

Technical data

Technical data	operation when directly connected to chimney	operation when connected accumulation mass	
Energy label		----	----
Operating data			
Nominal heat power	9 kW	----	----
Efficiency	> 80 %	----	----
Consumption of wood	2,6 kg/h	4 kg	3,5 kg
Total heat output of the burning chamber	----	16 kW	14 kW
Average heat output / heat accumulation time ⁵	----	1,6 kW / 8 h	1,4 kW / 8 h
Mass flow of flue gas	9 g/s	13 g/s	12 g/s
Required chimney pressure	12 Pa	12 Pa	15 Pa
Required amount of combustion air	25 m³/h	35 m³/h	30 m³/h
Average flue gas temperature			
on the output	280 °C	350 °C	333 °C
behind 2,5 m of ceramic accumulation system KMS 240 ¹	----	208 °C	----
behind S-accumulation rings (5x S-acc. ring Ø345mm)	----	----	217 °C
Heat distribution			
fireplace insert	60–70 %	37 %	37 %
door glass (single / double)	40 / 30 %	40 / 30 %	40 / 30 %
additional accumulation mass	----	23–33 %	23–33 %
Information for ventilated builds			
Minimal grill area supply / outgoing	800 cm²	800 cm²	800 cm²
Minimum distance from insulated areas / floor	50 / 0 mm	50 / 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	3,5 m²	
Minimum distance from insulated areas / floor	50 / 20 mm	50 / 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 280 / 70 kg	circa 280 / 70 kg	
Burning chamber dimensions (width x depth)	650 x 210 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

