

	operation when directly connected to chimney	operation when connected accumulation mass	
		A+	A+
Energy label	A+	A+	A+
Operating data			
Nominal heat power	7 kW	----	----
Efficiency	> 80 %	----	----
Consumption of wood	2,2 kg/h	3,5 kg	3,1 kg
Total heat output of the burning chamber	----	13 kW	11 kW
Mass flow of flue gas	7,2 g/s	12 g/s	11 g/s
Required chimney pressure	12 Pa	12 Pa	15 Pa
Required amount of combustion air	20 m ³ /h	30 m ³ /h	30 m ³ /h
Average flue gas temperature			
on the output	262 °C	360 °C	340 °C
past 2,5 m of ceramic accumulation system KMS 240 ¹	----	210 °C	----
past S-accumulation rings (5x S-acc. ring Ø345mm)	----	----	220 °C
Heat distribution			
fireplace insert	56-66 %	30 %	30 %
door glass (single / double)	44 / 34 %	44 / 34 %	44 / 34 %
adjoining accumulation mass	----	36-46 %	36-46 %
Information for ventilated builds			
Minimal grill area supply / outgoing	700 / 800 cm ²	700 / 800 cm ²	700 / 800 cm ²
Minimum distance from insulated areas / floor	50 / 0 mm	50 / 0 mm	
Reference insulation ² ceiling / back wall / side wall / floor	120 / 0 / 70 / 0 mm	120 / 0 / 70 / 0 mm	
Calciumsilicate insulation ³ ceiling / back wall / side wall / floor	80 / 0 / 50 / 0 mm	80 / 0 / 50 / 0 mm	
Information for non-ventilated builds (closed grills)			
Minimum radiant area ⁴	3 m ²	4 m ²	
Minimum distance from insulated areas / floor	50 / 20 mm	50 / 20 mm	
Reference insulation ² ceiling / back wall / side wall / floor	160 / 0 / 90 / 20 mm	160 / 0 / 90 / 20 mm	
Calciumsilicate insulation ³ ceiling / back wall / side wall / floor	120 / 0 / 70 / 20 mm	120 / 0 / 70 / 20 mm	
General technical information			
Total weight / lining weight	ca. 255 / 65 kg	ca. 255 / 65 kg	
Burning chamber dimensions (width x depth)	520 x 290 mm		
Combustion air connection	Ø 125 mm		
Use in non-ventilated accumulation builds according to craft rules	suitable		
Tested according to	EN 13229		
Meets values	1. BlmSchV (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

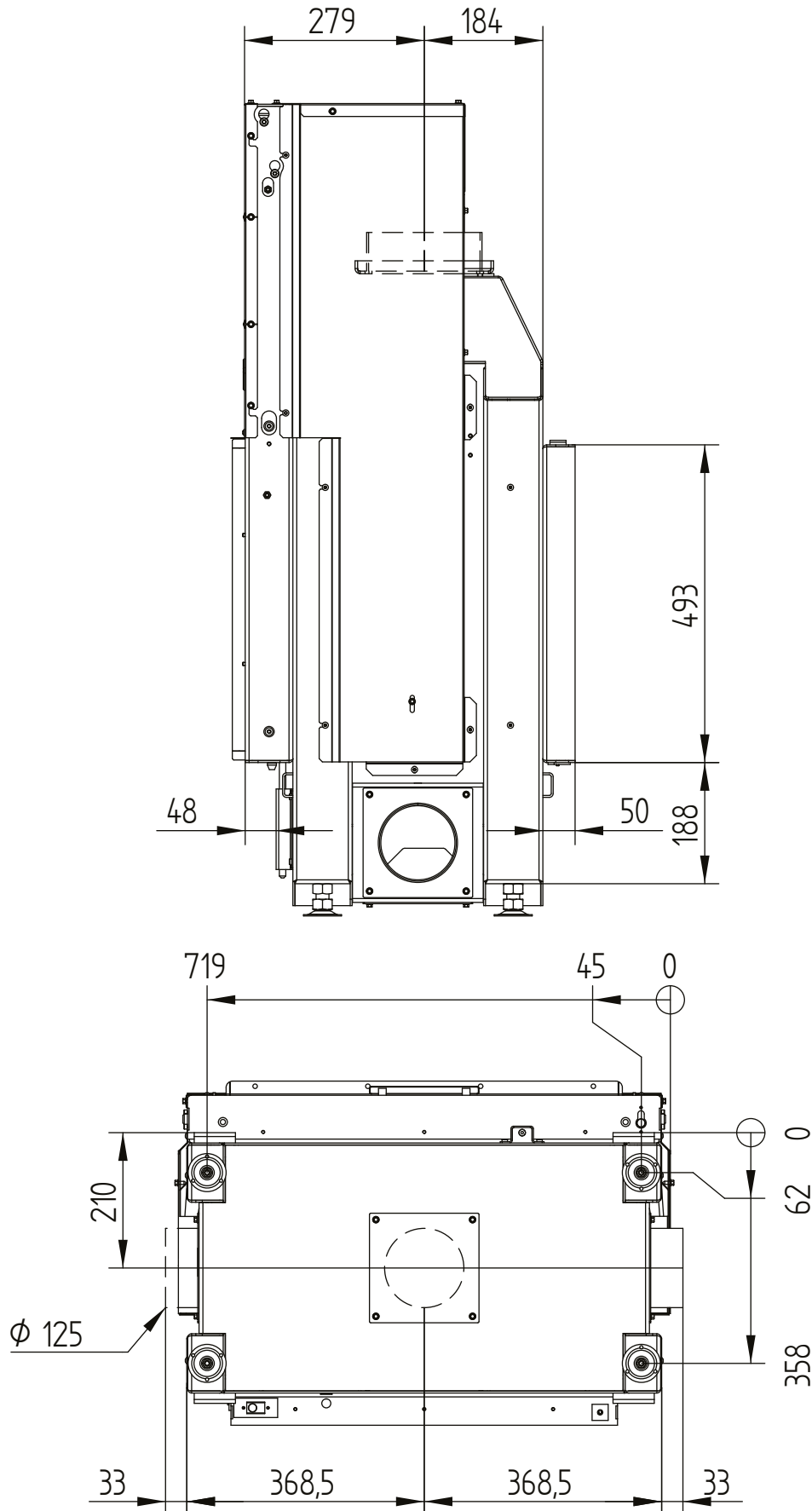
4 Depends on accumulation period and material characteristics. Listed values calculated with chamotte stone thickness 30 mm with radiant area 500 W/m²

