

	operation when directly connected to chimney	operation when connected accumulation mass	
Energy label			
Operating data			
Nominal heat power	13 kW	----	----
Efficiency	> 80 %	----	----
Consumption of wood	3,7 kg/h	5 kg	4 kg
Total heat output of the burning chamber	----	20 kW	16 kW
Mass flow of flue gas	9,7 g/s	15 g/s	12 g/s
Required chimney pressure	12 Pa	12 Pa	15 Pa
Required amount of combustion air	40 m³/h	50 m³/h	40 m³/h
Average flue gas temperature			
on the output	332 °C	369 °C	347 °C
past 2,4 m of ceramic accumulation system KMS 300 ¹	----	233 °C	----
past S-accumulation rings (5x S-acc. ring Ø345mm)	----	----	221 °C
Heat distribution			
fireplace insert	48 %	35 %	35 %
door glass (single / double)	52 / 0 %	52 / 0 %	51 / 0 %
adjoining accumulation mass	----	13 %	14 %
Information for ventilated builds			
Minimal grill area supply / outgoing	1050 / 1250 cm²	1050 / 1250 cm²	1050 / 1250 cm²
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	5 m²	5 m²	
Minimum distance from insulated areas / floor	50 / 20 mm	50 / 20 mm	
Reference insulation ² ceiling / back wall / side wall / floor	190 / 90 / 0 / 20 mm	190 / 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	ca. 326 / 89 kg	ca. 326 / 89 kg	
Burning chamber dimensions (width x depth)	720 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

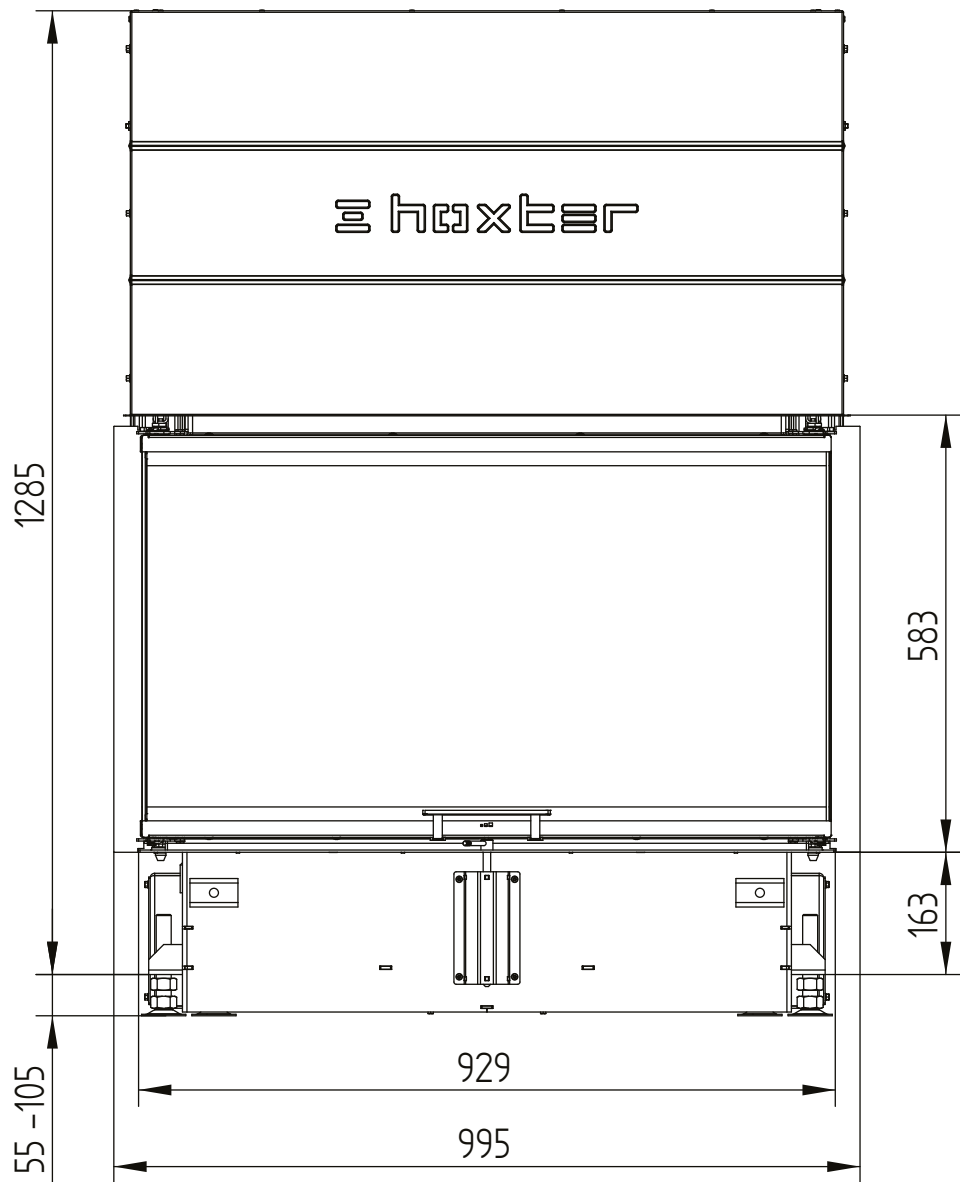
⁴ Depends on accumulation period and material characteristics. Listed values calculated with chamotte stone thickness 30 mm with radiant area 500 W/m²

