

Technical data	operation when directly connected to chimney	
	HAKA 63/51WT	
Energy label		
Operating data		
Nominal heat power / Power absorbed to water	14 / 7 kW	
Efficiency	> 80 %	
Consumption of wood	4 kg/h	
Mass flow of flue gas	12 g/s	
Required chimney pressure	12 Pa	
Required amount of combustion air	35 m³/h	
Average flue gas temperature		
on the output	217 °C	
Heat distribution		
fireplace insert	19 %	
door glass (single / double)	0 / 31 %	
water	50 %	
Water exchanger specifications		
Maximum working pressure	2,5 bar	
Minimum return water temperature	60 °C	
Water capacity	52 liters	
Connection input / output	1" / 1"	
Information for builds		
Minimal grill area supply / outgoing (with vent. grill)	250 cm²	
Minimum radiant area³ (without vent. grill)	suitable	
Minimum distance from insulated areas / floor	40 / 0 mm	
Reference insulation¹ ceiling / back wall / side wall / floor	100 / - / 60 / 0 mm	
Calciumsilicate insulation² ceiling / back wall / side wall / floor	75 / - / 45 / 0 mm	
General technical information		
Total weight / lining weight	circa 303 / 81 kg	
Burning chamber dimensions (width x depth)	525 x 315 mm	
Combustion air connection	Ø 150 mm	
Use in non-ventilated accumulation builds according to craft rules	suitable⁴	
Tested according to	EN 16510-1 ed. 2:2023, EN 16510-2-2:2022	
Meets values	1. BImSchV (Stufe2), 15a BVG	

1 Mineral wool according to AGI-Q 132

2 Example SkamoEnclosure Board 225 kg/m³

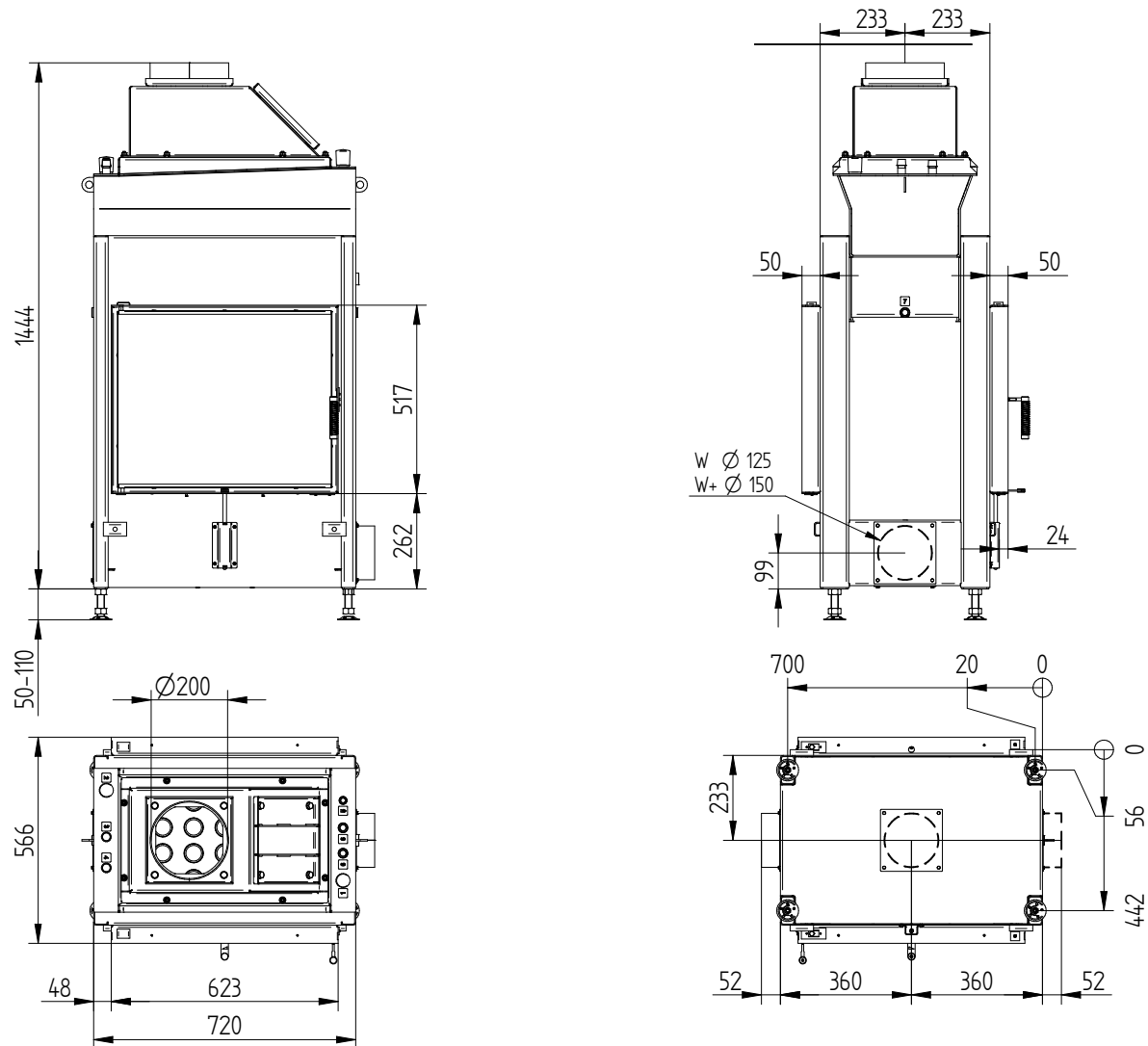
3 Depends on accumulation period and material characteristics. Listed values calculated with average specific heat output = approx. 500 W/m²

