

Technical data	operation when directly connected to chimney		operation when connected accumulation mass	
	A		A	
Energy label	A		A	
Operating data				
Nominal heat power	9 kW		----	----
Efficiency	> 80 %		----	----
Consumption of wood	2,8 kg/h		4 kg	3,1 kg
Total heat output of the burning chamber	----		16 kW	12 kW
Average heat output / heat accumulation time ⁵	----		1,6 kW / 8 h	1,2 kW / 8 h
Mass flow of flue gas	8,3 g/s		12 g/s	11 g/s
Required chimney pressure	12 Pa		12 Pa	15 Pa
Required amount of combustion air	25 m ³ /h		35 m ³ /h	30 m ³ /h
Average flue gas temperature				
on the output	297 °C		333 °C	312 °C
behind 2,4 m of ceramic accumulation system KMS 300 ¹	----		202 °C	----
behind S-accumulation rings (5x S-acc. ring Ø345mm)	----		----	209 °C
Heat distribution				
fireplace insert	52 %		35 %	35 %
door glass (single / double)	48 / 0 %		48 / 0 %	48 / 0 %
additional accumulation mass	----		17 %	17 %
Information for ventilated builds				
Minimal grill area supply / outgoing	700 / 850 cm ²		700 / 850 cm ²	700 / 850 cm ²
Minimum distance from insulated areas / floor	50 / 0 mm		50 / 0 mm	
Reference insulation ² ceiling / back wall / side wall / floor	120 / 70 / 0 / 0 mm		120 / 70 / 0 / 0 mm	
Calciumsilicate insulation ³ ceiling / back wall / side wall / floor	80 / 50 / 0 / 0 mm		80 / 50 / 0 / 0 mm	
Information for non-ventilated builds (closed grills)				
Minimum radiant area ⁴	suitable		3,5 m ²	
Minimum distance from insulated areas / floor	50 / 20 mm		50 / 20 mm	
Reference insulation ² ceiling / back wall / side wall / floor	160 / 90 / 0 / 20 mm		160 / 90 / 0 / 20 mm	
Calciumsilicate insulation ³ ceiling / back wall / side wall / floor	120 / 70 / 0 / 20 mm		120 / 70 / 0 / 20 mm	
General technical information				
Total weight / lining weight	circa 221 / 49 kg		circa 221 / 49 kg	
Burning chamber dimensions (width x depth)	320 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, NS 3059			

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

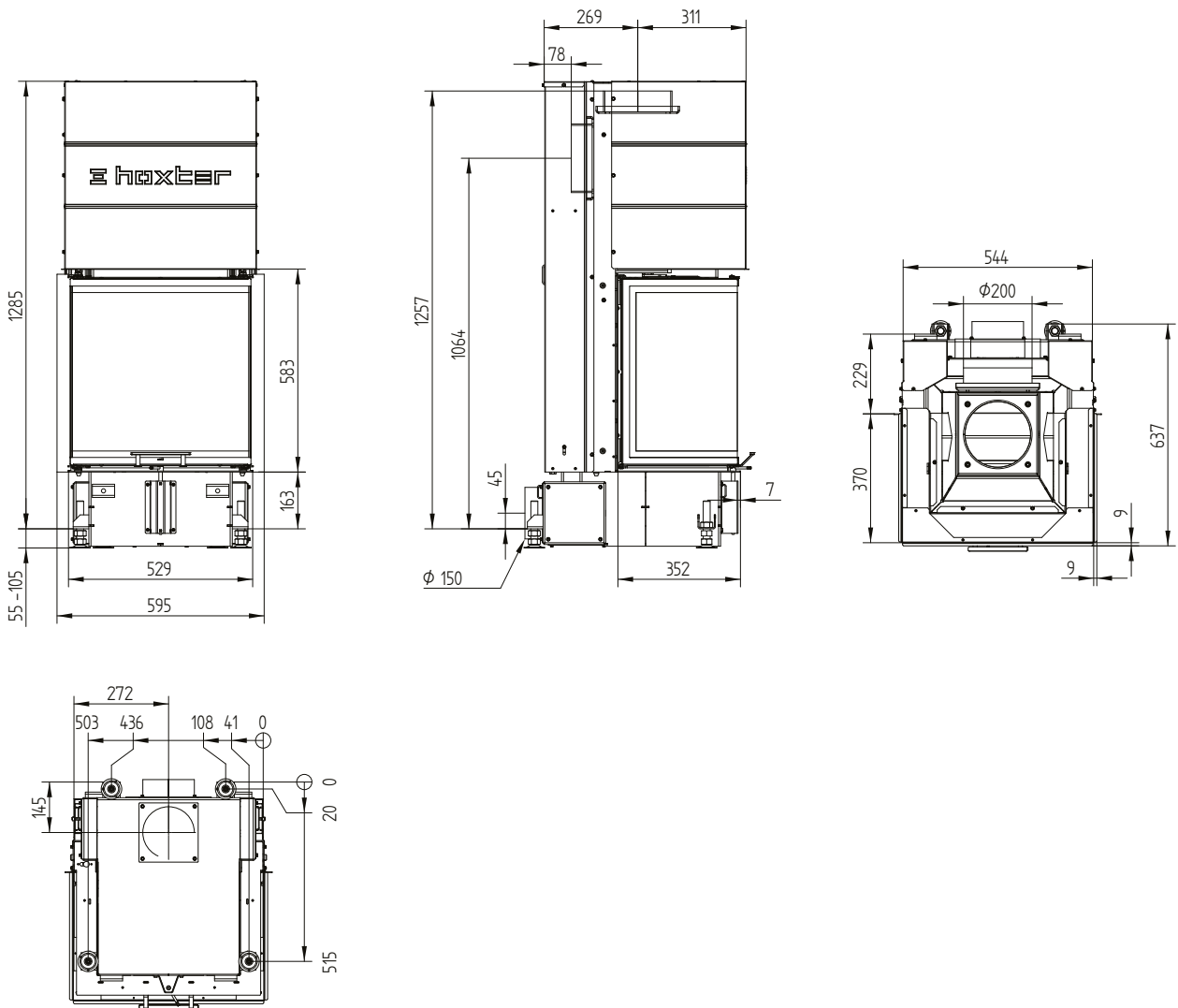
⁴ Depends on accumulation period and material characteristics. Listed values calculated with average specific heat output = approx. 500 W/m²

