

Technical data

Technical data	operation when directly connected to chimney		operation when connected accumulation mass	
	cupola	hot air exchanger	cupola	adaptor
Energy label			----	----
Operating data				
Nominal heat power	6 kW	9 kW	----	----
Efficiency	> 80 %	> 80 %	----	----
Consumption of wood	1,8 kg/h	2,6 kg/h	6 kg	6 kg
Total heat output of the burning chamber	----	----	24 kW	24 kW
Average heat output / heat accumulation time ⁵	----	----	2,4 kW / 8 h	2,4 kW / 8 h
Mass flow of flue gas	6,1 g/s	6,8 g/s	20 g/s	20 g/s
Required chimney pressure	12 Pa	12 Pa	12 Pa	15 Pa
Required amount of combustion air	20 m³/h	25 m³/h	55 m³/h	55 m³/h
Average flue gas temperature				
on the output	232 °C	260 °C	408 °C	416 °C
behind 4 m of ceramic accumulation system KMS 300 ¹	----	----	180 °C	----
behind accumulation rings (5x acc. ring Ø440mm)	----	----	----	237 °C
Heat distribution				
fireplace insert	66–76 %	66–76 %	37 %	31 %
door glass (single / double)	34 / 24 %	34 / 24 %	34 / 24 %	34 / 24 %
additional accumulation mass	----	----	29–39 %	35–45 %
Information for ventilated builds				
Minimal grill area supply / outgoing	600 cm²	900 cm²	900 cm²	900 cm²
Minimum distance from insulated areas / floor	80 / 0 mm		80 / 0 mm	
Reference insulation ² ceiling / back wall / side wall / floor	120 / 0 / 80 / 0 mm		120 / 0 / 80 / 0 mm	
Calciumsilicate insulation ³ ceiling / back wall / side wall / floor	90 / 0 / 60 / 0 mm		90 / 0 / 60 / 0 mm	
Information for non-ventilated builds (closed grills)				
Minimum radiant area ⁴	suitable		5 m²	
Minimum distance from insulated areas / floor	80 / 20 mm		80 / 20 mm	
Reference insulation ² ceiling / back wall / side wall / floor	160 / 0 / 100 / 20 mm		160 / 0 / 100 / 20 mm	
Calciumsilicate insulation ³ ceiling / back wall / side wall / floor	120 / 0 / 75 / 20 mm		120 / 0 / 75 / 20 mm	
General technical information				
Total weight / lining weight	circa 191 / 71 kg		circa 191 / 71 kg	
Burning chamber dimensions (width x depth)	305 x 355 mm			
Combustion air connection	Ø 125 mm			
Use in non-ventilated accumulation builds according to craft rules	suitable			
Tested according to	EN 16510-1 ed. 2:2023, EN 16510-2-2:2022			
Meets values	1. BImSchV (Stufe2), 15a BVG			

¹ Listed value from testing. For accurate results is evaluation of each system in the Ortnr / KOV program necessary

² Mineral wool according to AGI-Q 132

³ Example SkamoEnclosure Board 225 kg/m³

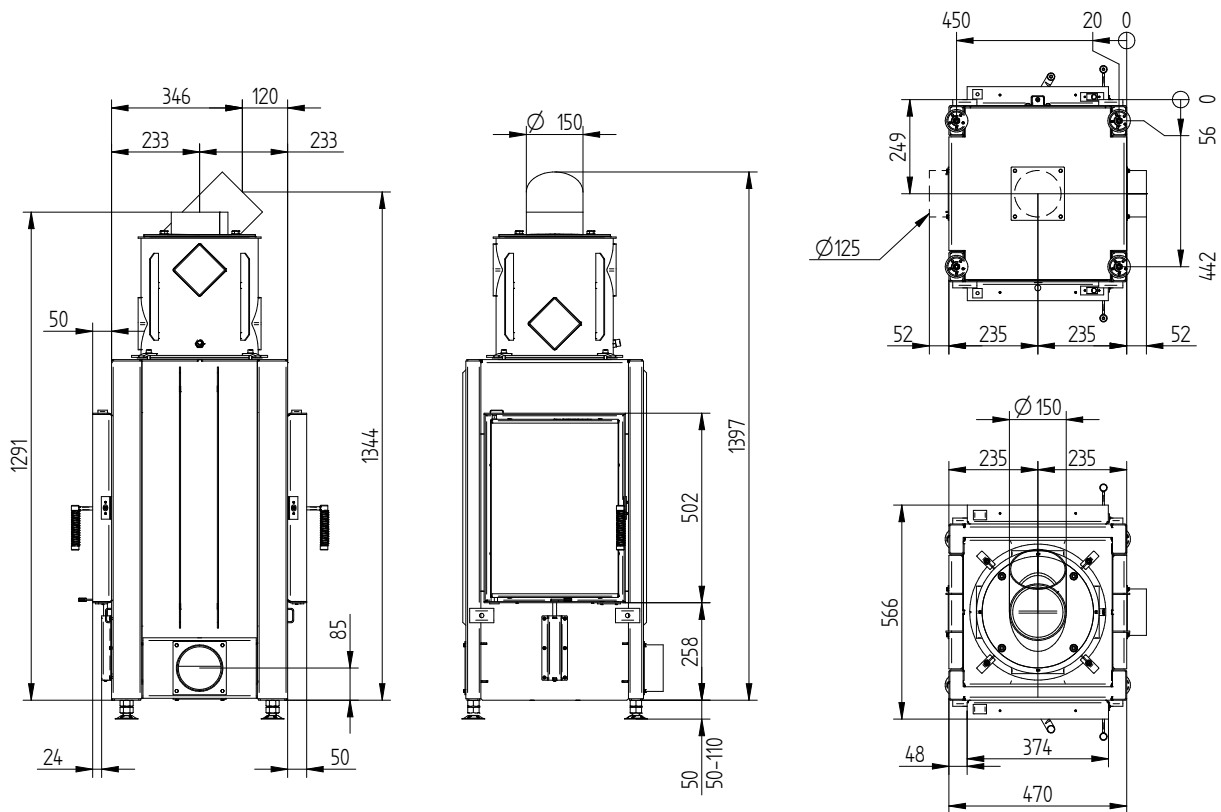
⁴ Depends on accumulation period and material characteristics. Listed values calculated with average specific heat output = approx. 500 W/m²