HAKA 60/50 tunnel

Technical data
Version 2019/08

air intake / feet

M 1:10

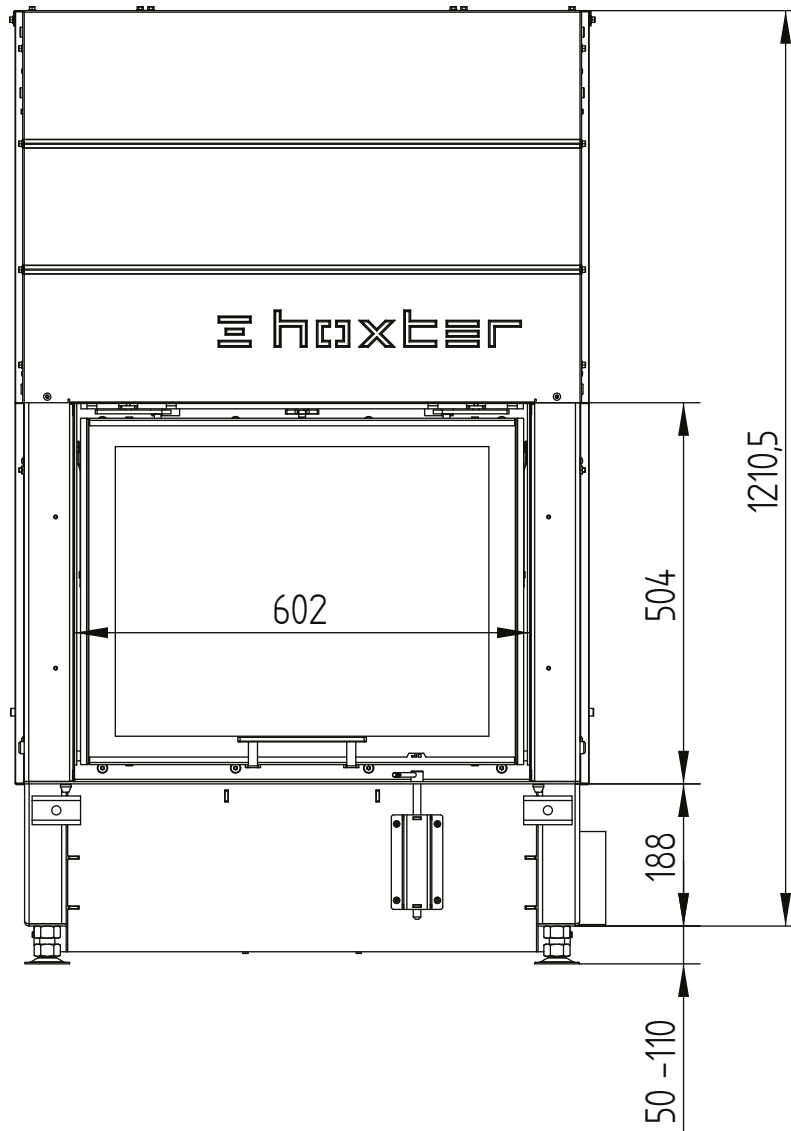


HAKA 60/50 tunnel

Technical data
Version 2019/08

air intake / feet

M 1:10

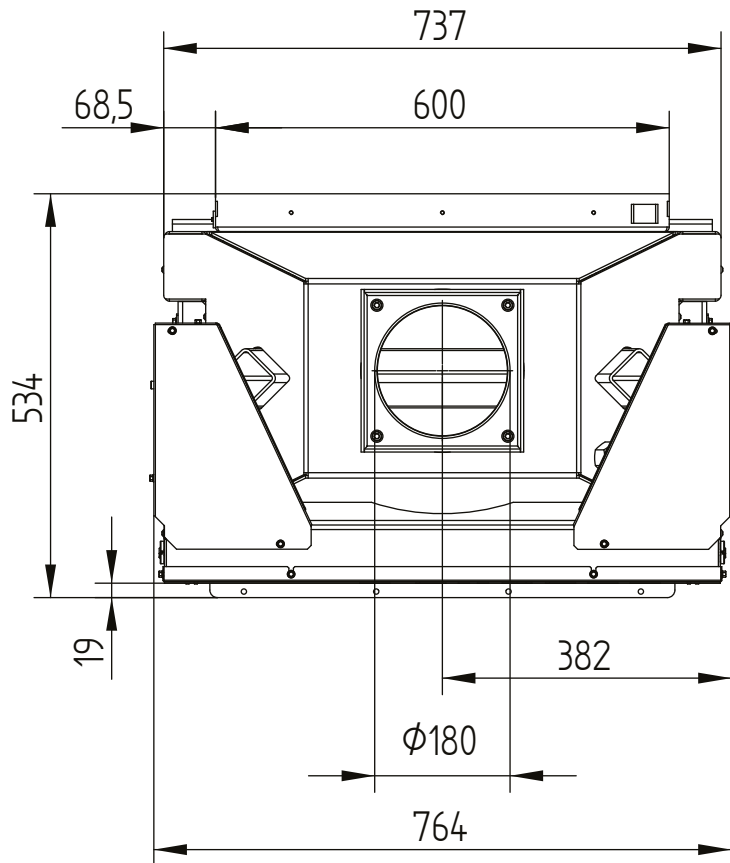