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

UKA 37/55/37/57h

Technical data
Version 09/2023

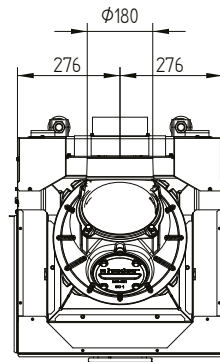
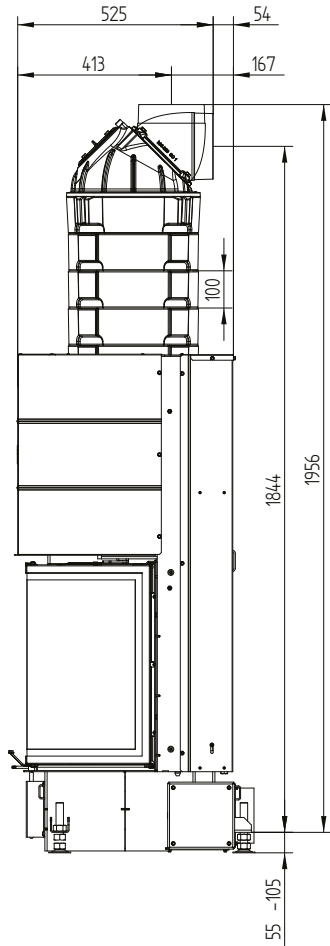
UKA 37/55/37/57h / air inlet / feet