UKA 37/95/37/57

Technical data
Version 2019/08

air connection / feet

M 1:10

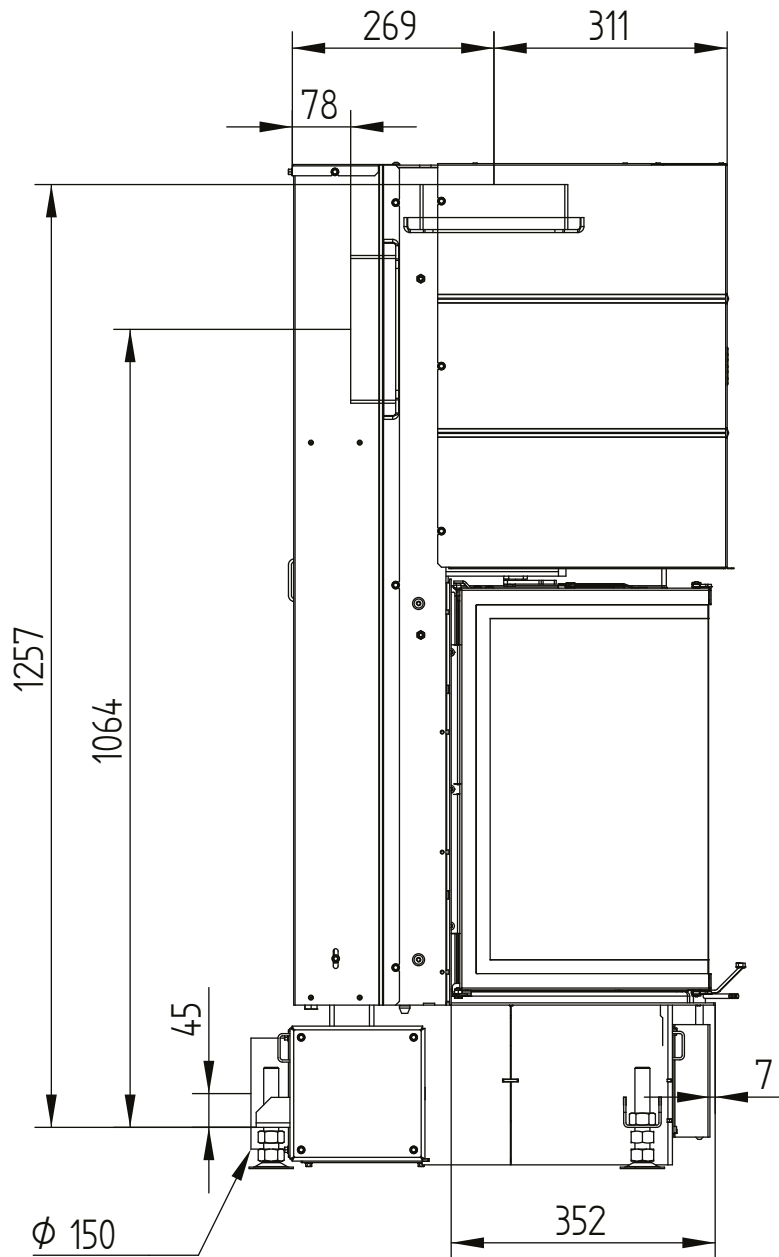


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Technical data
Version 2019/08