HAKA 60/50 tunnel

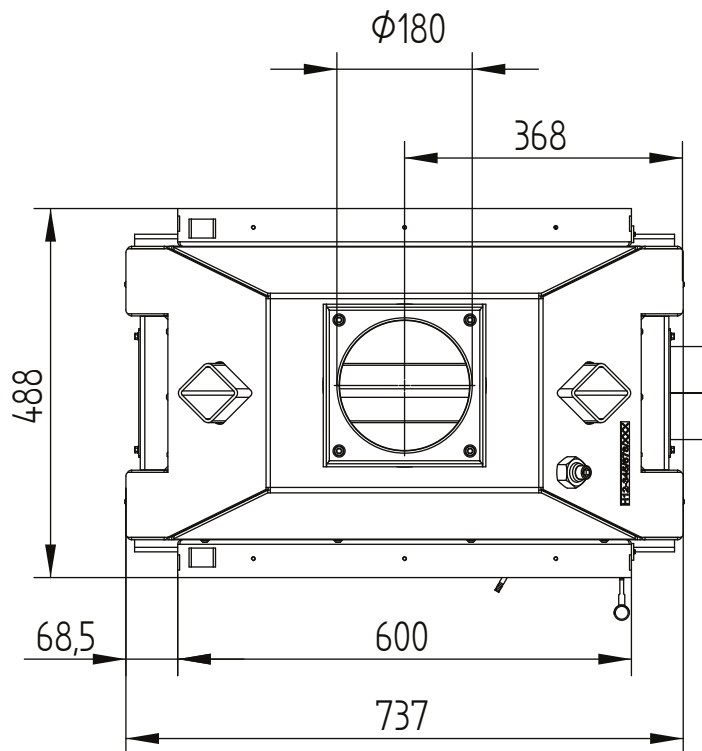
Technical data
Version 2019/08

air intake / feet

M 1:10



Hochschiebbare Tür



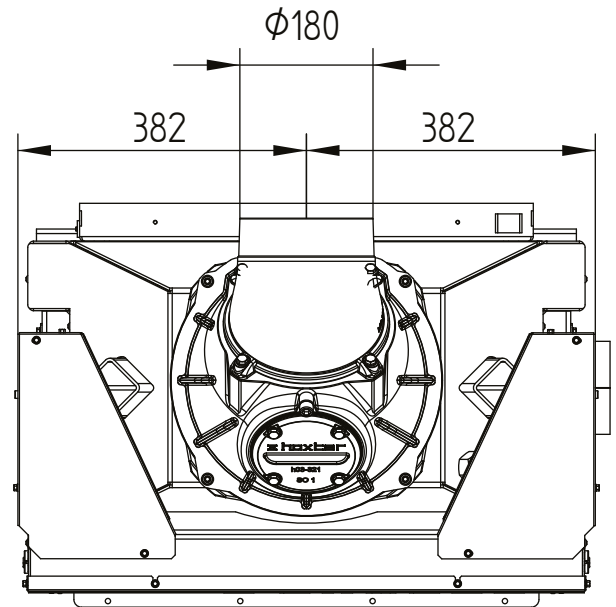
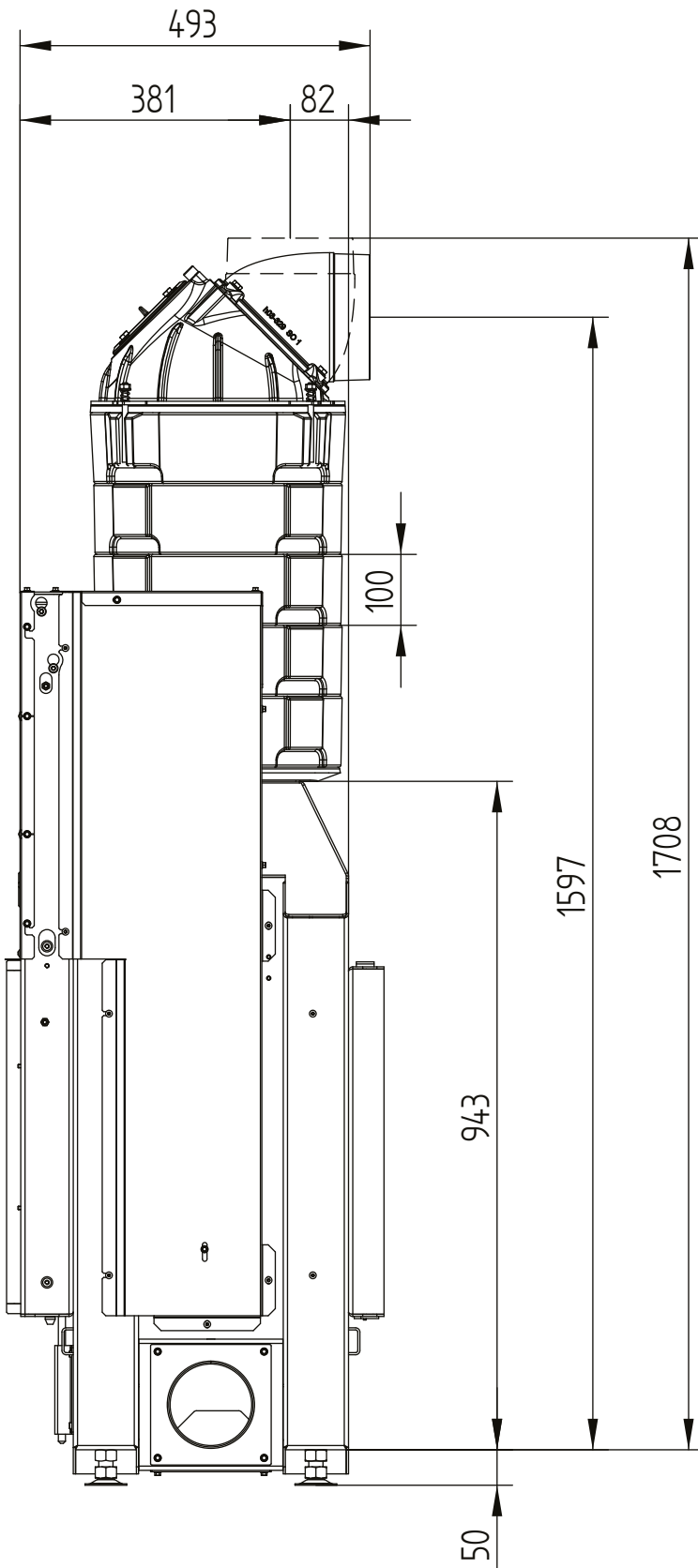
klappbare Tür

