

Technical data	operation when directly connected to chimney	operation when connected accumulation mass
Energy label	A+	----
Operating data		
Nominal heat power	6 kW	----
Efficiency	> 80 %	----
Consumption of wood	1,8 kg/h	3 kg
Total heat output of the burning chamber	----	12 kW
Average heat output / heat accumulation time ⁴	----	1,2 kW / 8 h
Mass flow of flue gas	6 g/s	10 g/s
Required chimney pressure	12 Pa	12 Pa
Required amount of combustion air	20 m³/h	30 m³/h
Average flue gas temperature		
on the output	230 °C	334 °C
behind S-accumulation rings (5x S-acc. ring Ø345mm)	----	215 °C
Heat distribution		
fireplace insert	54 %	27 %
door glass (single / double)	46 / - %	46 / - %
additional accumulation mass	----	27 %
Information for ventilated builds		
Minimal grill area supply / outgoing	700 cm²	700 cm²
Minimum distance from insulated areas / floor	50 / 0	50 / 0
Reference insulation ¹ ceiling / back wall / side wall / floor	120 / 70 / 0 / 0	120 / 70 / 0 / 0
Calciumsilicate insulation ³ ceiling / back wall / side wall / floor	80 / 50 / 0 / 0	80 / 50 / 0 / 0
Information for non-ventilated builds (closed grills)		
Minimum radiant area ³	suitable	2,5 m²
Minimum distance from insulated areas / floor	50 / 20 mm	50 / 20 mm
Reference insulation ¹ ceiling / back wall / side wall / floor	160 / 90 / 0 / 20 mm	160 / 90 / 0 / 20 mm
Calciumsilicate insulation ² ceiling / back wall / side wall / floor	120 / 70 / 0 / 20 mm	120 / 70 / 0 / 20 mm
General technical information		
Total weight / lining weight	circa 135 / 36 kg	circa 135 / 36 kg
Burning chamber dimensions (width x depth)	250 x 205 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	BlmSchV (Stufe2), 15a BVG	

¹ Mineral wool according to AGI-Q 132

² Example SkamoEnclosure Board 225 kg/m³

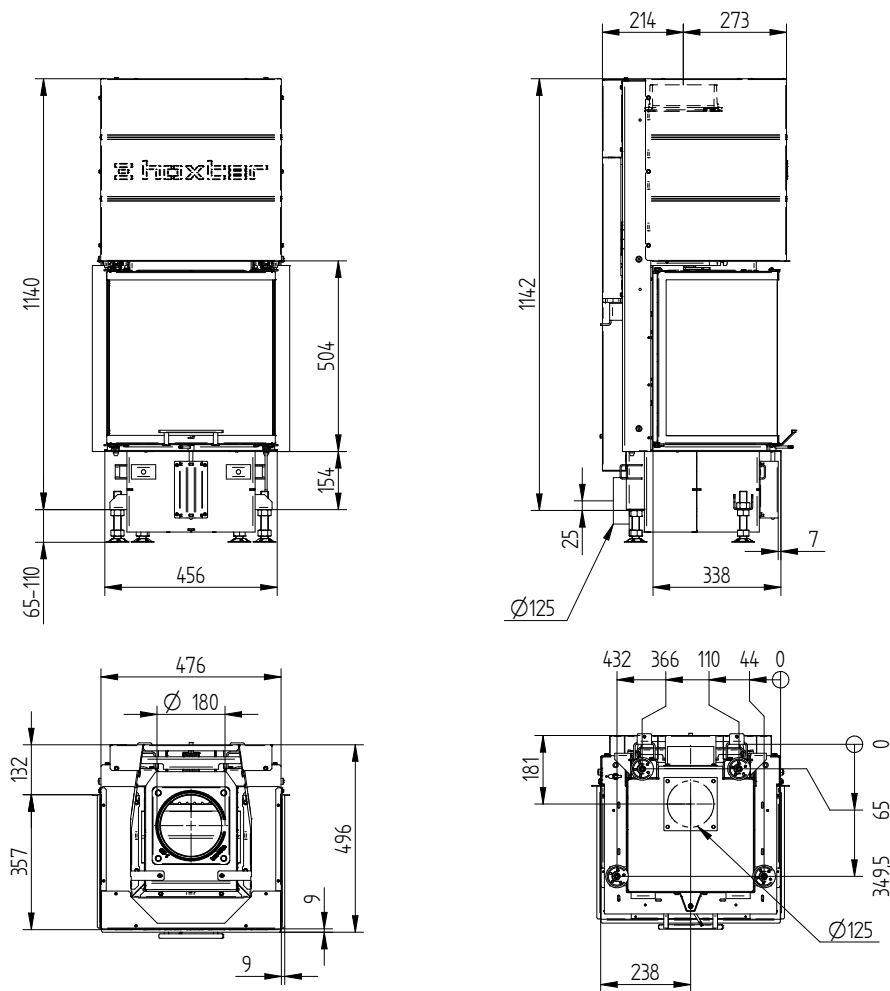
³ Depends on accumulation period and material characteristics. Listed values calculated with average specific heat output = approx. 500 W/m²