air connection / feet

M 1:10

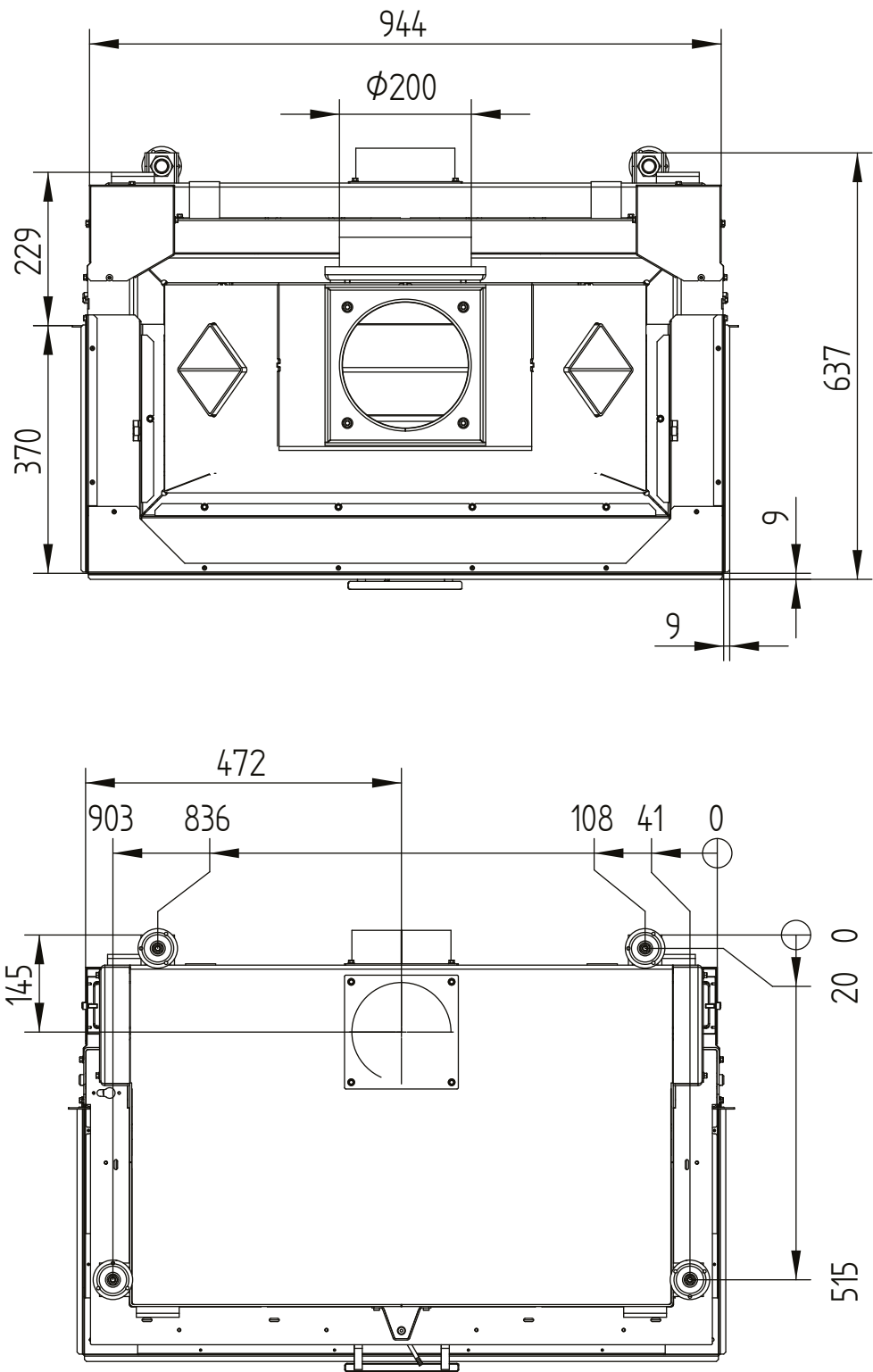


UKA 37/95/37/57

Technical data
Version 2019/08

air connection / feet

M 1:10

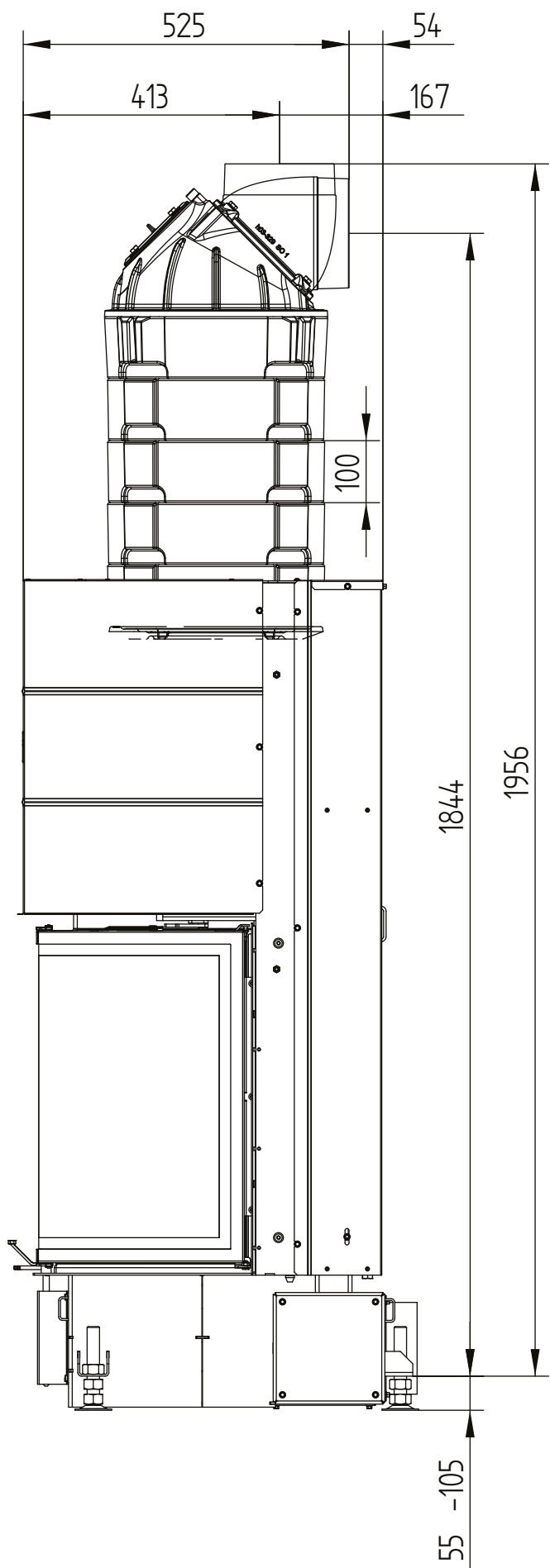


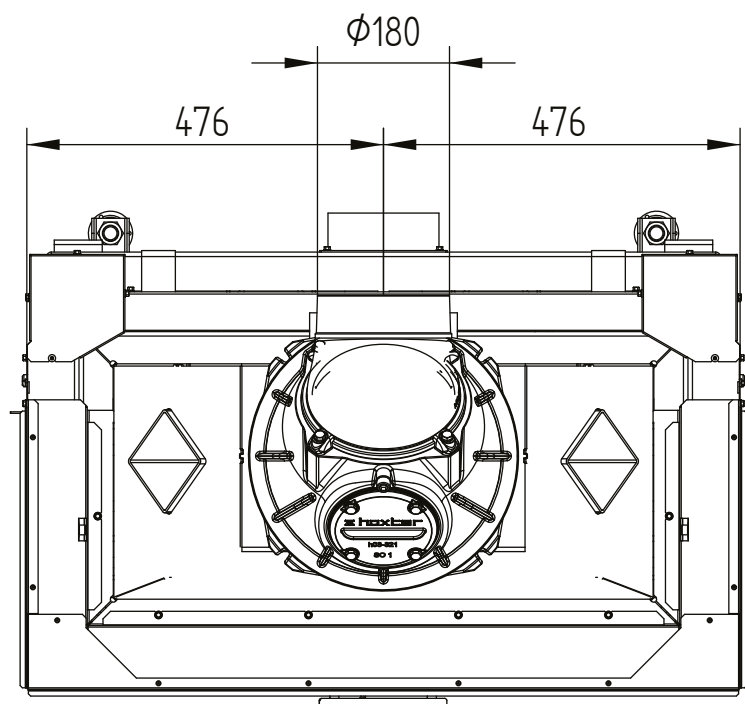