HAKA 60/50 tunnel

Technical data
Version 2019/08

S-accumulation rings

M 1:10

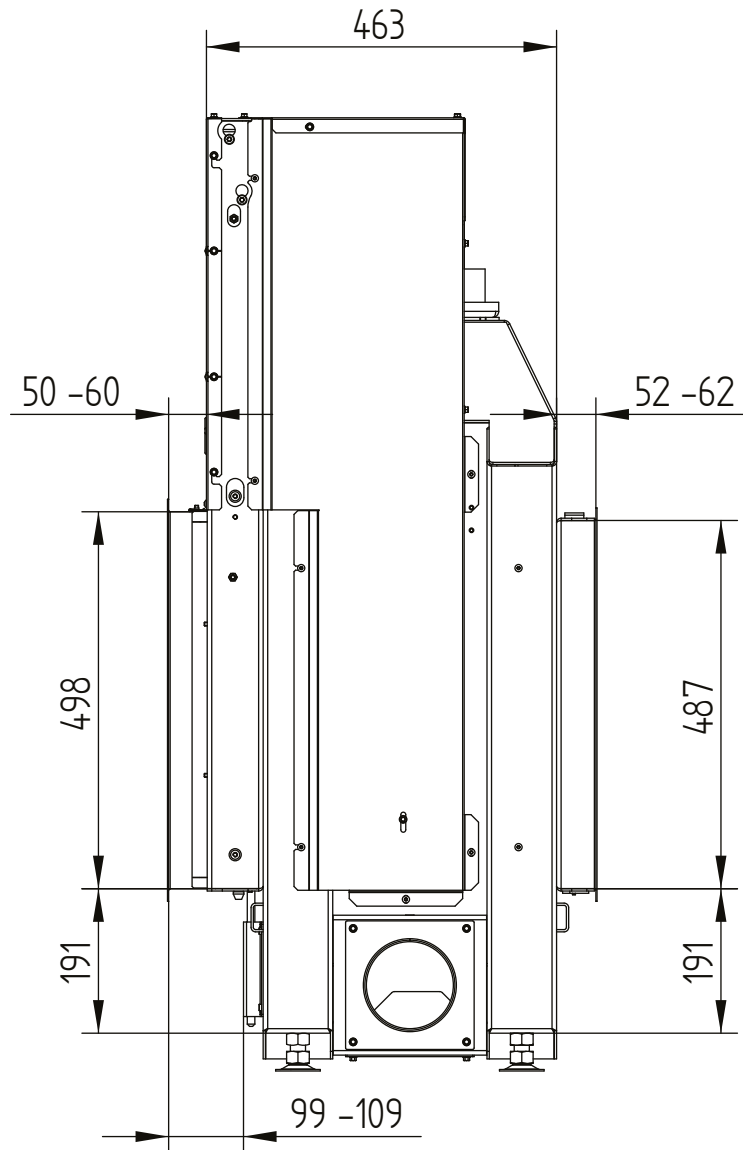


HAKA 60/50 tunnel

Technical data
Version 2019/08

cover frame 60/50 4sides 50 mm 1 x 90°

M 1:10

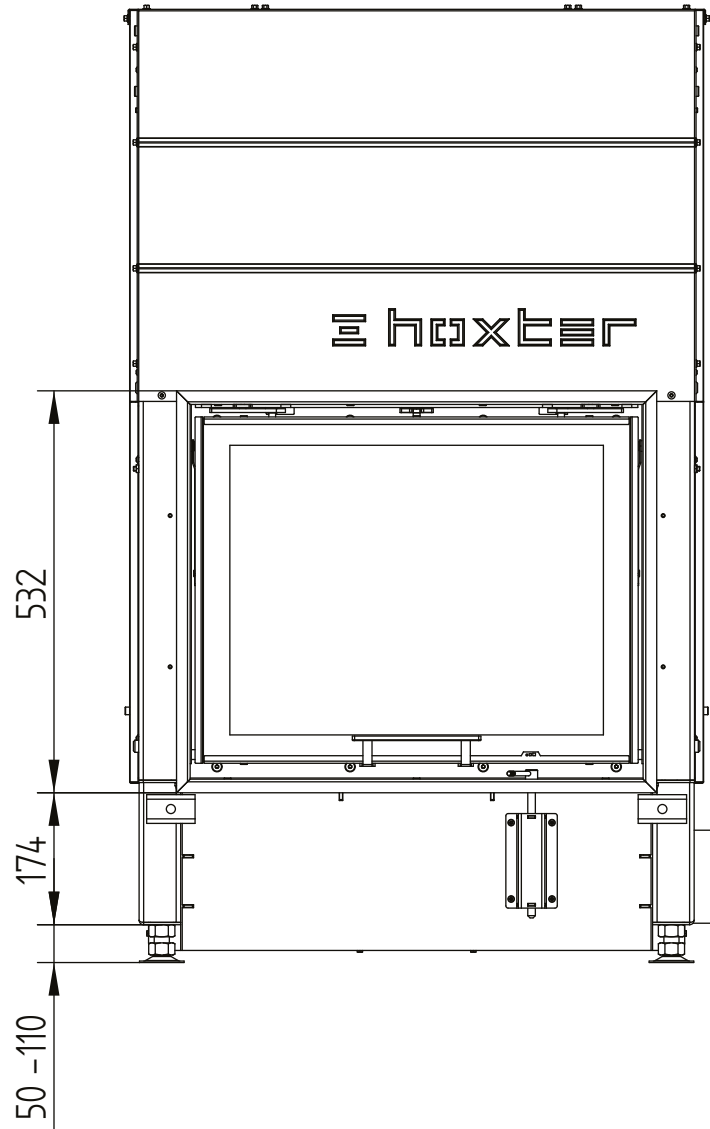


