

Technical data	operation when directly connected to chimney		operation when connected accumulation mass	
	A		A	
Energy label	A		A	
Operating data				
Nominal heat power	7 kW		----	----
Efficiency	> 80 %		----	----
Consumption of wood	2,2 kg/h		3,5 kg	3,1 kg
Total heat output of the burning chamber	----		14 kW	12 kW
Average heat output / heat accumulation time ⁵	----		1,4 kW / 8 h	1,2 kW / 8 h
Mass flow of flue gas	7,2 g/s		12 g/s	11 g/s
Required chimney pressure	12 Pa		12 Pa	15 Pa
Required amount of combustion air	20 m ³ /h		30 m ³ /h	30 m ³ /h
Average flue gas temperature				
on the output	262 °C		360 °C	340 °C
behind 2,5 m of ceramic accumulation system KMS 240 ¹	----		210 °C	----
behind S-accumulation rings (5x S-acc. ring Ø345mm)	----		----	220 °C
Heat distribution				
fireplace insert	56-66 %		30 %	30 %
door glass (single / double)	44 / 34 %		44 / 34 %	44 / 34 %
additional accumulation mass	----		36-46 %	36-46 %
Information for ventilated builds				
Minimal grill area supply / outgoing	700 / 800 cm ²		700 / 800 cm ²	700 / 800 cm ²
Minimum distance from insulated areas / floor	50 / 0 mm		50 / 0 mm	
Reference insulation ² ceiling / back wall / side wall / floor	120 / 0 / 70 / 0 mm		120 / 0 / 70 / 0 mm	
Calciumsilicate insulation ³ ceiling / back wall / side wall / floor	80 / 0 / 50 / 0 mm		80 / 0 / 50 / 0 mm	
Information for non-ventilated builds (closed grills)				
Minimum radiant area ⁴	suitable		3 m ²	
Minimum distance from insulated areas / floor	50 / 20 mm		50 / 20 mm	
Reference insulation ² ceiling / back wall / side wall / floor	160 / 0 / 90 / 20 mm		160 / 0 / 90 / 20 mm	
Calciumsilicate insulation ³ ceiling / back wall / side wall / floor	120 / 0 / 70 / 20 mm		120 / 0 / 70 / 20 mm	
General technical information				
Total weight / lining weight	circa 255 / 65 kg		circa 255 / 65 kg	
Burning chamber dimensions (width x depth)	520 x 290 mm			
Combustion air connection	Ø 125 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 SkamoEnclosure Board 225 kg/m³