4 With regard to the inspection capability and maximum ambient temperatures of the external switching devices (e.g. TAS/SV)

HAKA 63/51WT

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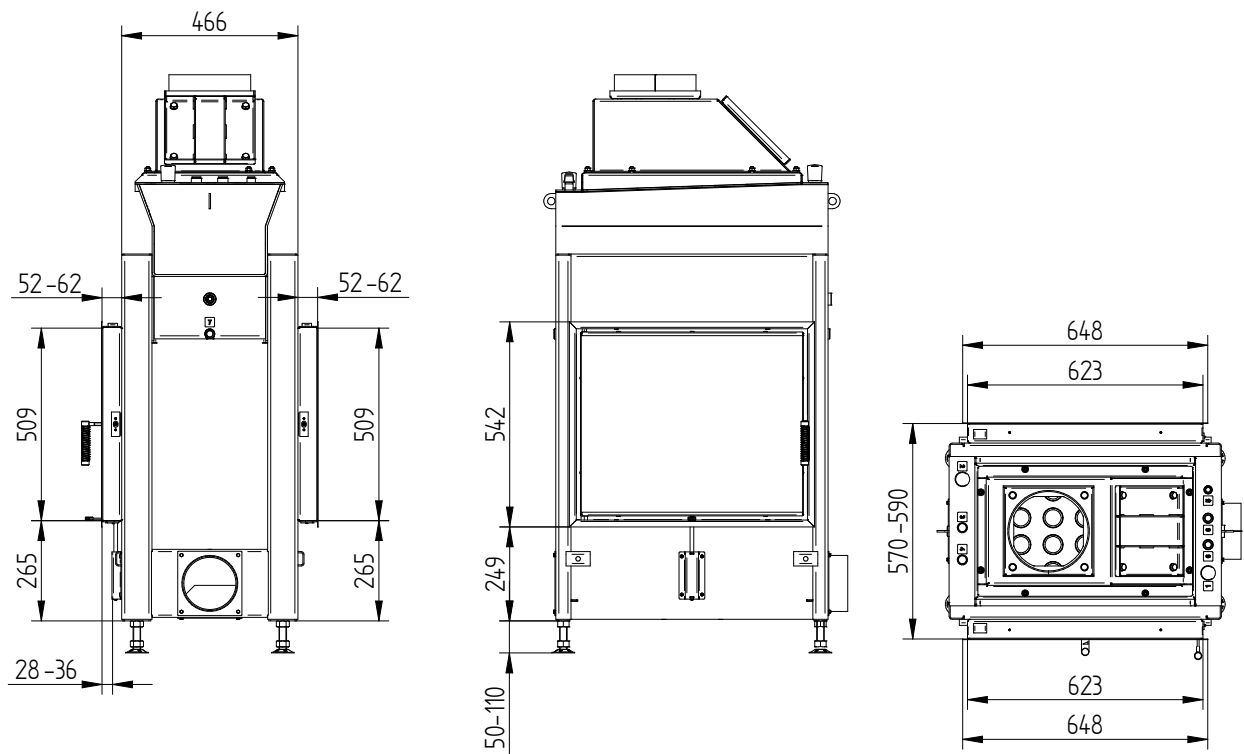
HAKA 63/51W tunnel / air inlet / feet