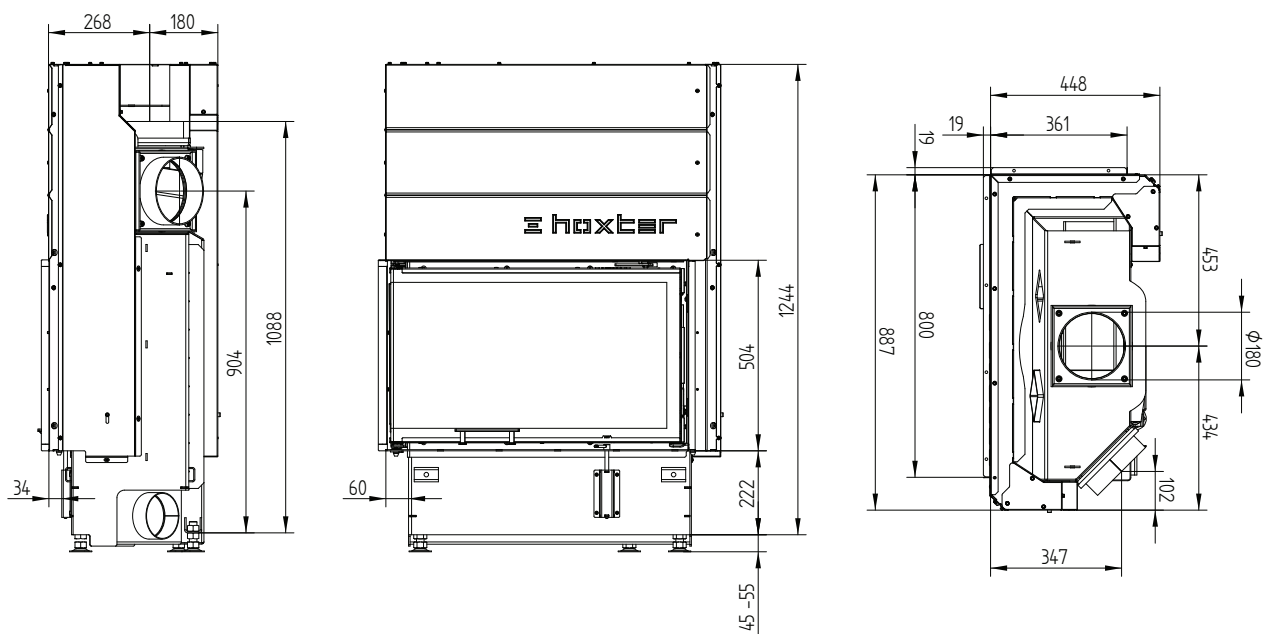
² Mineral wool according to AGI-Q 132

³ Example SkamoEnclosure Board 225 kg/m³

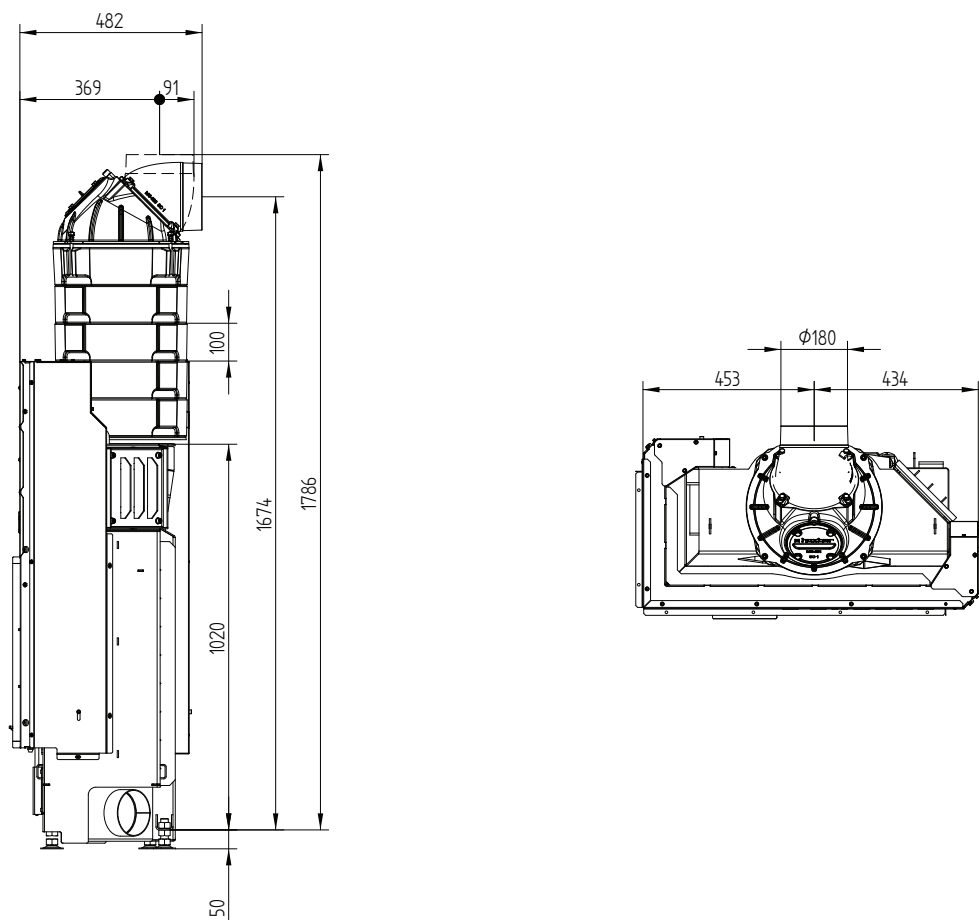
⁴ Depends on accumulation period and material characteristics. Listed values calculated with average specific heat output = approx. 500 W/m²

