

Technical data	operation when directly connected to chimney	operation when connected accumulation mass	
Energy label		----	----
Operating data			
Nominal heat power	10 kW	----	----
Efficiency	> 80 %	----	----
Consumption of wood	3 kg/h	4,5 kg	3,2 kg
Total heat output of the burning chamber	----	18 kW	13 kW
Average heat output / heat accumulation time ⁵	----	1,8 kW / 8 h	1,3 kW / 8 h
Mass flow of flue gas	9 g/s	15 g/s	12 g/s
Required chimney pressure	12 Pa	12 Pa	15 Pa
Required amount of combustion air	30 m³/h	40 m³/h	30 m³/h
Average flue gas temperature			
on the output	294 °C	359 °C	324 °C
behind 2,4 m of ceramic accumulation system KMS 300 ¹	----	224 °C	----
behind S-accumulation rings (5x S-acc. ring Ø345mm)	----	----	231 °C
Heat distribution			
fireplace insert	49 %	35 %	35 %
door glass (single / double)	51 / 0 %	51 / 0 %	51 / 0 %
additional accumulation mass	----	14 %	14 %
Information for ventilated builds			
Minimal grill area supply / outgoing	700 cm²	700 cm²	700 cm²
Minimum distance from insulated areas / floor	50 / 0 mm	50 / 0 mm	
Reference insulation ² ceiling / back wall / side wall / floor	120 / 80 / 0 / 0 mm	120 / 80 / 0 / 0 mm	
Calciumsilicate insulation ³ ceiling / back wall / side wall / floor	80 / 60 / 0 / 0 mm	80 / 60 / 0 / 0 mm	
Information for non-ventilated builds (closed grills)			
Minimum radiant area ⁴	suitable	4 m²	
Minimum distance from insulated areas / floor	50 / 20 mm	50 / 20 mm	
Reference insulation ² ceiling / back wall / side wall / floor	160 / 100 / 0 / 20 mm	160 / 100 / 0 / 20 mm	
Calciumsilicate insulation ³ ceiling / back wall / side wall / floor	120 / 75 / 0 / 20 mm	120 / 75 / 0 / 20 mm	
General technical information			
Total weight / lining weight	circa 277 / 69 kg	circa 277 / 69 kg	
Burning chamber dimensions (width x depth)	520 x 305 mm		
Combustion air connection	Ø 150 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, 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

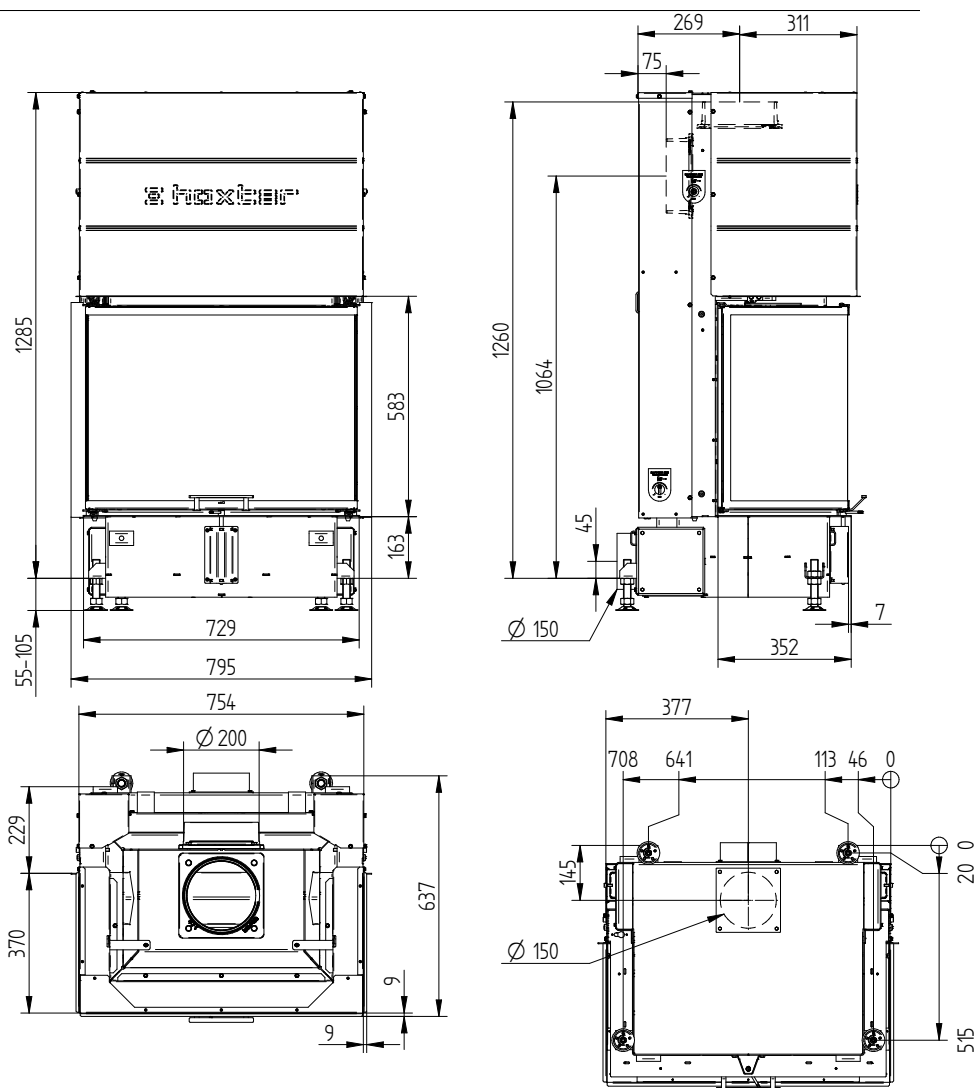
⁴ Depends on accumulation period and material characteristics. Listed values calculated with average specific heat output = approx. 500 W/m²