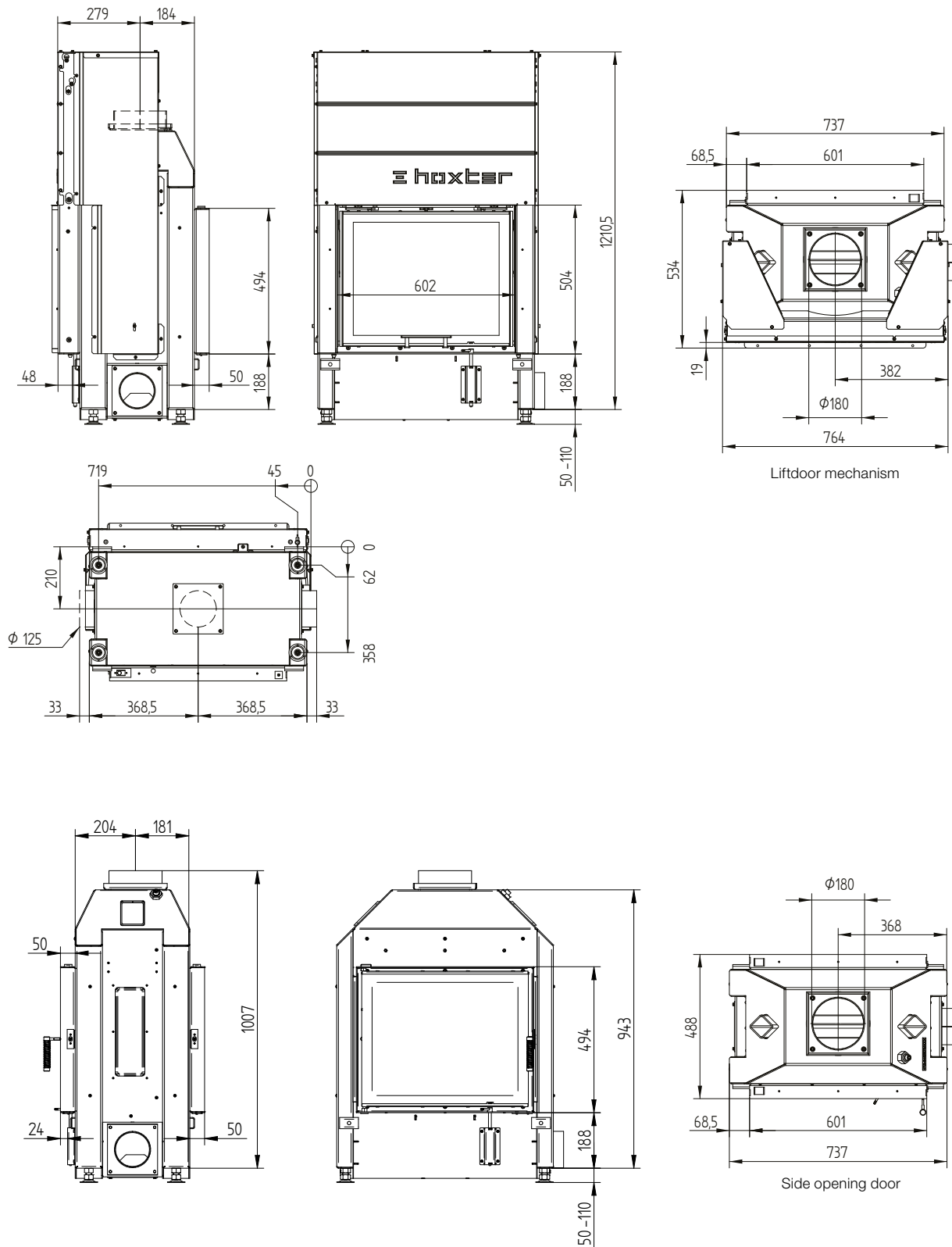
4 Depends on accumulation period and material characteristics. Listed values calculated with average specific heat output = approx. 500 W/m²

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

HAKA 60/50ST

Technical data
Version 09/2023

HAKA 60/50S tunnel liftdoor / air inlet / feet



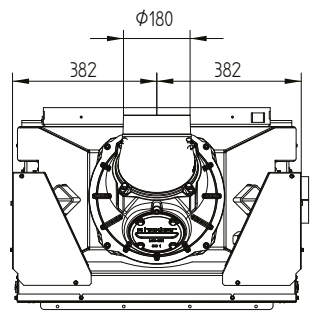
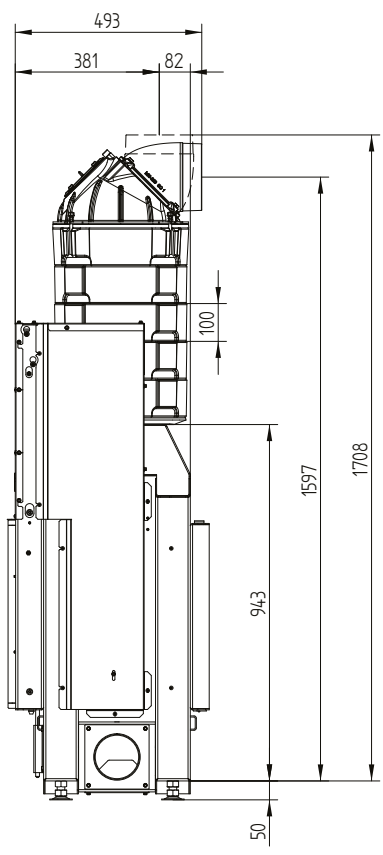
Liftdoor mechanism