HAKA 60/50 tunnel

Technical data
Version 2019/08

cover frame 60/50 4sides 50 mm 1 x 90°

M 1:10

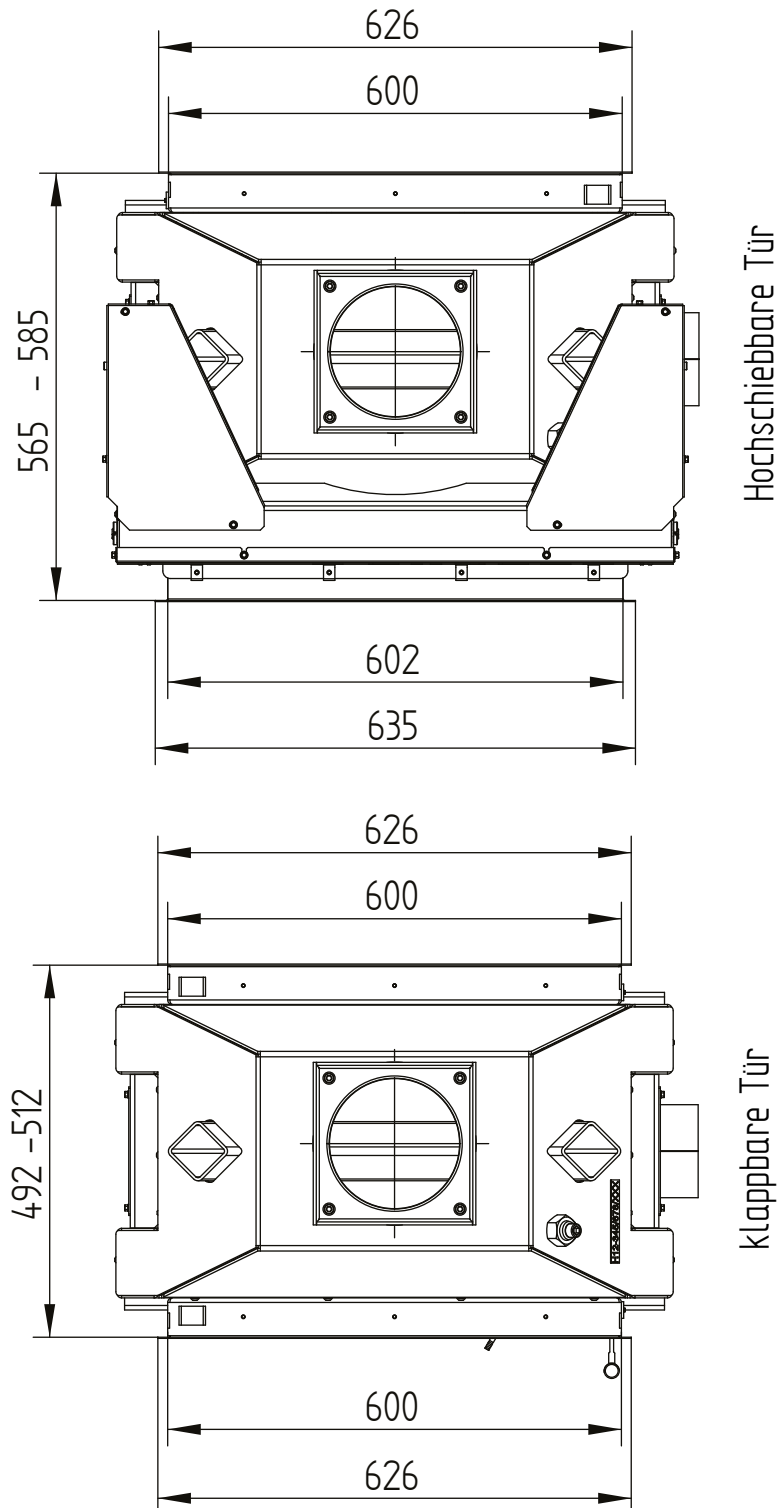


HAKA 60/50 tunnel

Technical data
Version 2019/08

cover frame 60/50 4sides 50 mm 1 x 90°

M 1:10

