HAKA 67/38

Technical data
Version 09/2023

Technical data	operation when directly connected to chimney		operation when connected accumulation mass	
	cupola	hot air exchanger	cupola	adaptor
Energy label	A+	A+	A+	A+
Operating data				
Nominal heat power	7 kW	11 kW	----	----
Efficiency	> 80 %	> 80 %	----	----
Consumption of wood	2,1 kg/h	3,2 kg/h	5,8 kg	4,8 kg
Total heat output of the burning chamber	----	----	23 kW	19 kW
Average heat output / heat accumulation time [5]	----	----	2,3 kW / 8 h	1,9 kW / 8 h
Mass flow of flue gas	6,5 g/s	8,6 g/s	13,4 g/s	13 g/s
Required chimney pressure	12 Pa	12 Pa	12 Pa	15 Pa
Required amount of combustion air	20 m^3/h	30 m^3/h	50 m^3/h	45 m^3/h
Average flue gas temperature				
on the output	214 °C	217 °C	376 °C	385 °C
behind 4 m of ceramic accumulation system KMS 300 [1]	----	----	200 °C	----
behind accumulation rings (5x acc. ring Ø440mm)	----	----	----	216 °C
Heat distribution				
fireplace insert	70-82 %	70-82 %	40 %	35 %
door glass (single / double)	30 / 18 %	30 / 18 %	30 / 18 %	30 / 18 %
additional accumulation mass	----	----	30-42 %	35-47 %
Information for ventilated builds				
Minimal grill area supply / outgoing	700 / 850 cm^2	950 / 1150 cm^2	950 / 1150 cm^2	950 / 1150 cm^2
Minimum distance from insulated areas / floor	80 / 0 mm		80 / 0 mm	
Reference insulation [2] ceiling / back wall / side wall / floor	120 / 80 / 80 / 0 mm		120 / 80 / 80 / 0 mm	
Calciumsilicate insulation [3] ceiling / back wall / side wall / floor	90 / 60 / 60 / 0 mm		90 / 60 / 60 / 0 mm	
Information for non-ventilated builds (closed grills)				
Minimum radiant area [4]	suitable		5 m^2	
Minimum distance from insulated areas / floor	80 / 20 mm		80 / 20 mm	
Reference insulation [2] ceiling / back wall / side wall / floor	160 / 100 / 100 / 20 mm		160 / 100 / 100 / 20 mm	
Calciumsilicate insulation [3] ceiling / back wall / side wall / floor	120 / 75 / 75 / 20 mm		120 / 75 / 75 / 20 mm	
General technical information				
Total weight / lining weight	circa 210 / 82 kg		circa 210 / 82 kg	
Burning chamber dimensions (width x depth)	605 x 305 mm			
Combustion air connection	Ø 150 mm			
Use in non-ventilated accumulation builds according to craft rules	suitable			
Tested according to	EN 13229			
Meets values	1. BImSchV (Stufe2), 15a BVG			

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

2 Mineral wool according to AGI-Q 132

3 Example SkamoEnclousure Board 225 kg/m^3

4 Depends on accumulation period and material characteristics. Listed values calculated with average specific heat output = approx. 500 W/m^2

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

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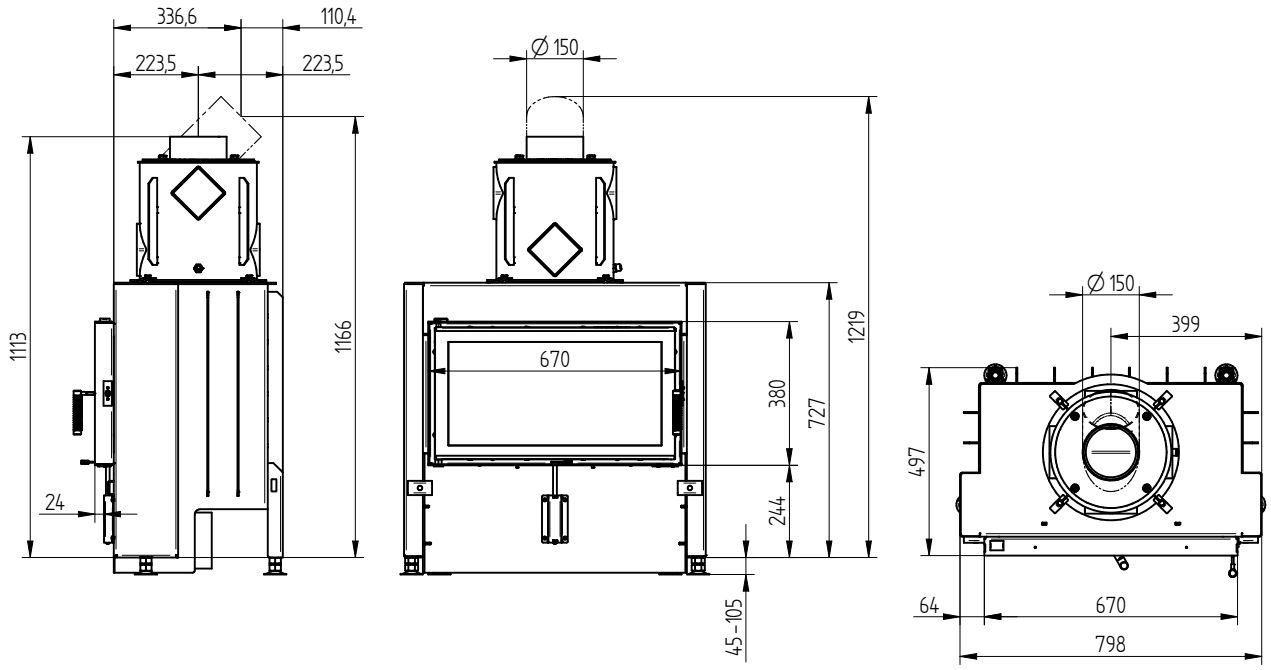
HAKA 67/38 hot air exchanger vertical / smoke outlet 45°