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S-accumulation rings

Technical data
Version 2019/08

M 1:10



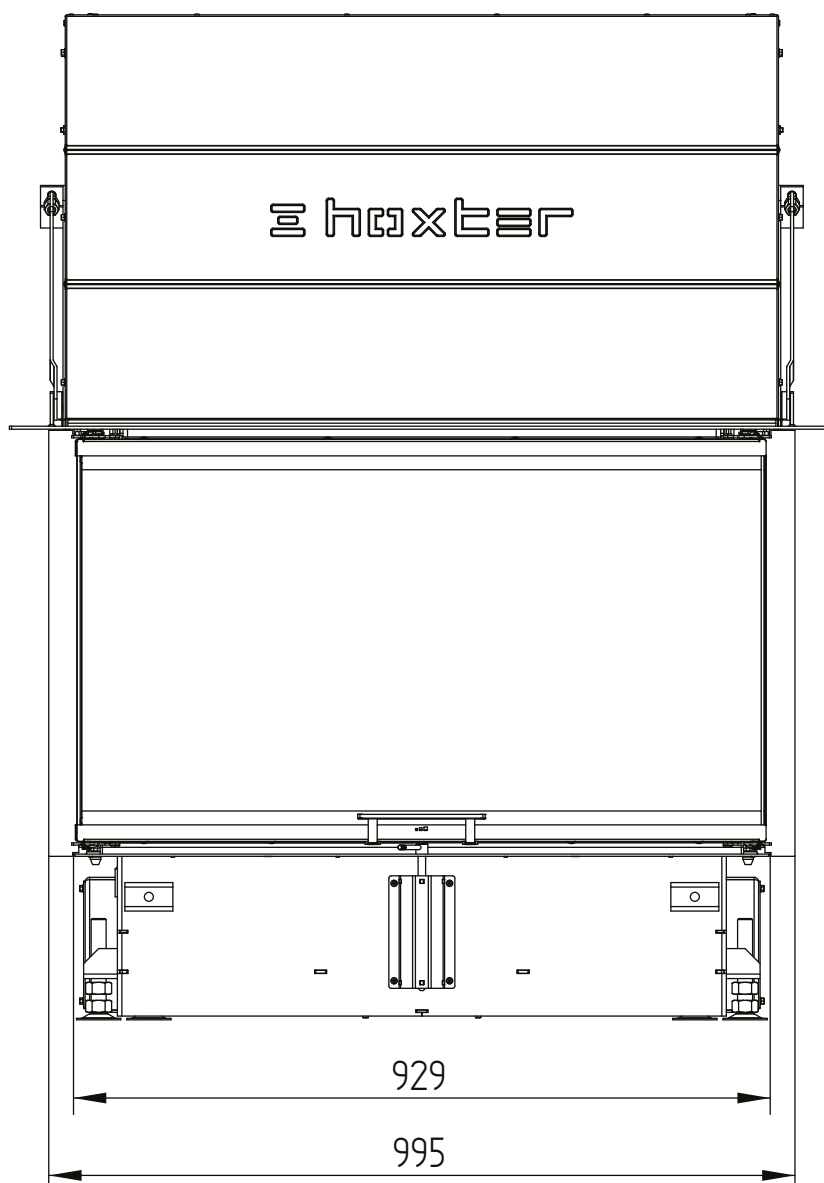


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Technical data
Version 2019/08

