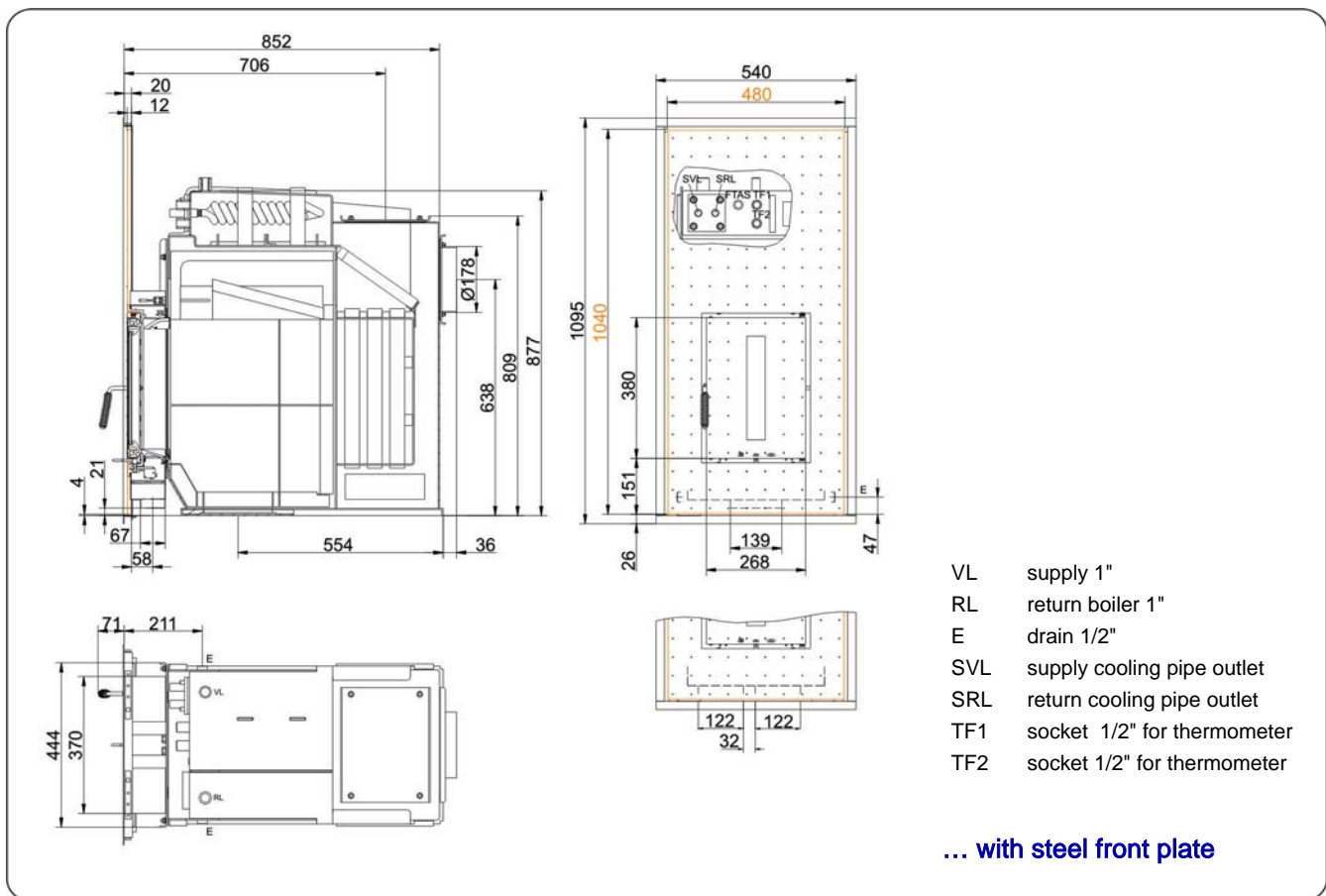