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

ECKA 80/35/50SLh small instalation dimensions left liftdoor



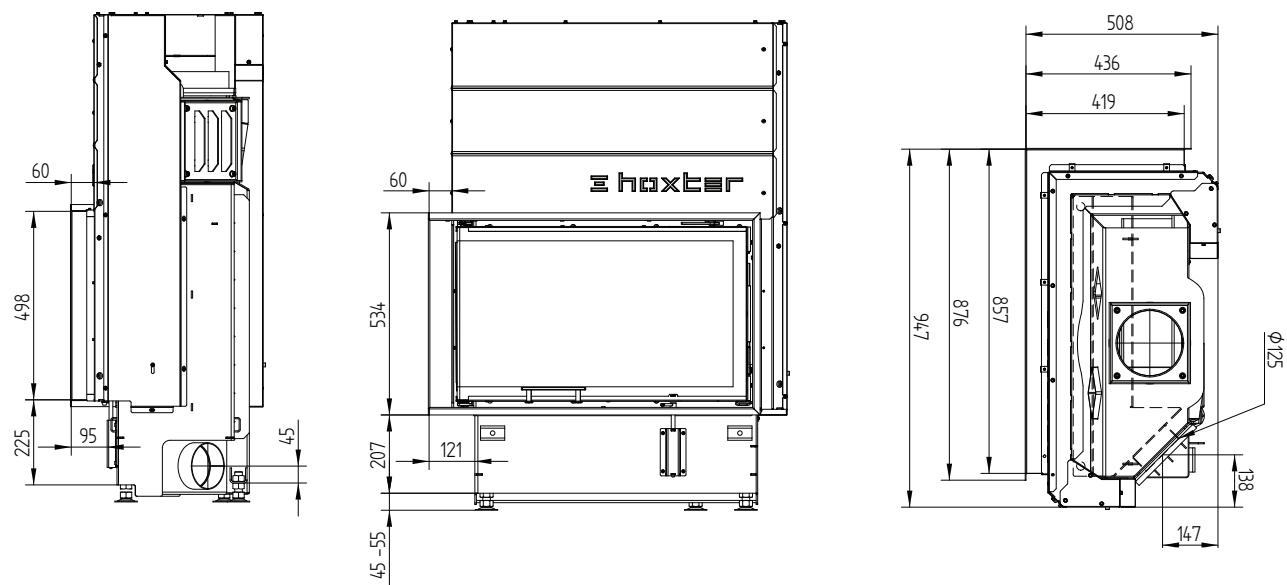
ECKA 80/35/50Sh small instalation dimensions left liftdoor S-accumulation set