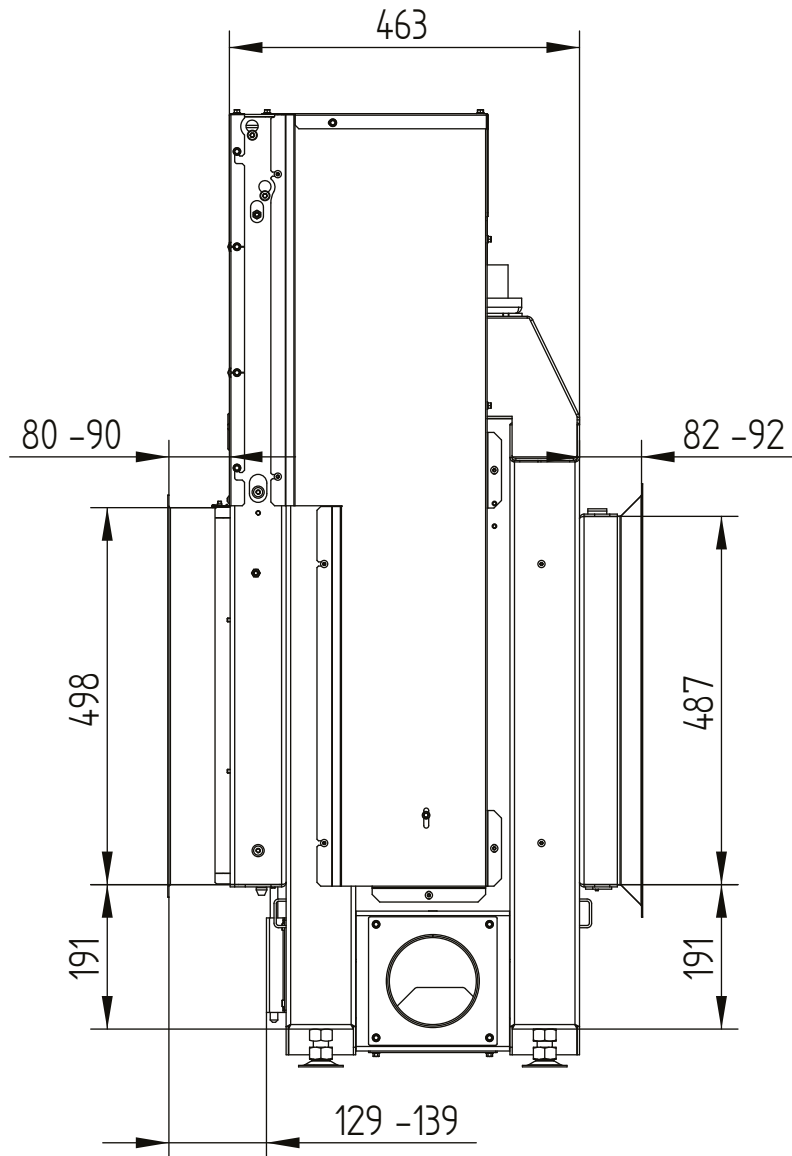


HAKA 60/50 tunnel

Technical data
Version 2019/08

cover frame 60/50 4sides 80 mm 1 x 90°

M 1:10

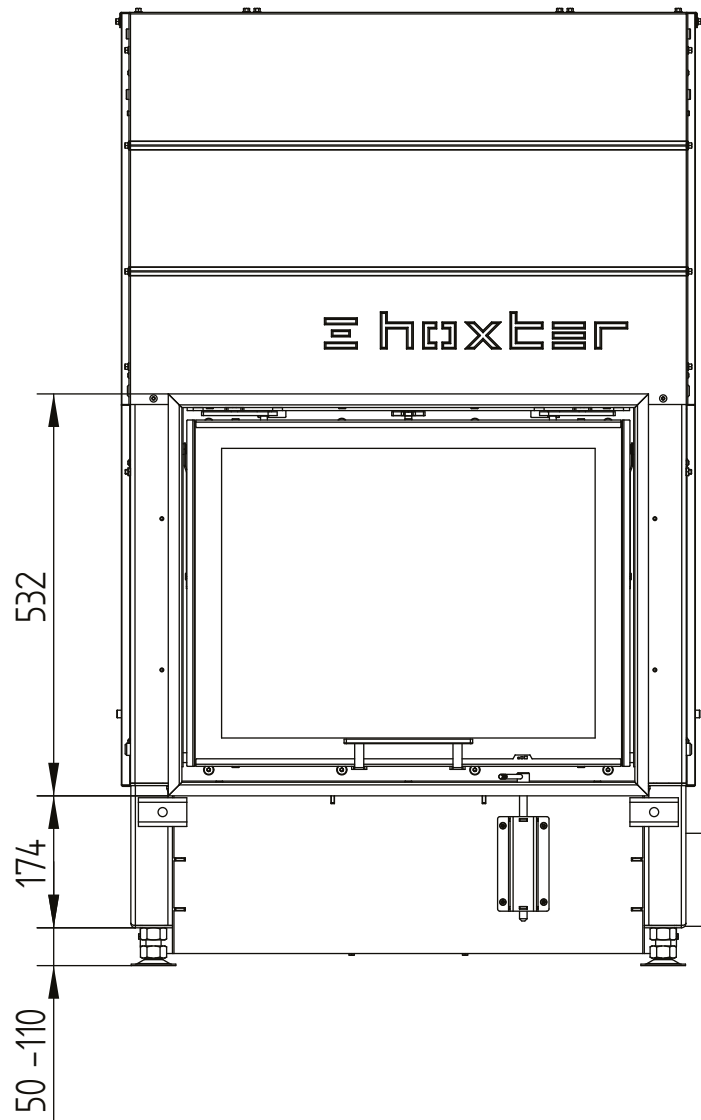


HAKA 60/50 tunnel

Technical data
Version 2019/08