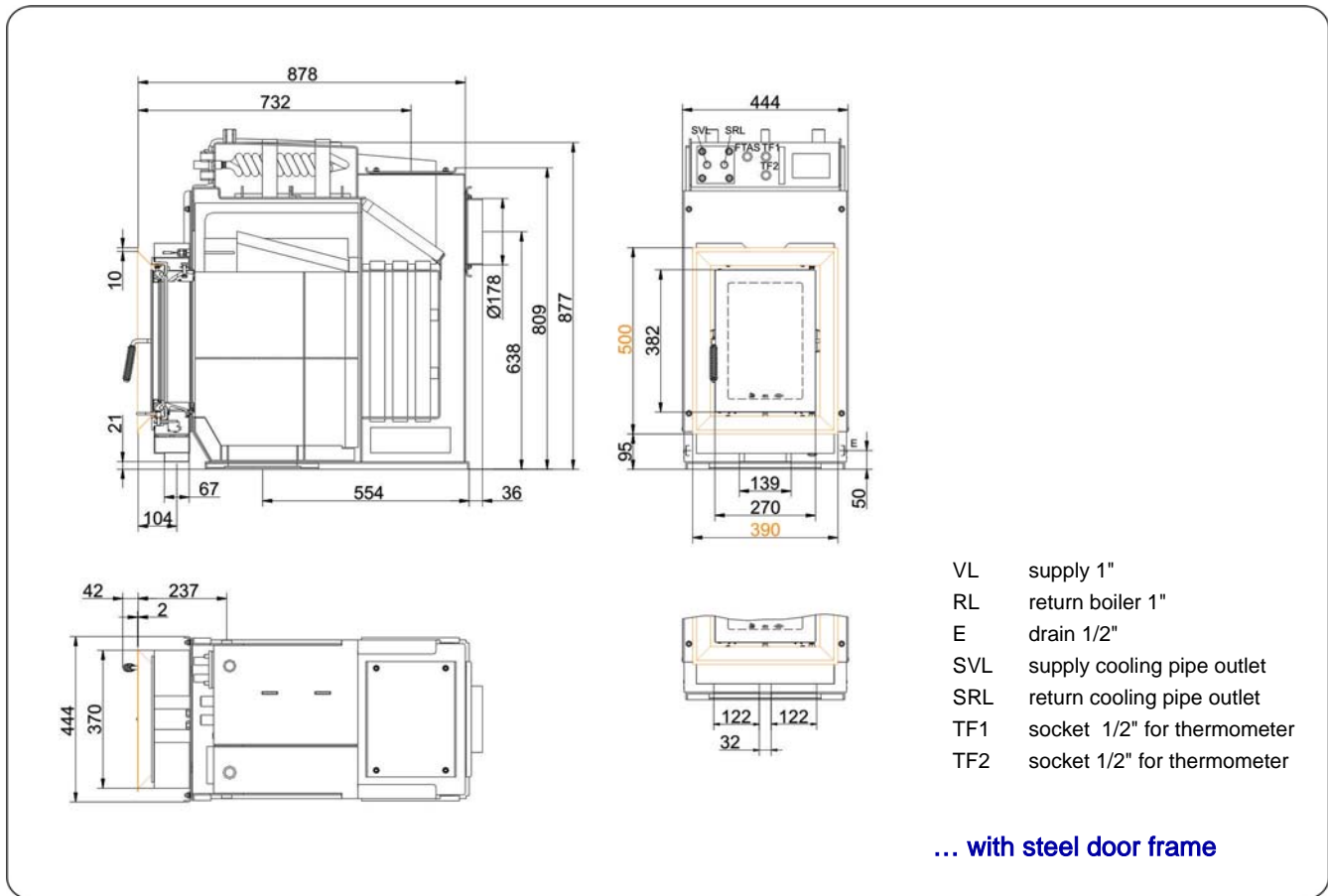
## Kompakt-Kessel B6