Side opening door

HAKA 60/50ST

Technical data
Version 09/2023

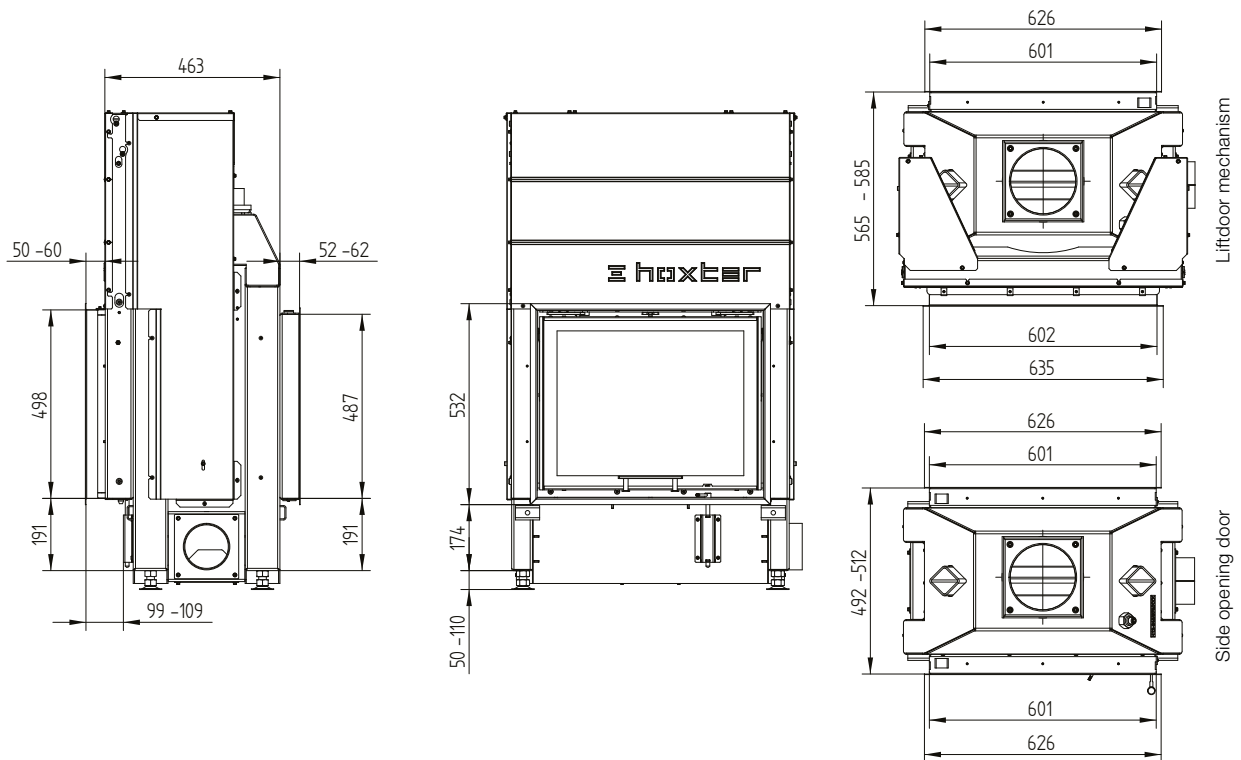
HAKA 60/50S tunnel liftdoor S-accumulation set