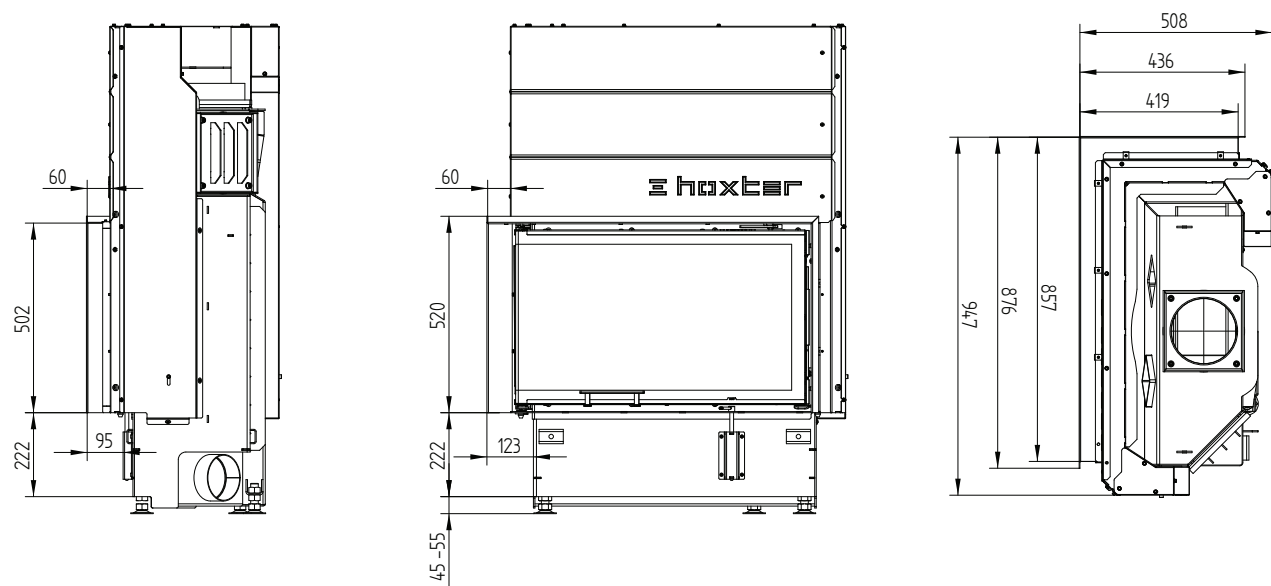
ECKA 80/35/50SLh

Technical data
Date 06/2026

Cover frame 80/35/50Lh left liftdoor 6sides 60 mm 1 x 90° / air inlet



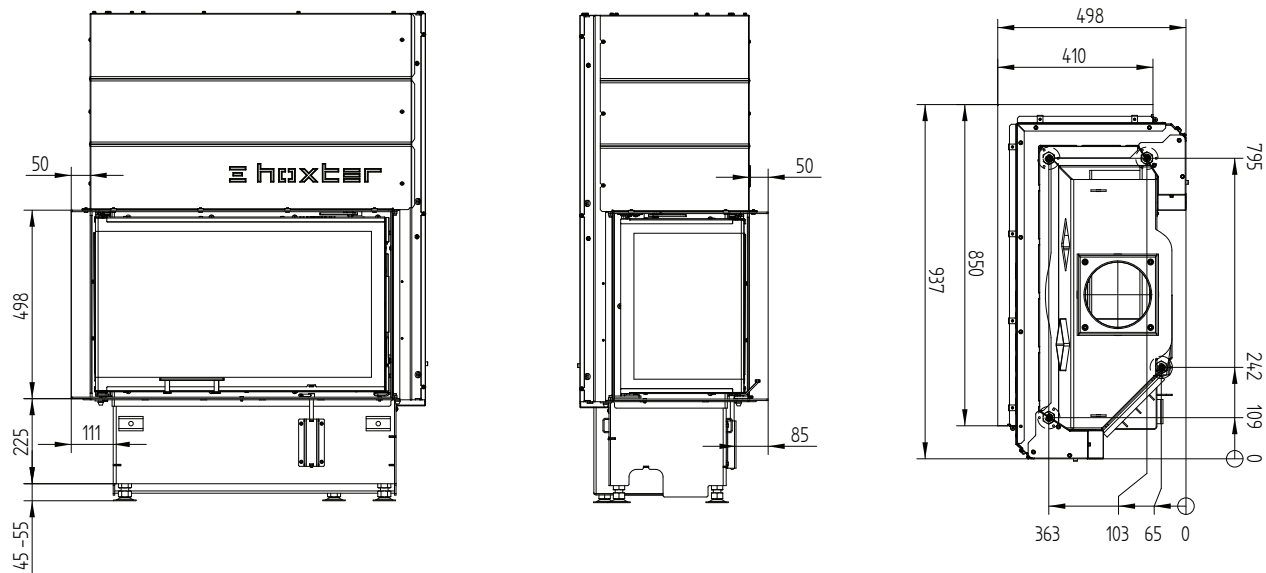
Cover frame 80/35/50Lh left liftdoor 4sides 60 mm 1 x 90°



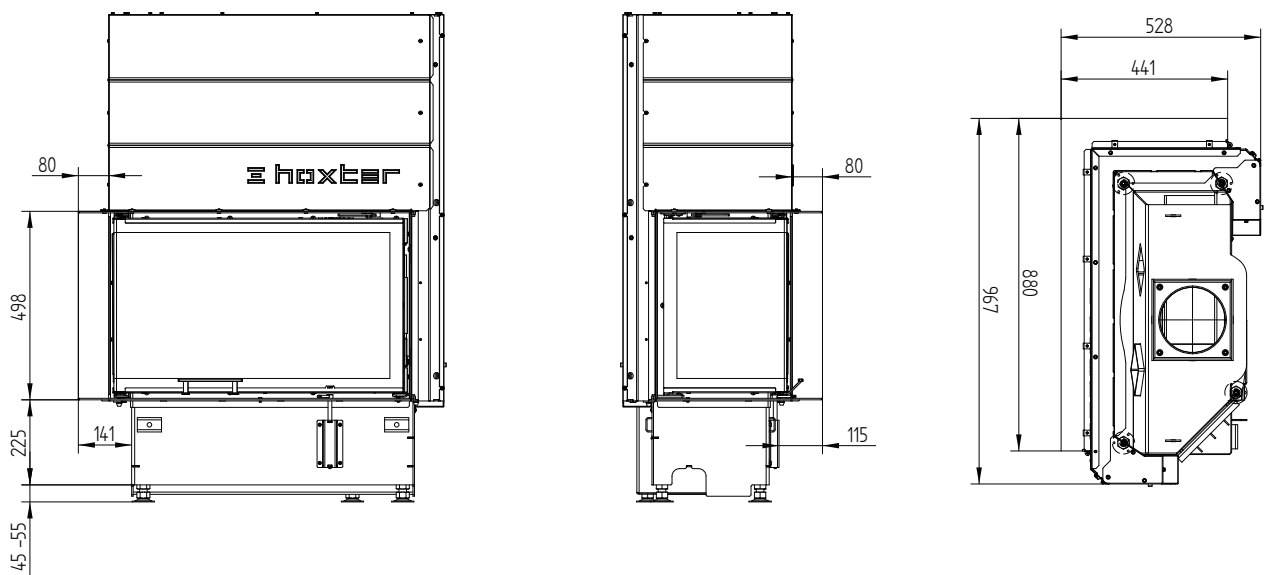
ECKA 80/35/50SLh

Technical data
Date 06/2026

Build-on frame 80/35/50Lh left liftdoor 6sides 50 mm / feet



Build-on frame 80/35/50Lh left liftdoor 6sides 80 mm



ECKA 80/35/50SLh

Technical data
Date 06/2026

Build-on frame 80/35/50Lh left liftdoor 4sides 80 mm