⁴ Storage operation, one wood charge for storage duration, with closed construction and efficiency > 80%

UKA 35/45/35/50Sh

Technical data
Date 06/2026

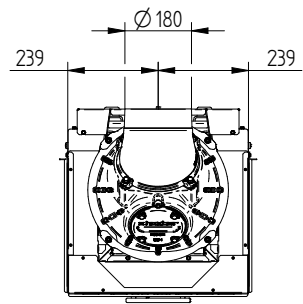
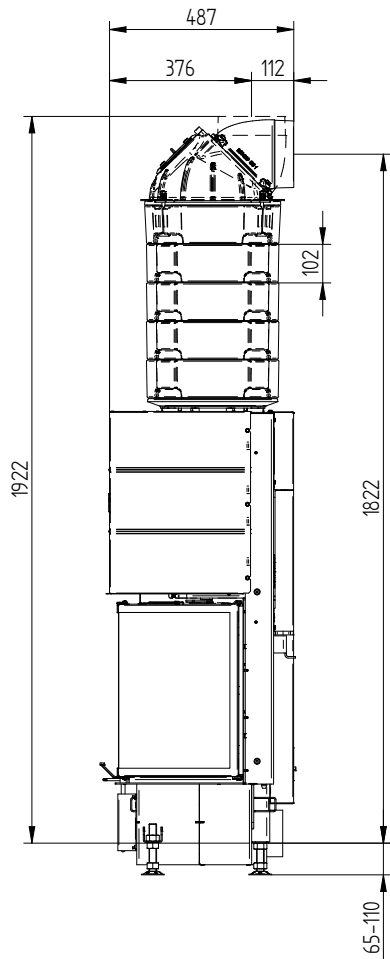
UKA 35/45/35/50Sh / air inlet / feet



UKA 35/45/35/50Sh

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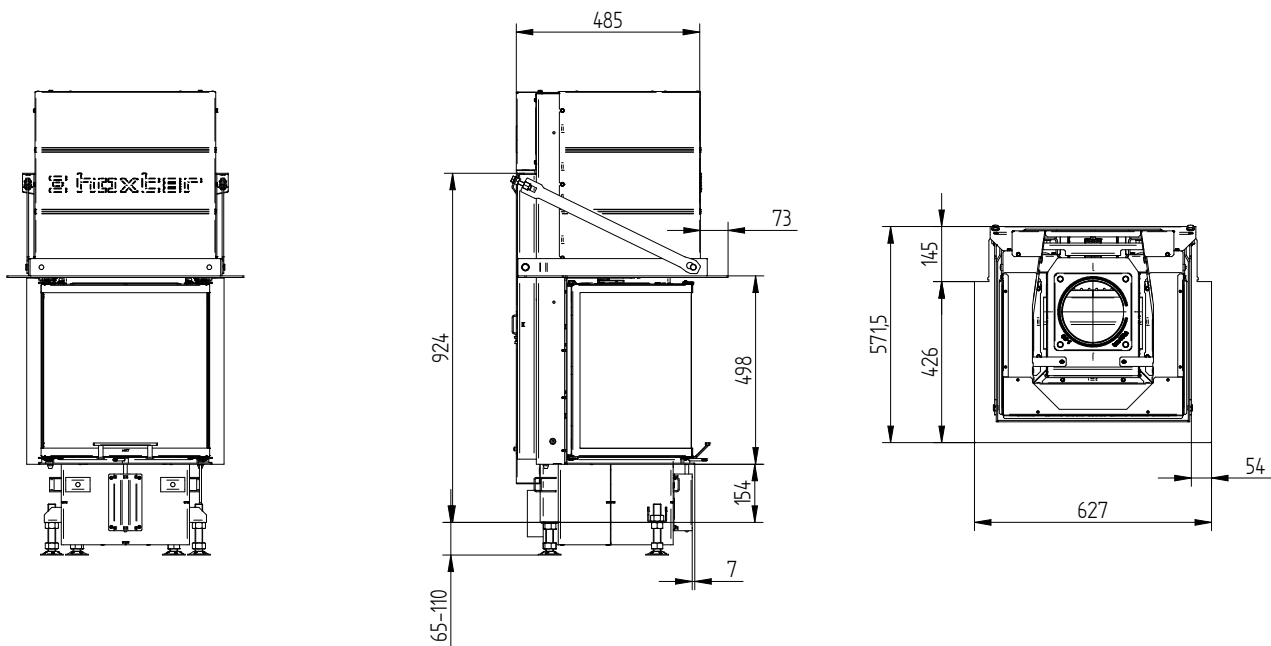
UKA 35/45/35/50Sh S-accumulation set