supporting construction incl. build-on frame 3sides 70 mm

M 1:10

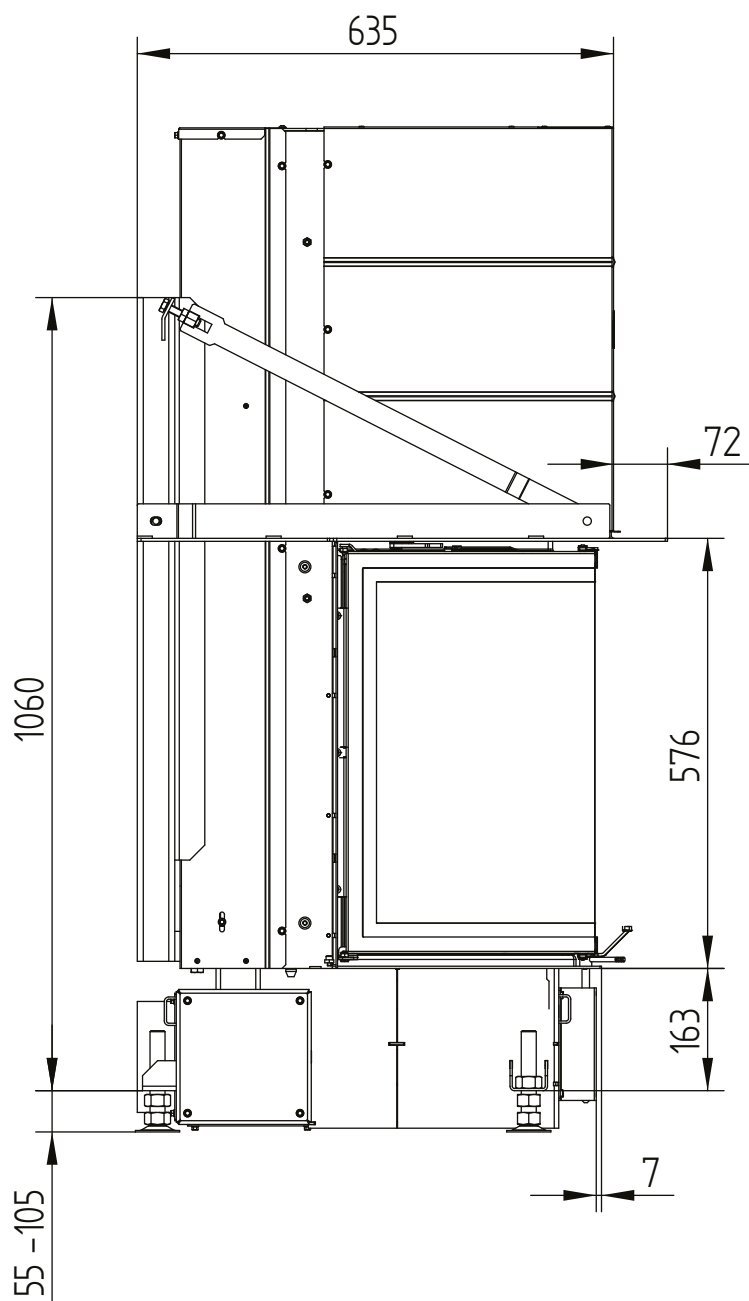


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Technical data
Version 2019/08

supporting construction incl. build-on frame 3sides 70 mm

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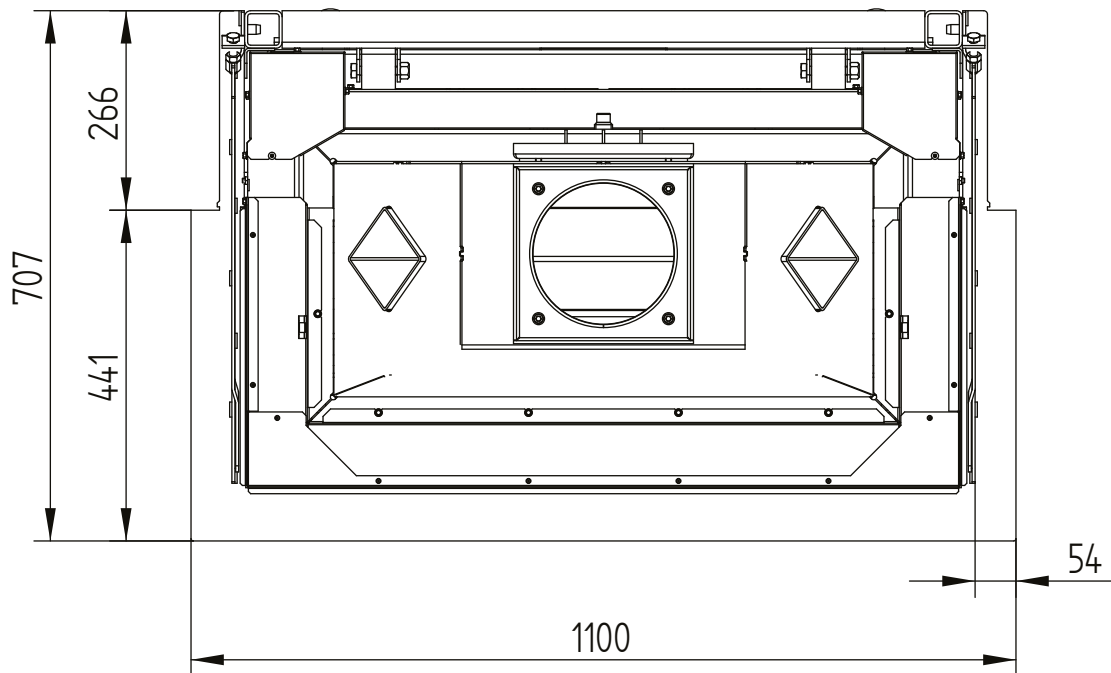