⁵ Storage operation, one wood charge for storage duration, with closed construction and efficiency > 80%

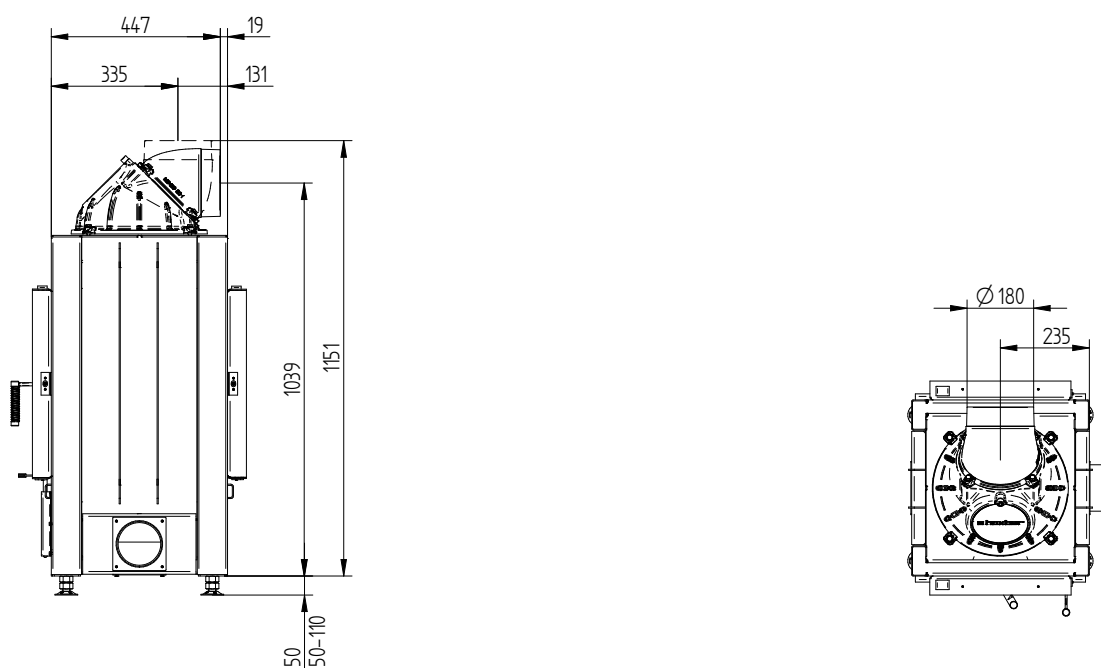
HAKA 37/50T

Technical data
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HAKA 37/50 tunnel hot air exchanger vertical / smoke outlet 45° / air inlet / feet