HAKA 67/38 cupola

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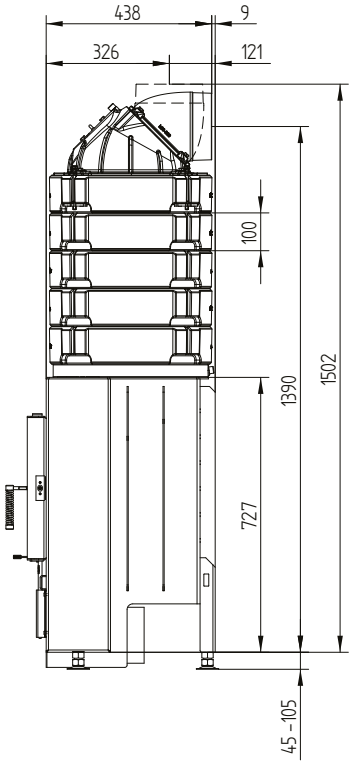
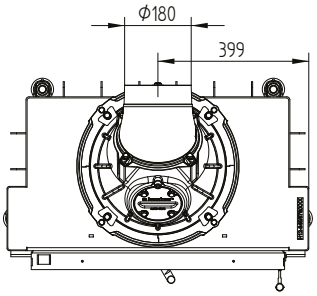
HAKA 67/38 accumulation set





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Technical data
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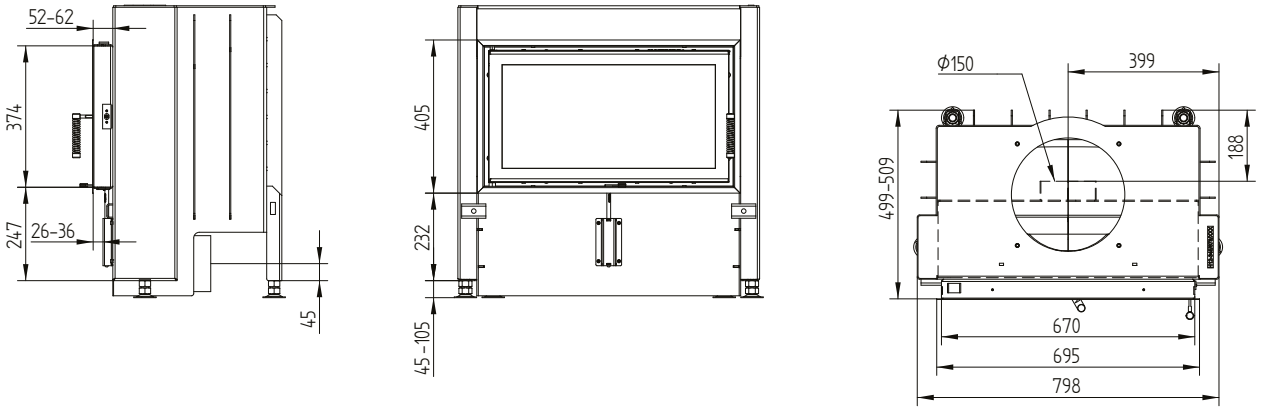
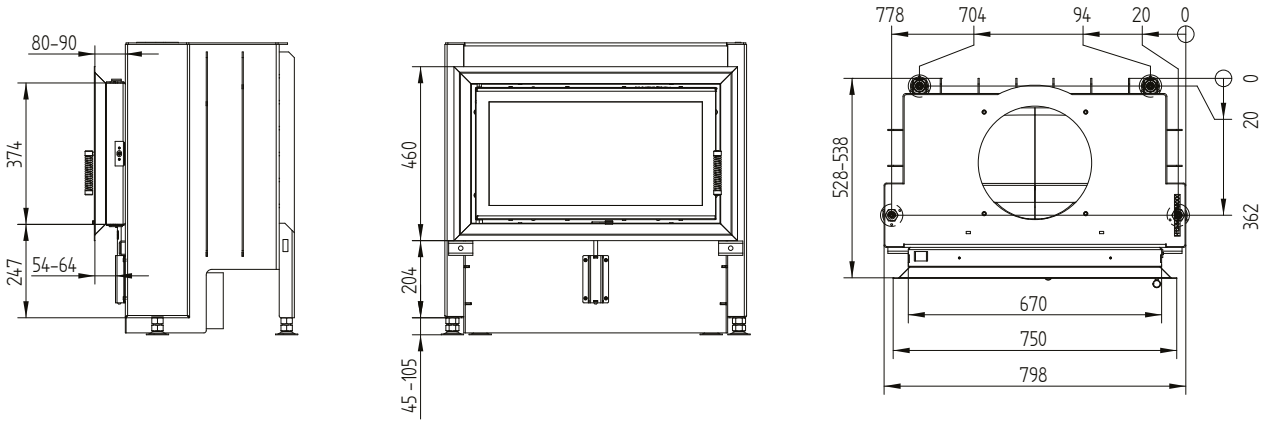
Cover frame 67/38 side opening 4sides 50 mm 1 x 90° / air inlet



Cover frame 67/38 side opening 4sides 80 mm 2 x 45° / feet



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