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Technical data
Version 2019/08

supporting construction incl. build-on frame 3sides 70 mm

M 1:10

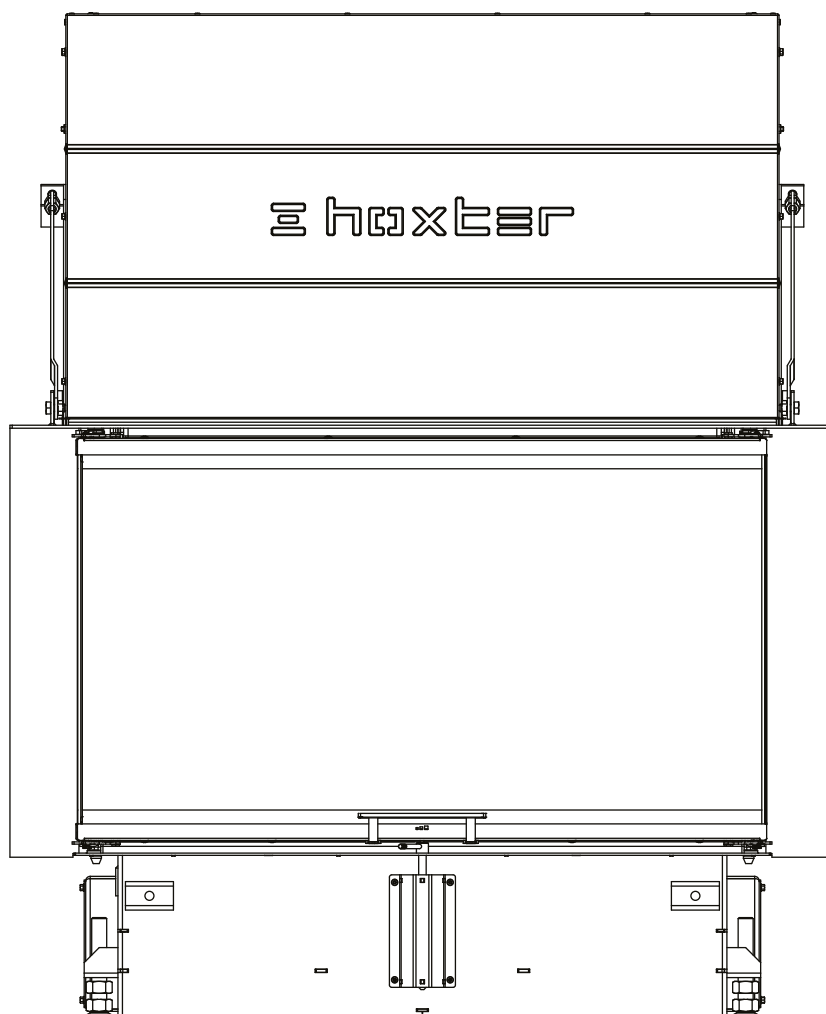


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Technical data
Version 2019/08