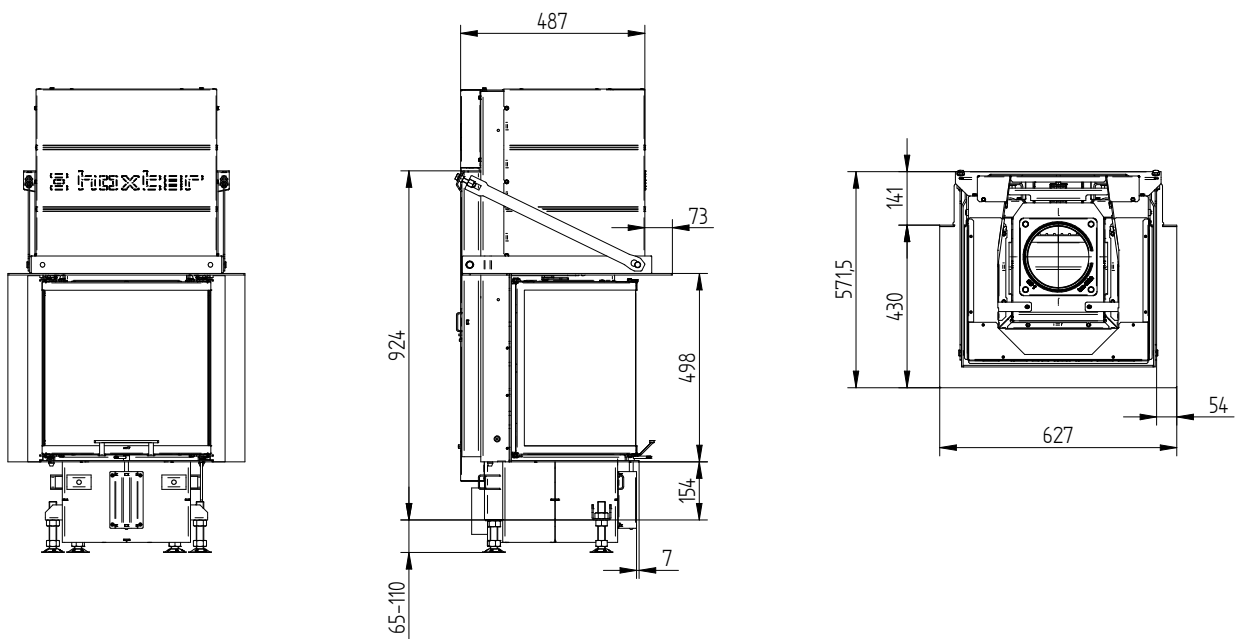
UKA 35/45/35/50Sh

Technical data
Date 06/2026

UKA 35/45/35/50Sh supporting construction incl. build-on frame 3sides 70 mm



UKA 35/45/35/50Sh supporting construction incl. build-on frame 5sides 70 mm



UKA 35/45/35/50Sh

Technical data
Date 06/2026

UKA 35/45/35/50Sh supporting construction incl. build-on frame 8sides 70 mm