cover frame 60/50 4sides 80 mm 1 x 90°

M 1:10

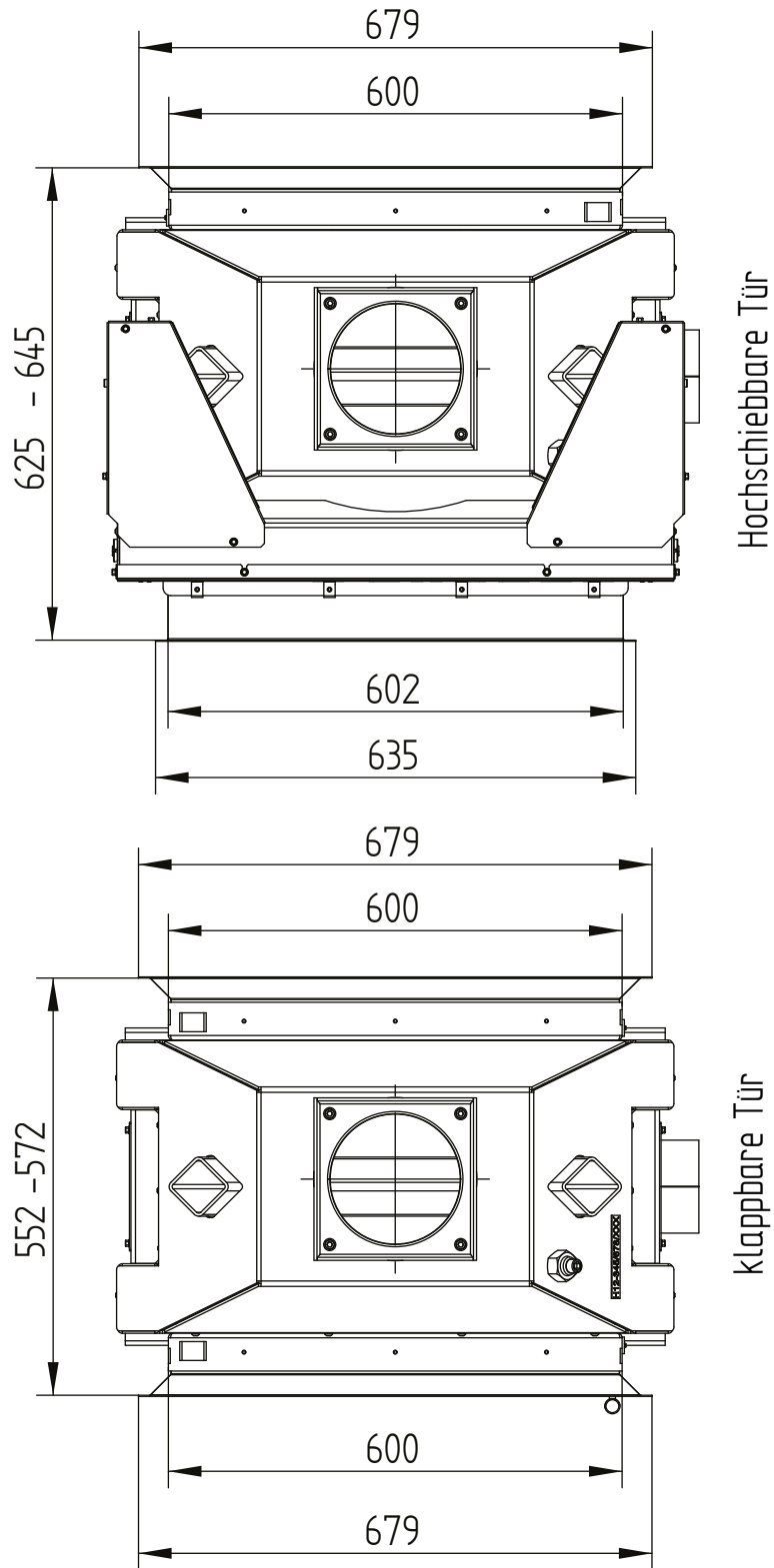


HAKA 60/50 tunnel

Technical data
Version 2019/08

cover frame 60/50 4sides 80 mm 1 x 90°

M 1:10

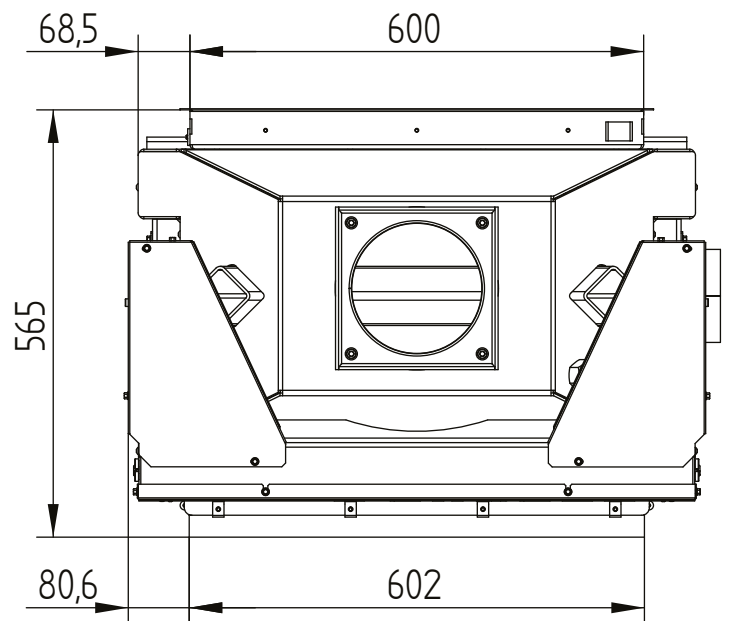
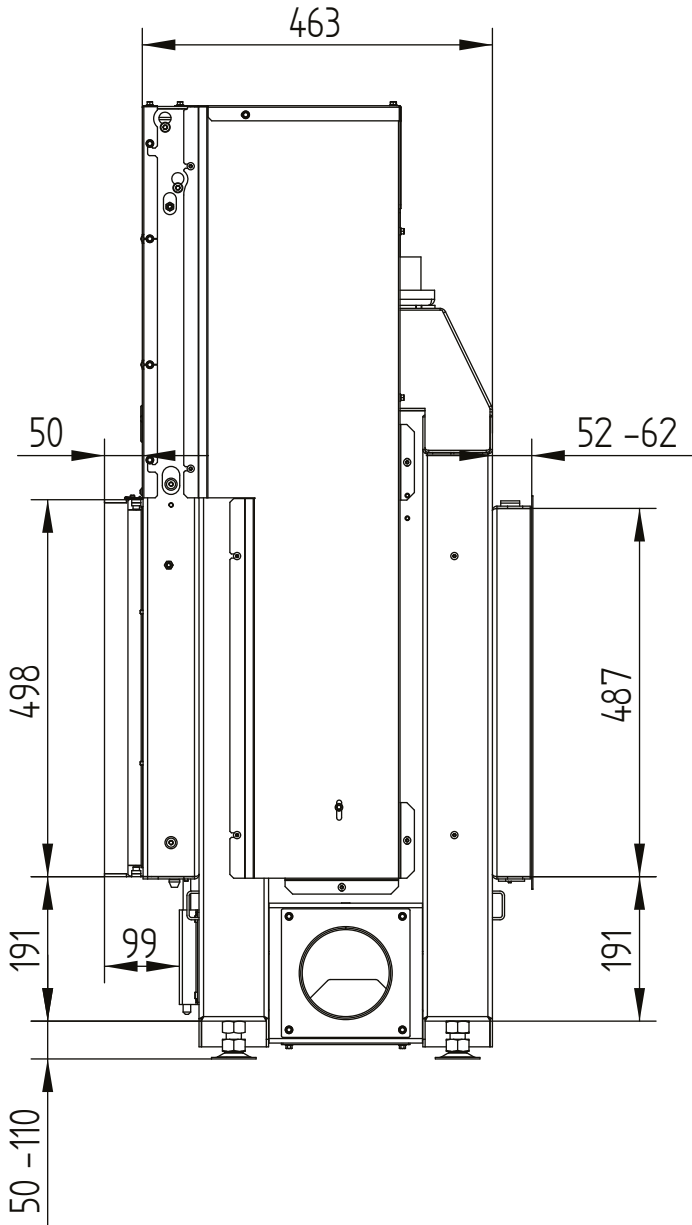