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

UKA 37/75/37/57h

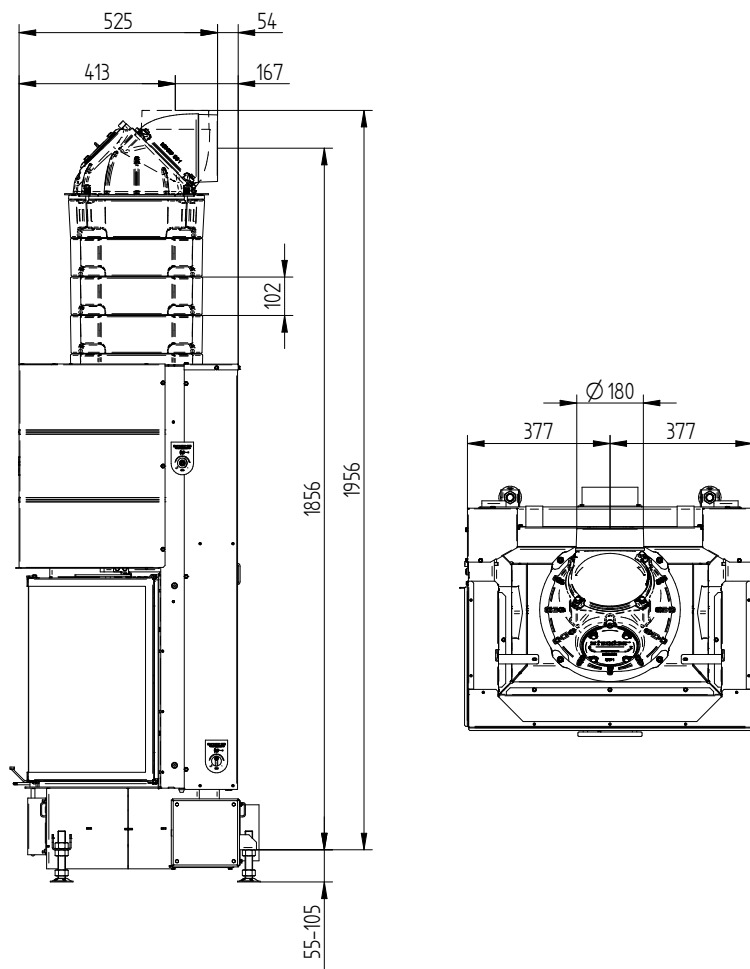
Technical data
Date 06/2026

UKA 37/75/37/57h / air inlet / feet



UKA 37/75/37/57h

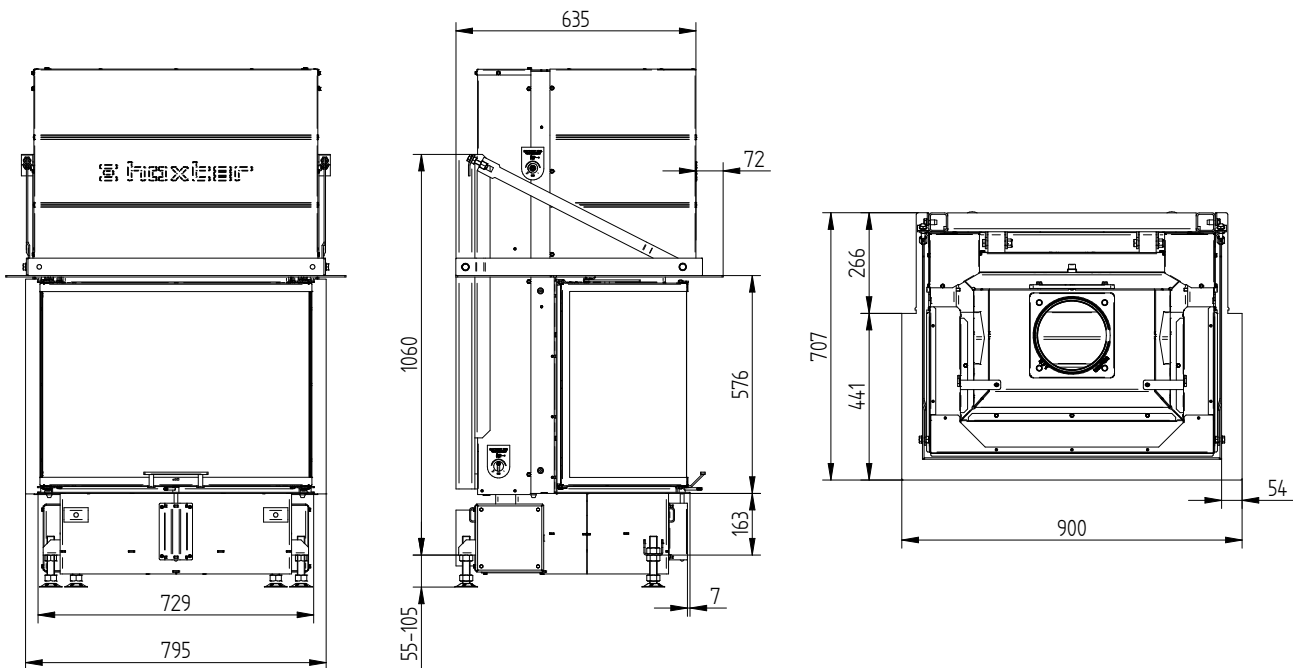