State: 30.08.2012



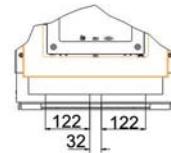
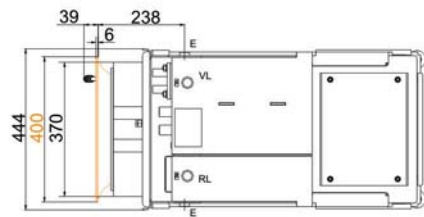
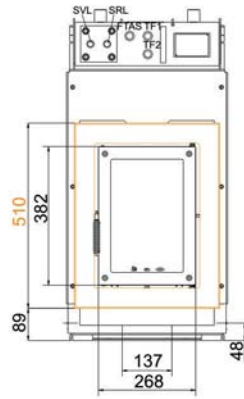
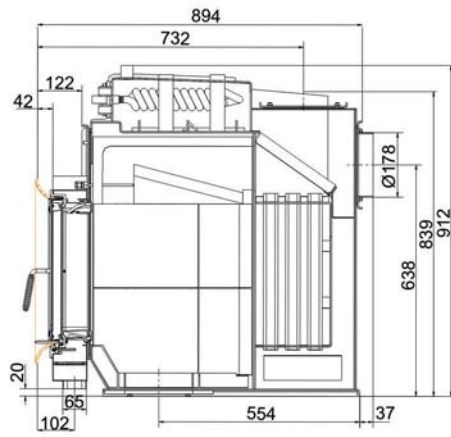
**BRUNNER**<sup>®</sup>  
*made in germany*

Dimension sheet | **Kompakt-Kessel B6**



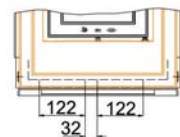
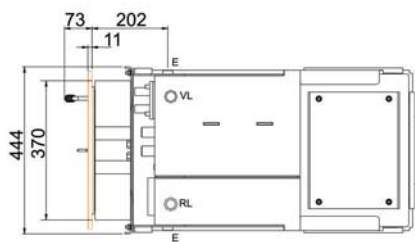
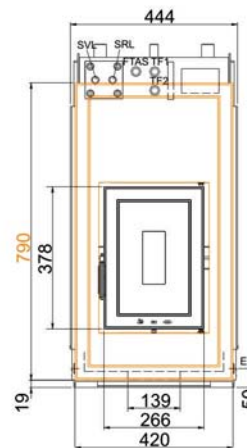
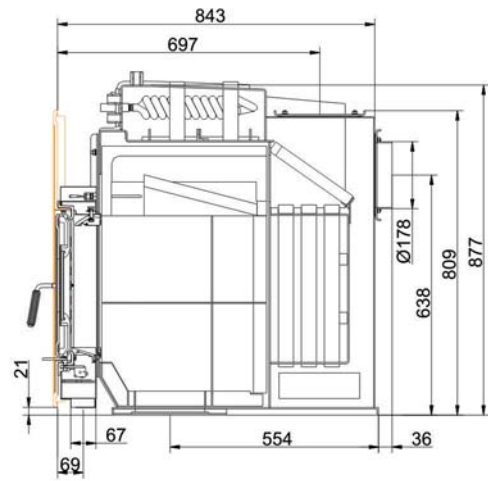
We suggest for CAD planing Palette CAD. Permanent updated drawings: [www.brunner.de](http://www.brunner.de)  
 Frames / front versions are marked colored.