supporting construction incl. build-on frame 5sides 70 mm

M 1:10

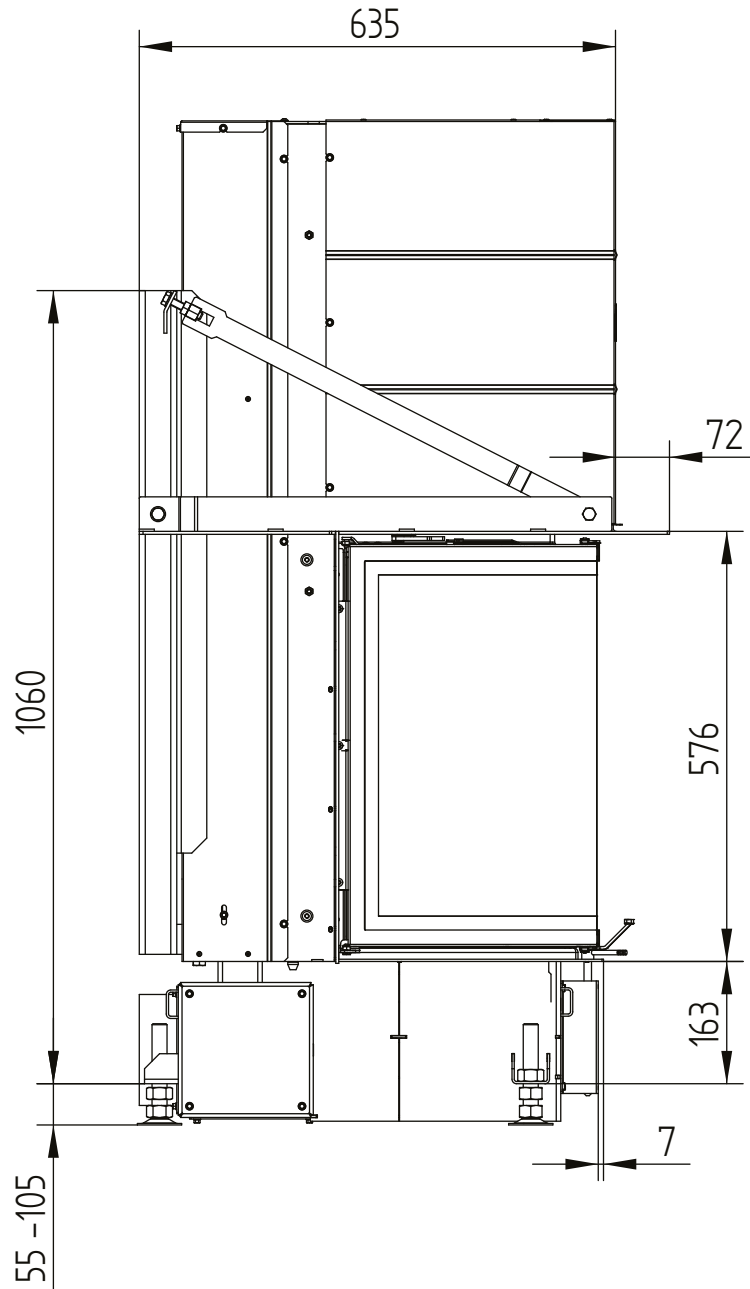


UKA 37/95/37/57

Technical data
Version 2019/08

supporting construction incl. build-on frame 5sides 70 mm

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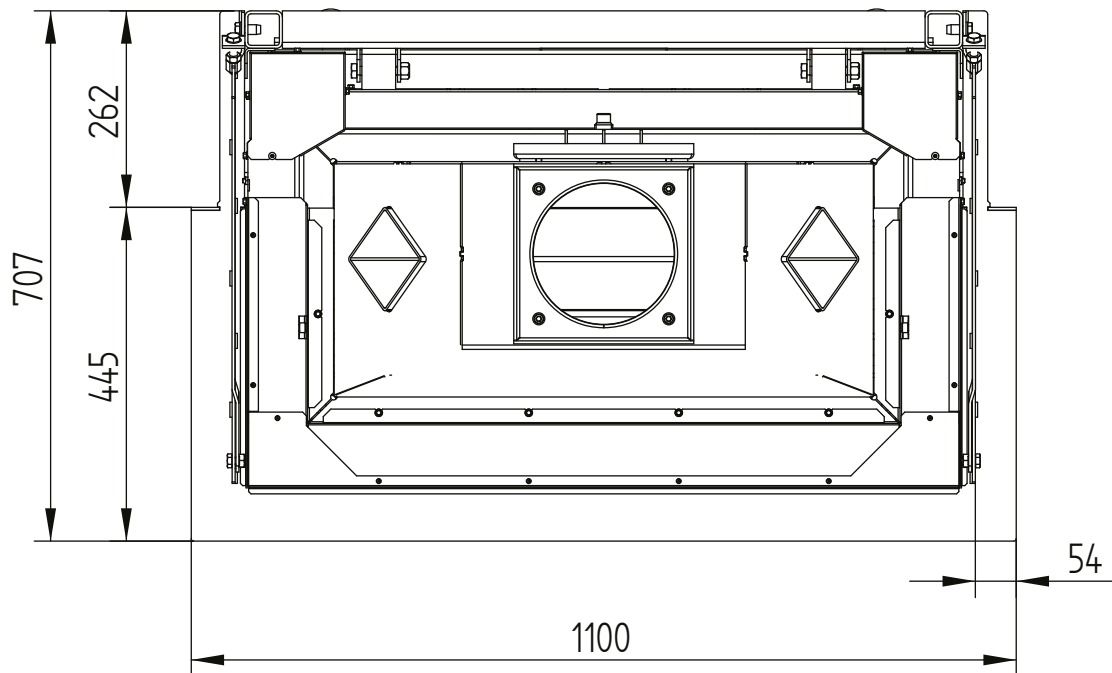


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Technical data
Version 2019/08