UKA 37/55/37/57h

Technical data
Version 09/2023

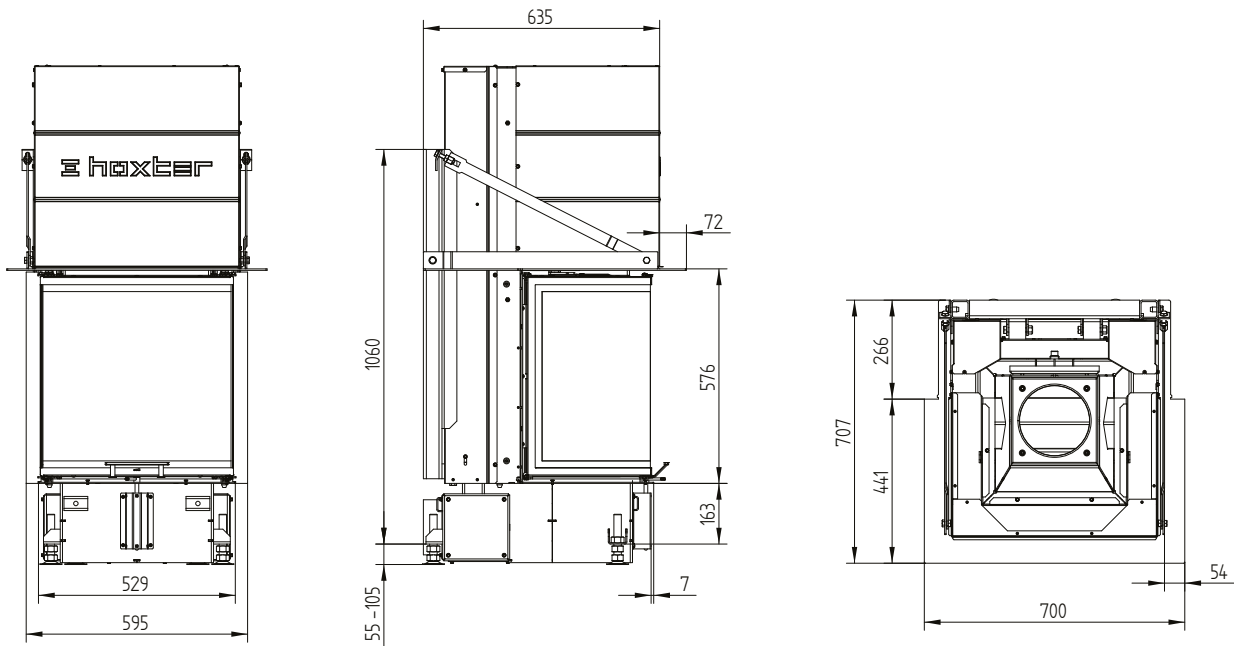
UKA 37/55/37/57h S-accumulation set



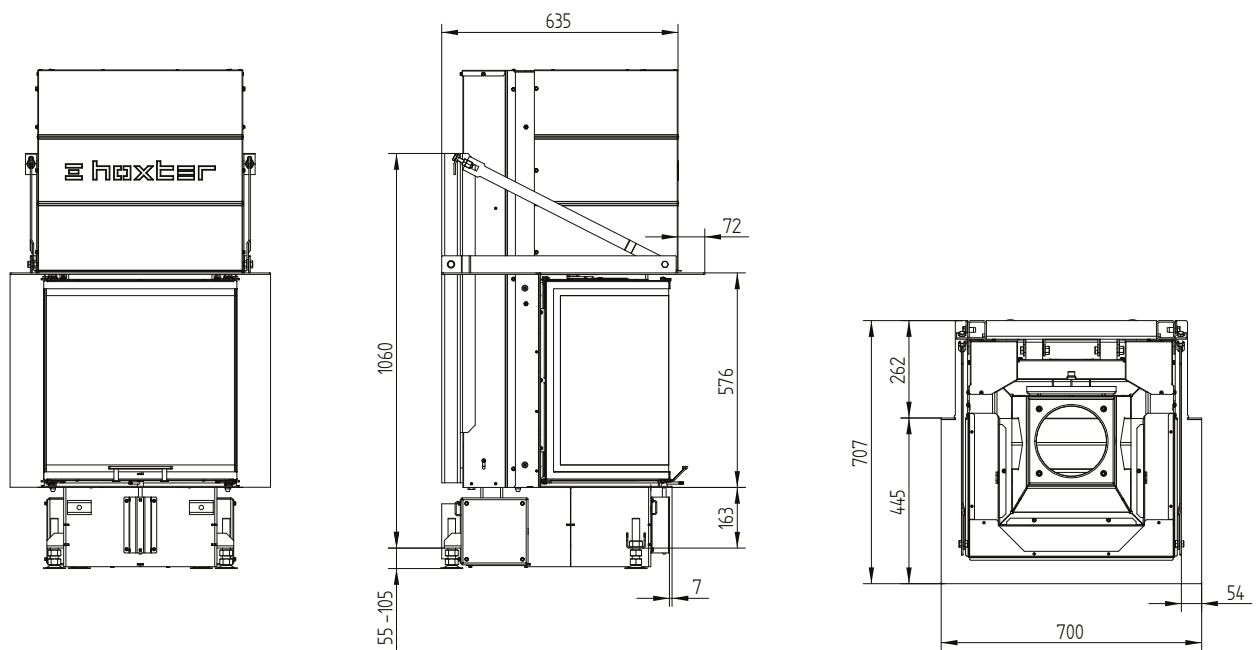
UKA 37/55/37/57h

Technical data
Version 09/2023

UKA 37/55/37/57h supporting construction incl. build-on frame 3sides 70 mm



UKA 37/55/37/57h supporting construction incl. build-on frame 5sides 70 mm



UKA 37/55/37/57h

Technical data
Version 09/2023

UKA 37/55/37/57h supporting construction incl. build-on frame 8sides 70 mm