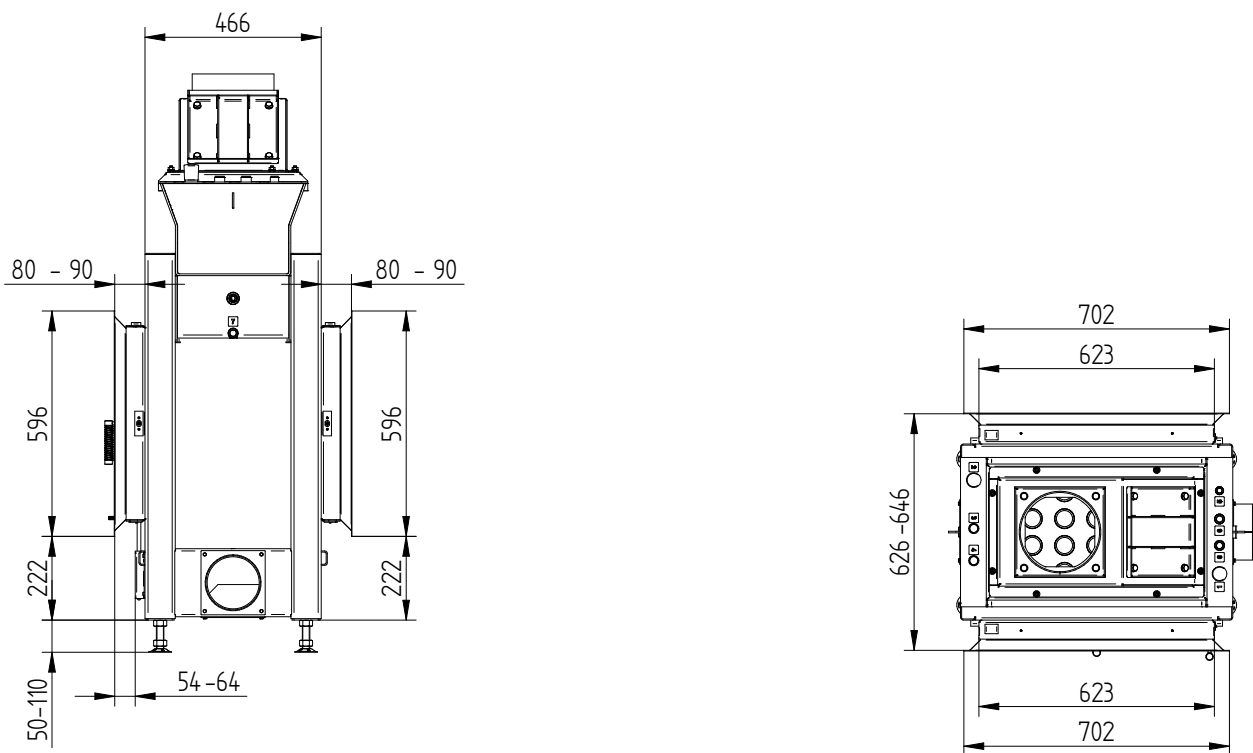
HAKA 63/51WT

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Cover frame 63/51 side opening 4sides 50 mm 1 x 90°