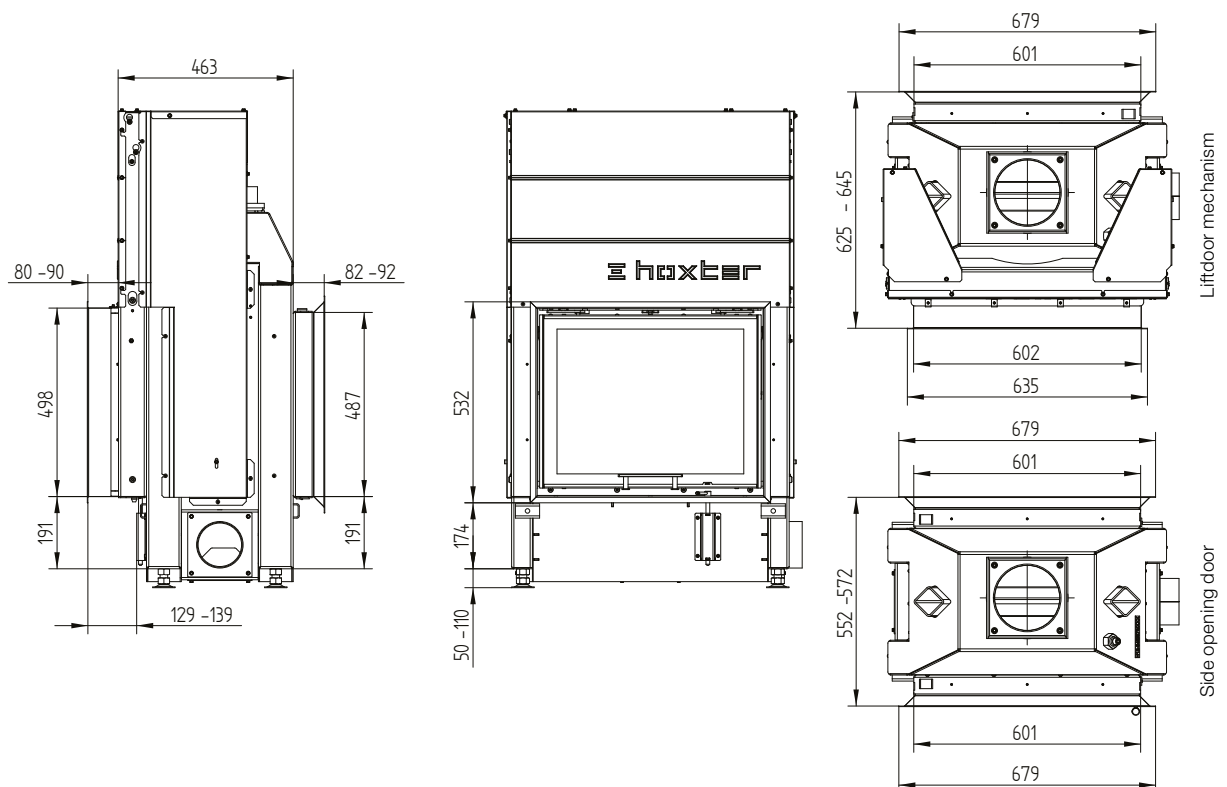
HAKA 60/50ST

Technical data
Version 09/2023

Cover frame 60/50 4sides 50 mm 1 x 90°



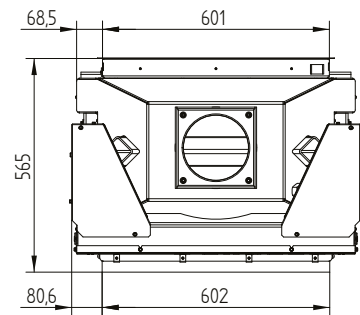
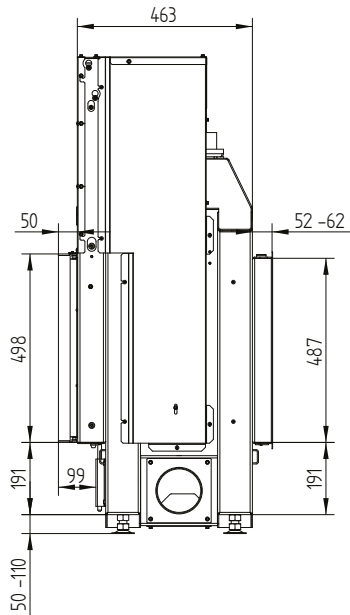
Cover frame 60/50 4sides 80 mm 1 x 90°



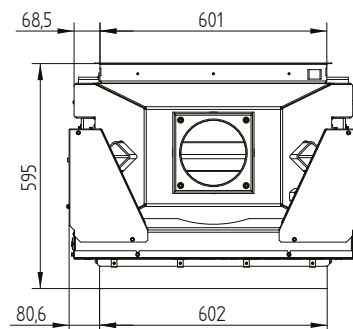
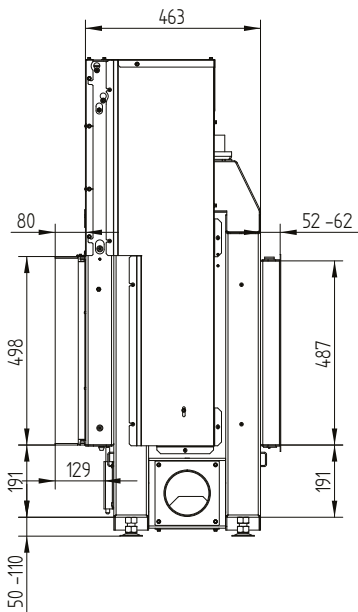
HAKA 60/50ST

Technical data
Version 09/2023

Build-on frame 60/50h liftdoor 4sides 50 mm



Build-on frame 60/50h liftdoor 4sides 80 mm



HAKA 60/50ST

Technical data
Version 09/2023

Build-on frame 60/50h liftdoor 3sides 80 mm