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UKA 37/75/37/57h S-accumulation set

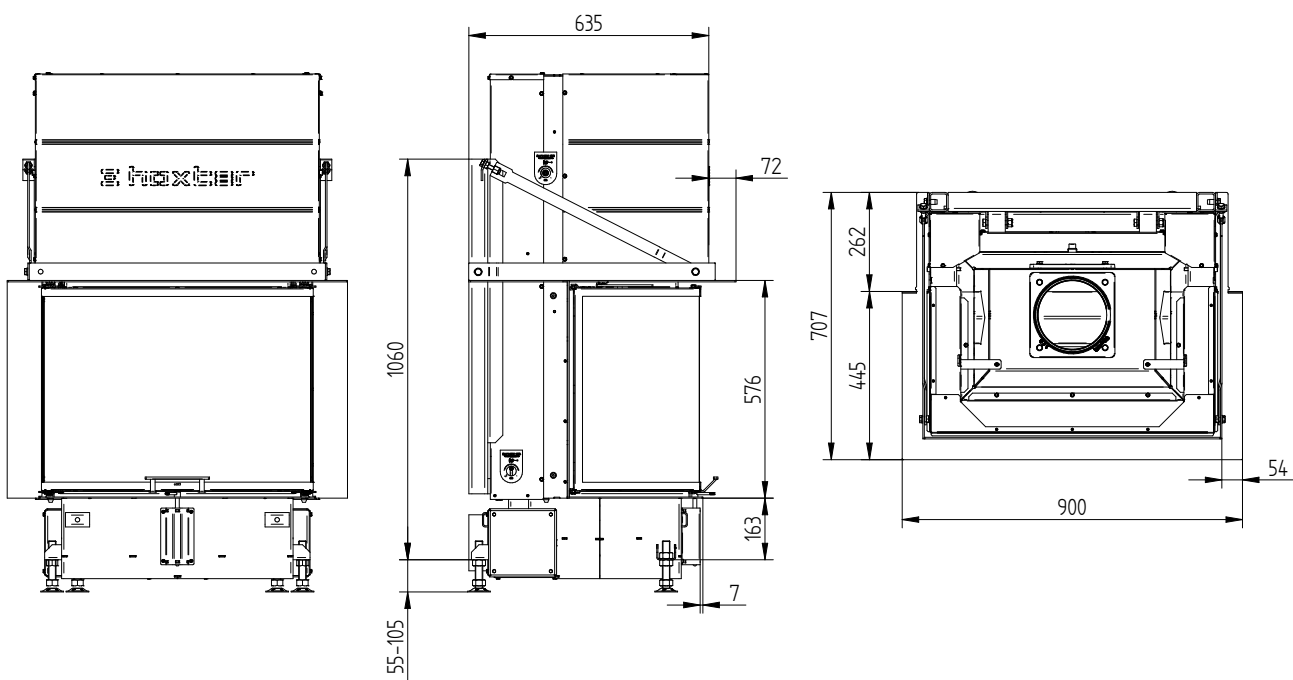
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Technical data
Date 06/2026