HAKA 60/50 tunnel

Technical data
Version 2019/08

build-on frame 60/50h liftdoor 4sides 50 mm

M 1:10

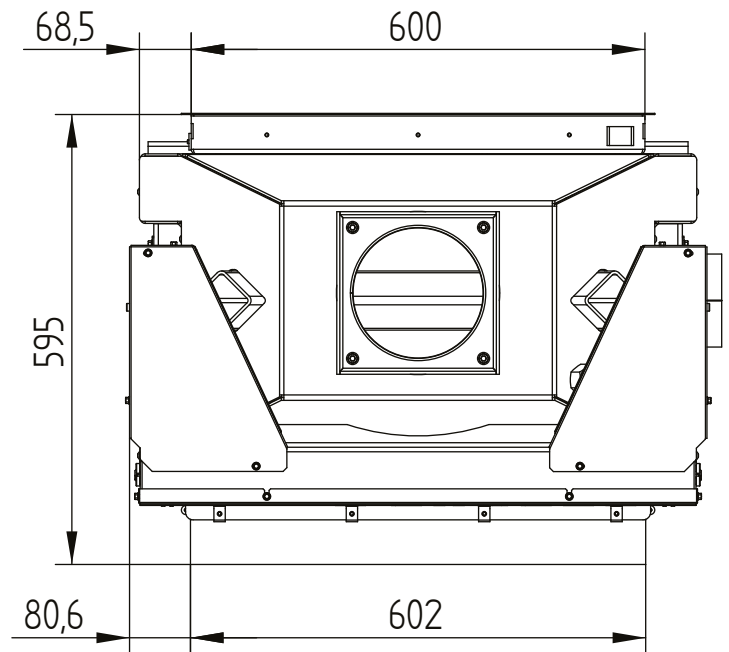
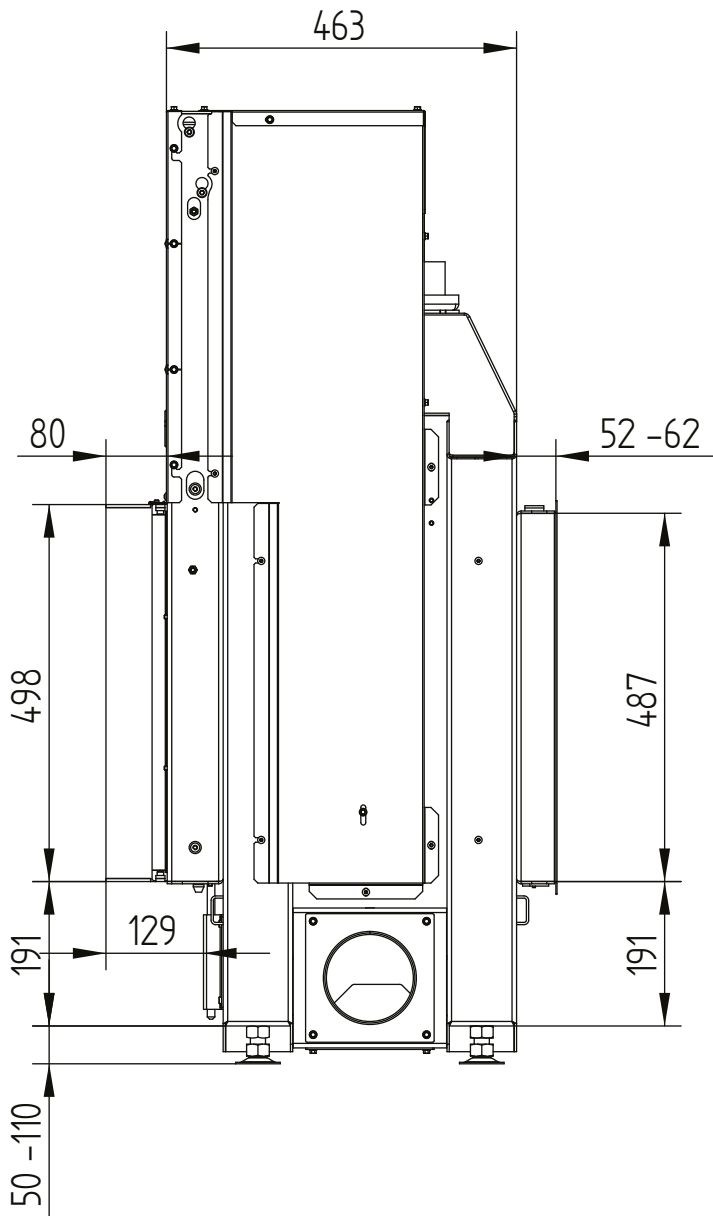


HAKA 60/50 tunnel

Technical data
Version 2019/08

build-on frame 60/50h liftdoor 4sides 80 mm

M 1:10



HAKA 60/50 tunnel

Technical data
Version 2019/08

build-on frame 60/50h liftdoor 3sides 80 mm

M 1:10

