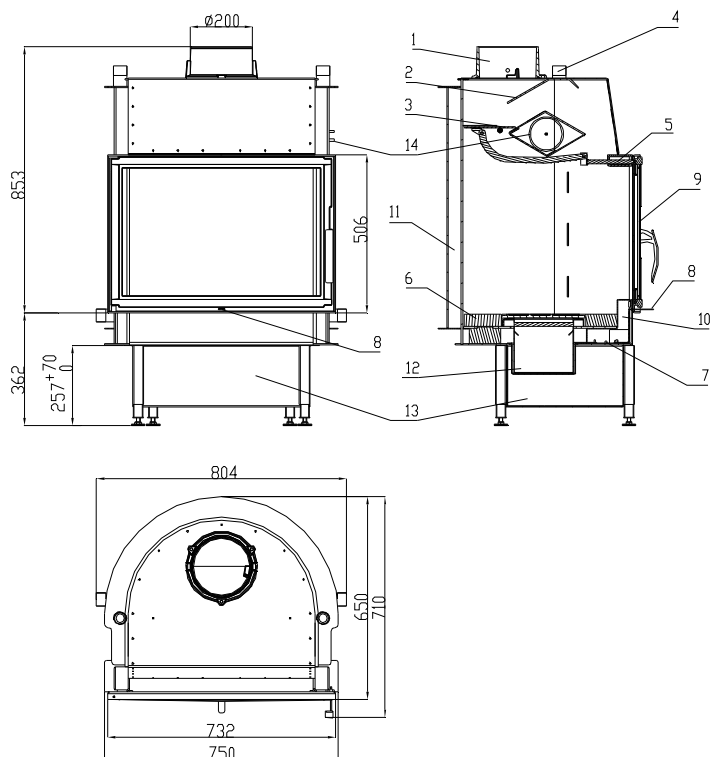


# HOT WATER FIREPLACE INSERTS BLANZEK 730 AQUA

## DLE EN 13 229 - W

Schema:

Description:



- 1 Smoke flue bellmount
- 2 Deflector
- 3 Start firing valve
- 4 Screwed pipe 4xG5/4''
- 5 Start firing valve regulation
- 6 Fire-bricks
- 7 Suction regulation
- 8 Control of air suction regulation for combustion
- 9 Glass
- 10 Primary chamber
- 11 Changer
- 12 Ash tray
- 13 Stand
- 14 Coolant loop

**Technical data:**

		Closed firebox
Nominal heat output	kW	22
Efficiency	%	80,1
Efficiency for water	%	64
Volume flow of combustion products	g/s	16,2
Flue-gas temperature	°C	300
Min. feed pressure at nom. heat output	Pa	11
Fuel	Wood (oak logs)	
Fuel consumption per hour	kg/h	5,9
CO emission in burnt gas (in relation to 13% O <sub>2</sub> )	%	0,25
Smoke flue diameter	mm	200
Weight	kg	195

**Nominal heat output listed on a type label is with:**

- favourable	Heating conditions sufficient for	70 – 90 m <sup>3</sup>
- less favourable		40 – 70 m <sup>3</sup>
- unfavourable		20 – 40 m <sup>3</sup>
Min. diameter of convectional air input		927 cm <sup>2</sup>
Min. diameter of convectional air output		1035 cm <sup>2</sup>
One-hour input of convectional air		60 – 90 m <sup>3</sup> /St.

**Preventive requirements:**

		Thickness/ mm
Brick veneer	Back wall	100
	Side wall	100
Brick veneer replacement, insulation acc. to AGI Q 132	Ceiling in the surround	60
Thermal insulation layer	Floor	30 + 30
	Side wall	100
	Back wall	150
	Convectional air ceiling	40/100
	Smoke flue outside the convectional air coating	40

**Min. distance of the fireplace insert from the inner side of the insulation:**

Side wall	80 mm	From the insert surface to the inner side of the insulation
Back wall	90 mm	From the insert surface to the inner side of the insulation
Floor	335 mm	From the bottom edge of the space for wood to the top edge of floor insulation
Ceiling	410 mm	From the top edge of the inner part of ceiling insulation



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**EN 13229:2001 and A1:2004**

Wood-burning fireplace insert EN 13229 – W calculated for a room heating

Type **Blanzek 730 AQUA**

<b>Distance from adjacent combustible materials:</b>	7 + 10 cm of thermal insulation <sup>1)</sup>
<b>CO emission in burnt gas (in relation to 13% O<sub>2</sub>):</b>	0,25 %
<b>Burnt gas temperature:</b>	300 °C
<b>Heating capacity:</b>	22 kW of capacity for heating
<b>Energy efficiency:</b>	80,1 %
<b>Kinds of fuel:</b>	wood (beech logs)

**Peruse and keep service instructions!**

<sup>1)</sup> For details see Installation and Service Instructions