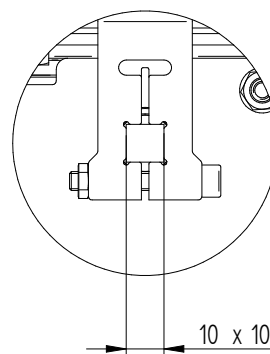
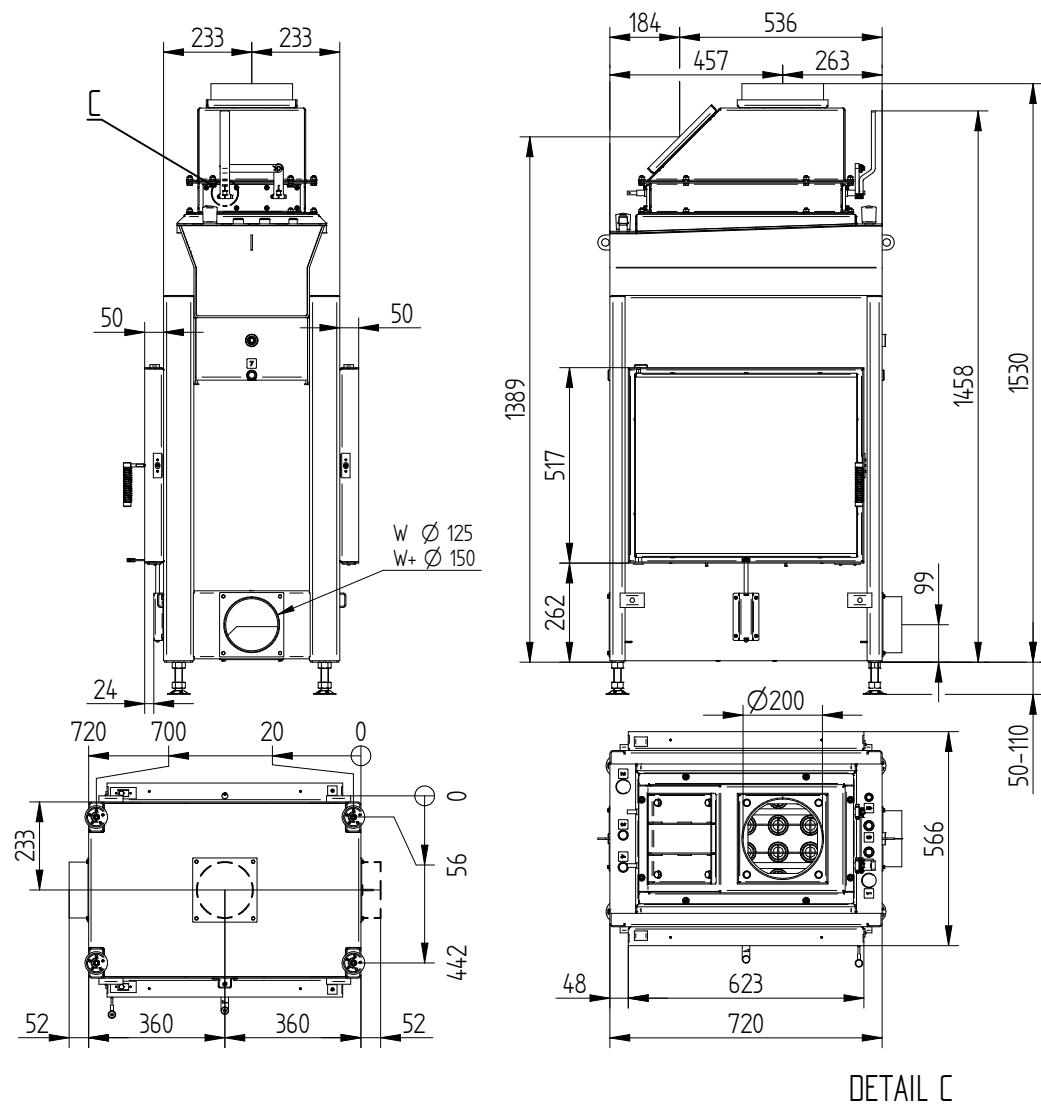
Cover frame 63/51 side opening 4sides 80 mm 2 x 45°

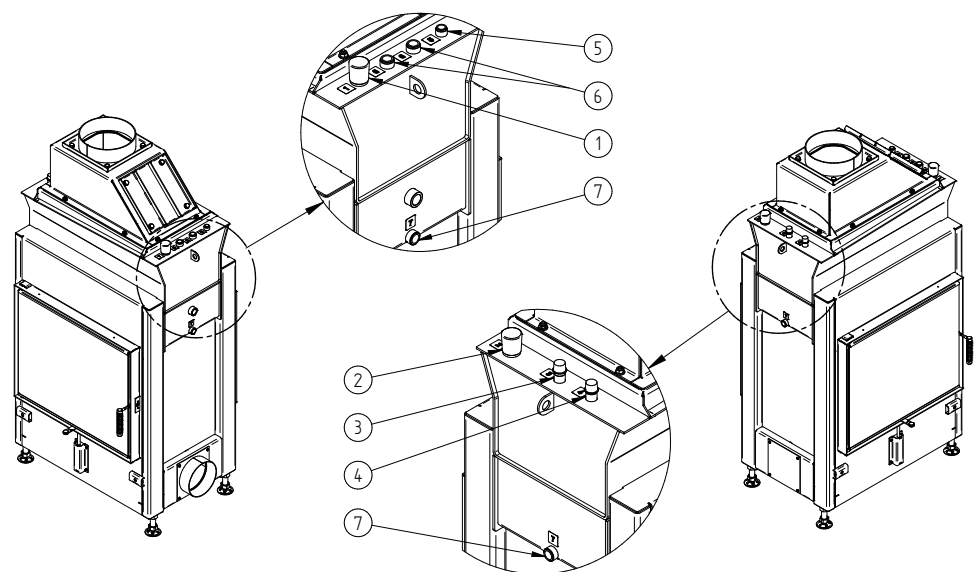


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HAKA 63/51W tunnel WTR water exchanger cleaner / air inlet / feet





Nr.	Thread size	Description
1	G 1" (AG)	Water supply from heating system - min. 60 °C
2	G 1" (AG)	Hot water supply to heating system
3	G 1/2" (AG)	Water supply from the waterlines into the cooling loop
4	G 1/2" (AG)	Discharge of water from the cooling loop into the waste
5	G 3/8" (IG)	Pocket for air vent valve
6	G 1/2" (IG)	Pocket for thermal sensors
7	G 1/2" (IG)	Pocket for emptying