supporting construction incl. build-on frame 5sides 70 mm

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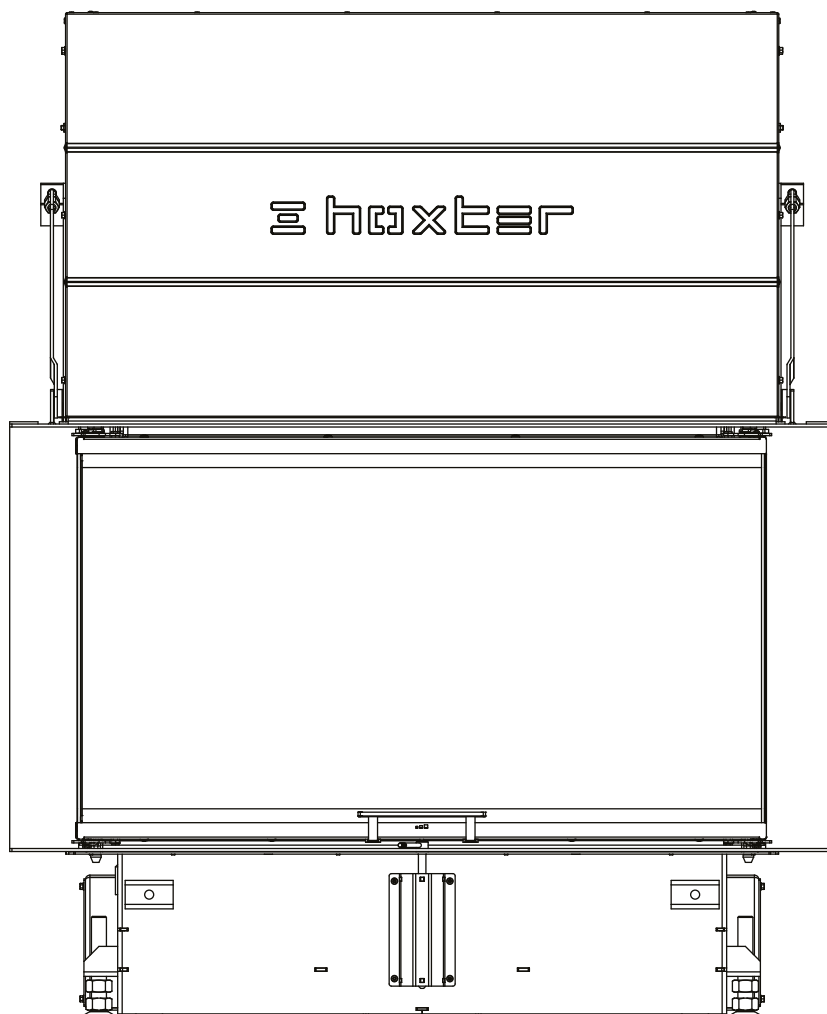


UKA 37/95/37/57

Technical data
Version 2019/08

supporting construction incl. build-on frame 8sides 70 mm

M 1:10

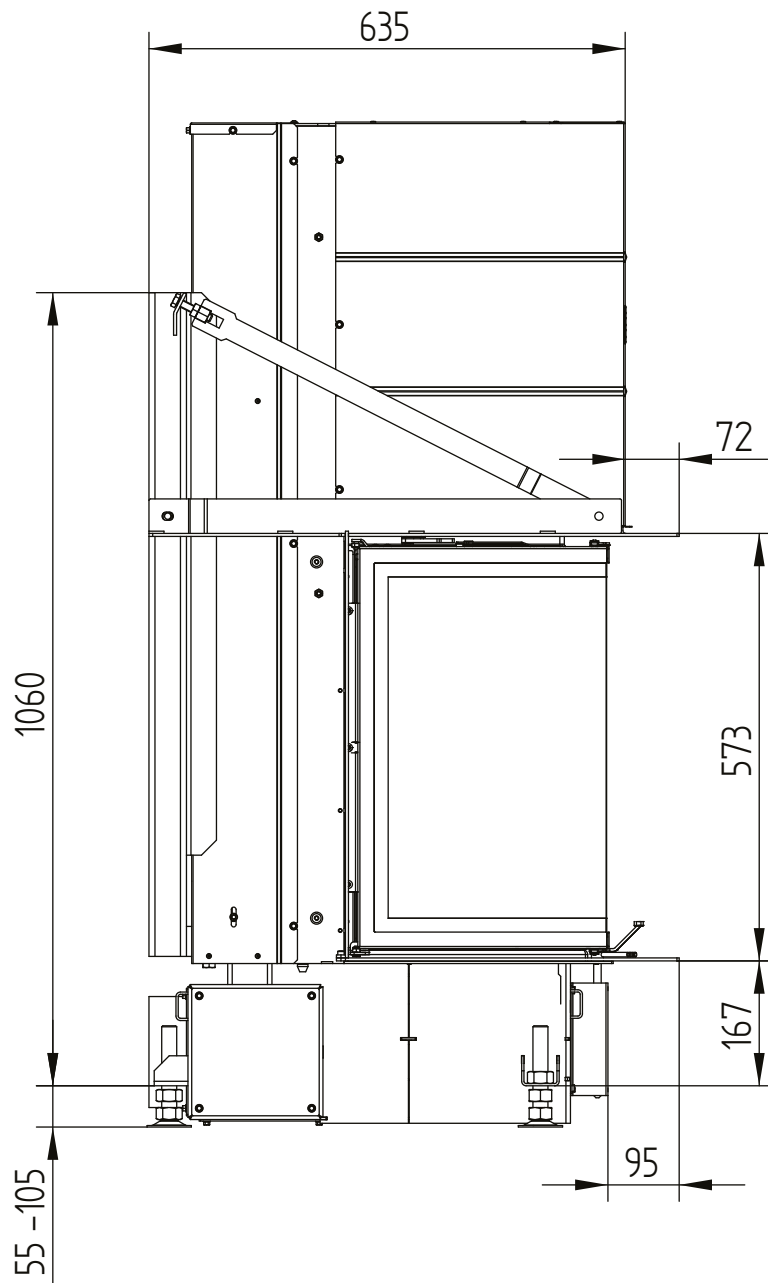


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Technical data
Version 2019/08

supporting construction incl. build-on frame 8sides 70 mm

M 1:10



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Technical data
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supporting construction incl. build-on frame 8sides 70 mm

M 1:10