Dimension sheet | **Kompakt-Kessel B6**



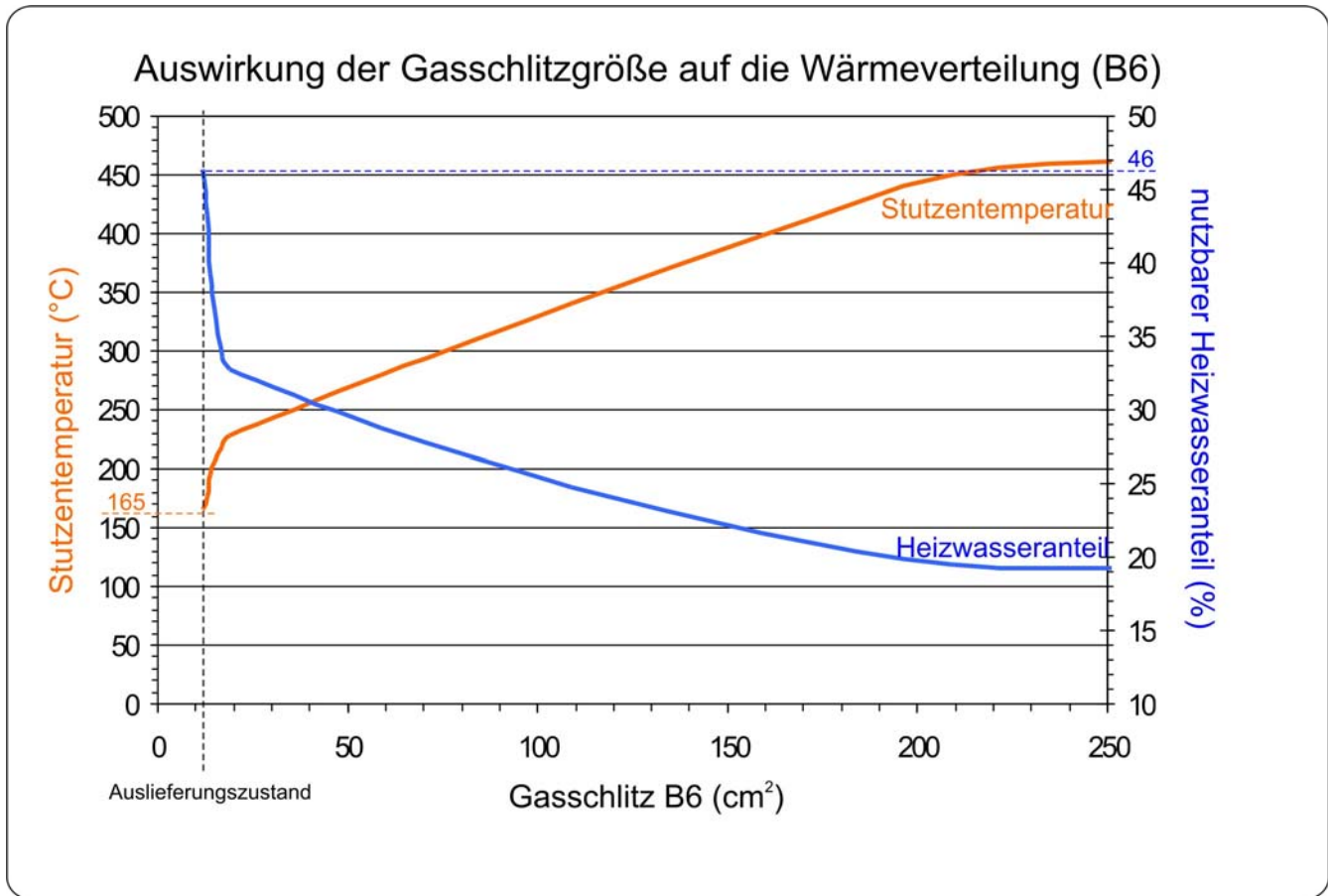
- VL supply 1"
- RL return boiler 1"
- E drain 1/2"
- SVL supply cooling pipe outlet
- SRL return cooling pipe outlet
- TF1 socket 1/2" for thermometer
- TF2 socket 1/2" for thermometer

... with cast iron frame



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

... with cast iron front plate



# Planning and installation

## Kompakt-Kessel B6

Tested according to

EN 13229 W

EN 13229 W

### Data for functional demonstration

Rated heat power	kW	12	-
Firewood consumption	kg/h	3,2	6
Combustion performance	kW	14	19,2
Flue gas mass flow	g/s	14	20
Outlet temperature (before heating surface)	°C	Diagramm	Diagramm
Flue gas temperature after			
attached steel smoke hood	°C	-	-
adjoining cast iron radiator (GNF10)	°C	-	-
accumulation rings (MAS) <sup>1)</sup>	°C	-	-
adjoining ceramic accumulator <sup>2)</sup>	°C	-	-
ceramic modular accumulator (KMS system)	°C	-	-
water boiler	°C	160	260
Necessary supply pressure	Pa	14	15
Combustion air consumption	m <sup>3</sup> /h	38	60
Combustion air connection Ø	mm	125	125

### Heat distribution

Insert / heating surface	%	44 / -	44 / -
Glass (single / double)	%	- / 10	- / 10
Boiler	%	46	46

### Cross-section of gratings for max. warm air power

Supply air	cm <sup>2</sup>	600	600
Warm air	cm <sup>2</sup>	600	600

### Space inside oven chamber

Distance to oven chamber wall	cm	6	6
Distance to floor	cm	15	15

### Heat insulation without / with <sup>3)</sup> air gratings

Wall	cm	10 / 7	10 / 7
Floor	cm	2 / 0	2 / 0
Ceiling	cm	25 / 18	25 / 18
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	50	50
Connections flow / return	inch	1	1

### Weight

Fireplace + burning chamber	kg	177 + 46	
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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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