UKA 37/75/37/57h supporting construction incl. build-on frame 3sides 70 mm



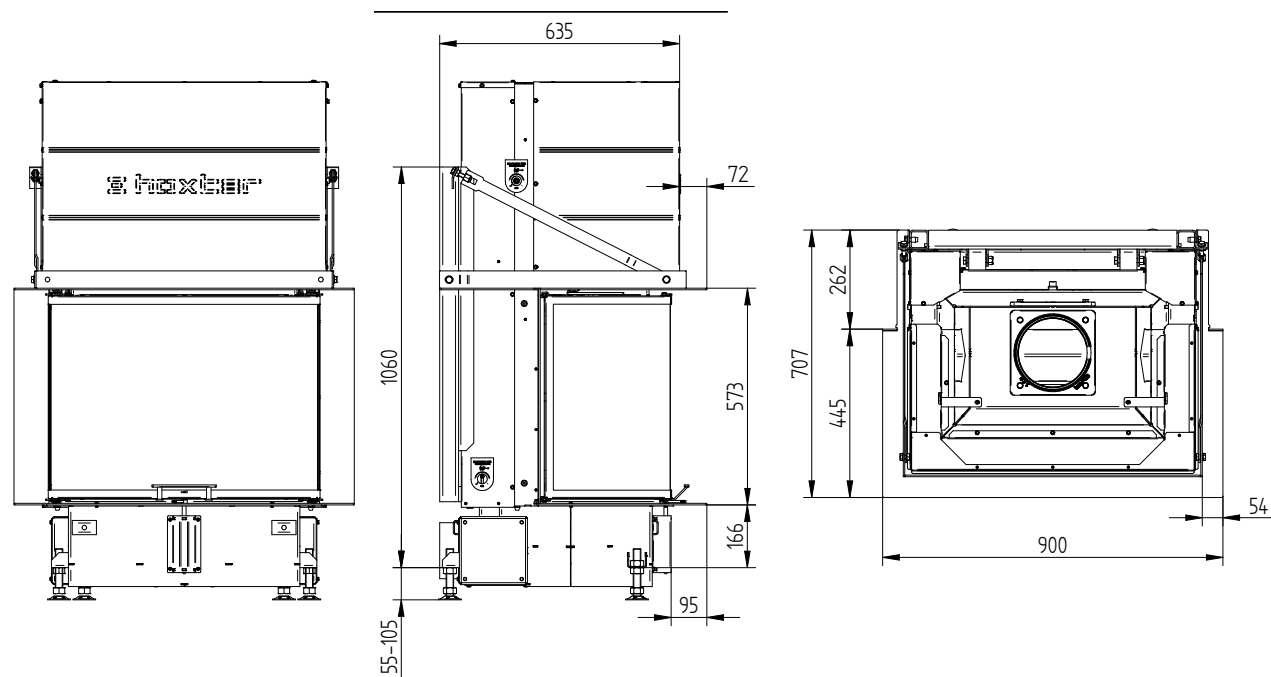
UKA 37/75/37/57h supporting construction incl. build-on frame 5sides 70 mm



UKA 37/75/37/57h

Technical data
Date 06/2026

UKA 37/75/37/57h supporting construction incl. build-on frame 8sides 70 mm



Convection jacket UKA 37/75/37/57h