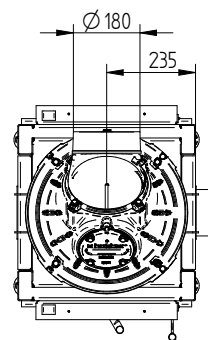
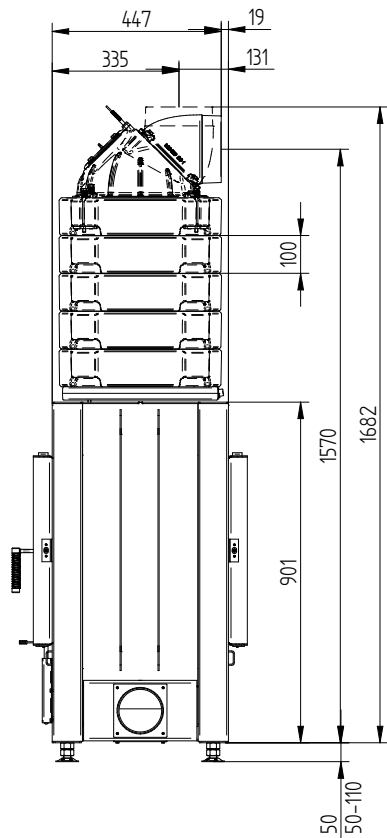
HAKA 37/50 tunnel cupola



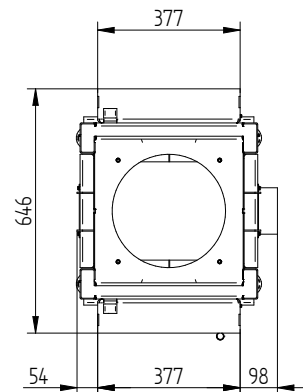
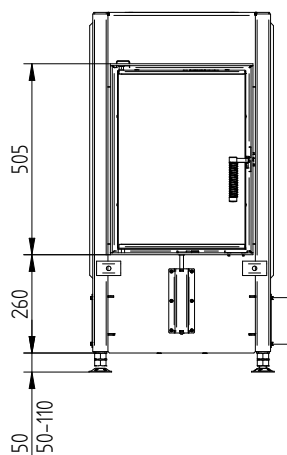
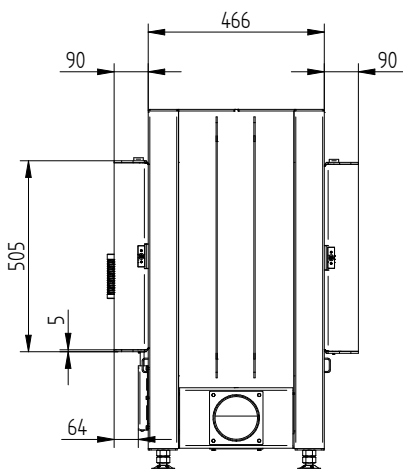
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HAKA 37/50 tunnel accumulation set



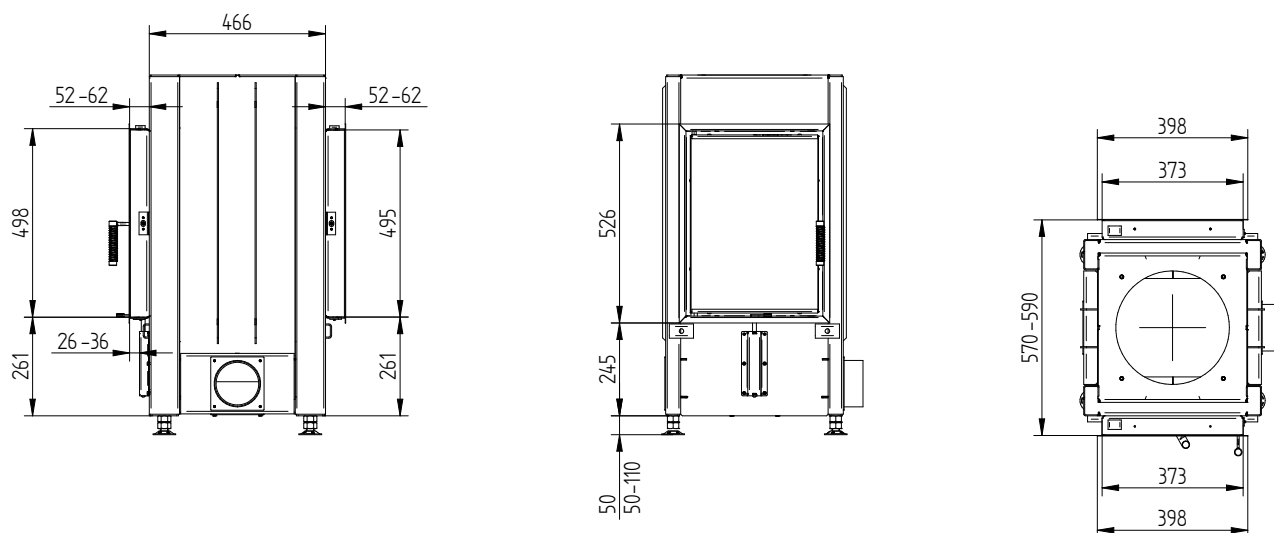
Door frame 37/50 90 mm thick. 5 mm



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Cover frame 37/50 side opening 4sides 50 mm 1 x 90°



Cover frame 37/50 side opening 4sides 80 mm 2 x 45°

