

OPERATION WHEN DIRECTLY CONNECTED TO CHIMNEY	Cupola	Hot air exchanger
Tested according to	EN 13229	EN 13229
Nominal heat power	6 kW	9 kW
Efficiency	> 80 %	> 80 %
Consumption of wood	1,8 kg/h	2,6 kg/h
Mass flow of flue gas	6,1 g/s	6,8 g/s
Average flue gas temperature on the output	232 °C	260 °C
Heat distribution		
fireplace insert	66–76 %	66–76 %
door glass (single / double)	34 / 24 %	34 / 24 %
Required chimney pressure	12 Pa	12 Pa
Required amount of combustion air	20 m³/h	25 m³/h
Minimum supply air grating cross-section	600 cm²	900 cm²
Minimum outgoing air grating cross-section	700 cm²	1050 cm²

OPERATION WITH CONNECTED ACCUMULATION MASS	Cupola	Adaptor
Load of wood	6 kg	6 kg
Total heat output of the burning chamber	21,5 kW	21,5 kW
Mass flow of flue gas	20 g/s	20 g/s
Average flue gas temperature on the output ¹⁾ past 4 m of ceramic accumulation system KMS 300 ²⁾ past 5 pcs of accumulation rings KAM + termination ring	408 °C 180 °C –	416 °C – 237 °C
Heat distribution		
fireplace insert	37 %	31 %
door glass (single / double)	34 / 24 %	34 / 24 %
adjoining accumulation mass	29–39 %	35–45 %
Required chimney pressure	12 Pa	12 Pa
Minimum radiant area ³⁾	ca. 5,0 m²	ca. 5,0 m²
Required amount of combustion air	60 m³/h	60 m³/h

GENERAL TECHNICAL INFORMATION	
Combustion air connection	Ø 125 mm
Total weight / lining weight	ca. 191 / 71 kg
Use in non-ventilated accumulation builds according to craft rules	suitable
Meets values	BlmSchV (Stufe2), 15a BVG

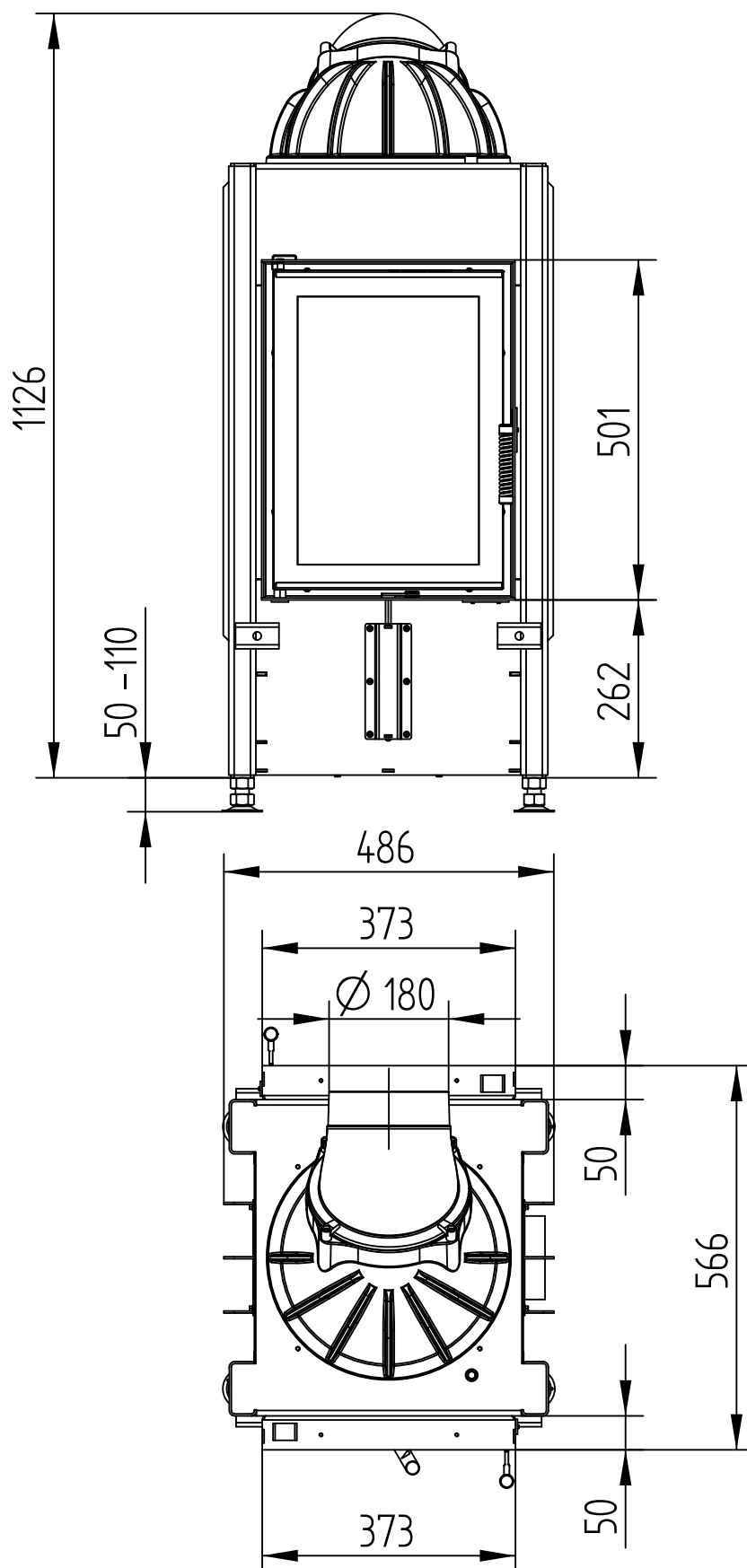
- 1) The Hoxter products are available in the Austrian stove-calculation program for evaluation of firebrick accumulation systems.
 2) Only a sample calculation! For accurate results is evaluation of each system in the KMS-calculation program from the Ortnr company necessary.
 3) Depends on accumulation period and material characteristics and its thickness. Calculated with heat emission of the radiant area ca. 500 kW/m².hr

HAKA 37/50T

WITH CUPOLA

Technical data
Version 12/2015

M 1 : 10

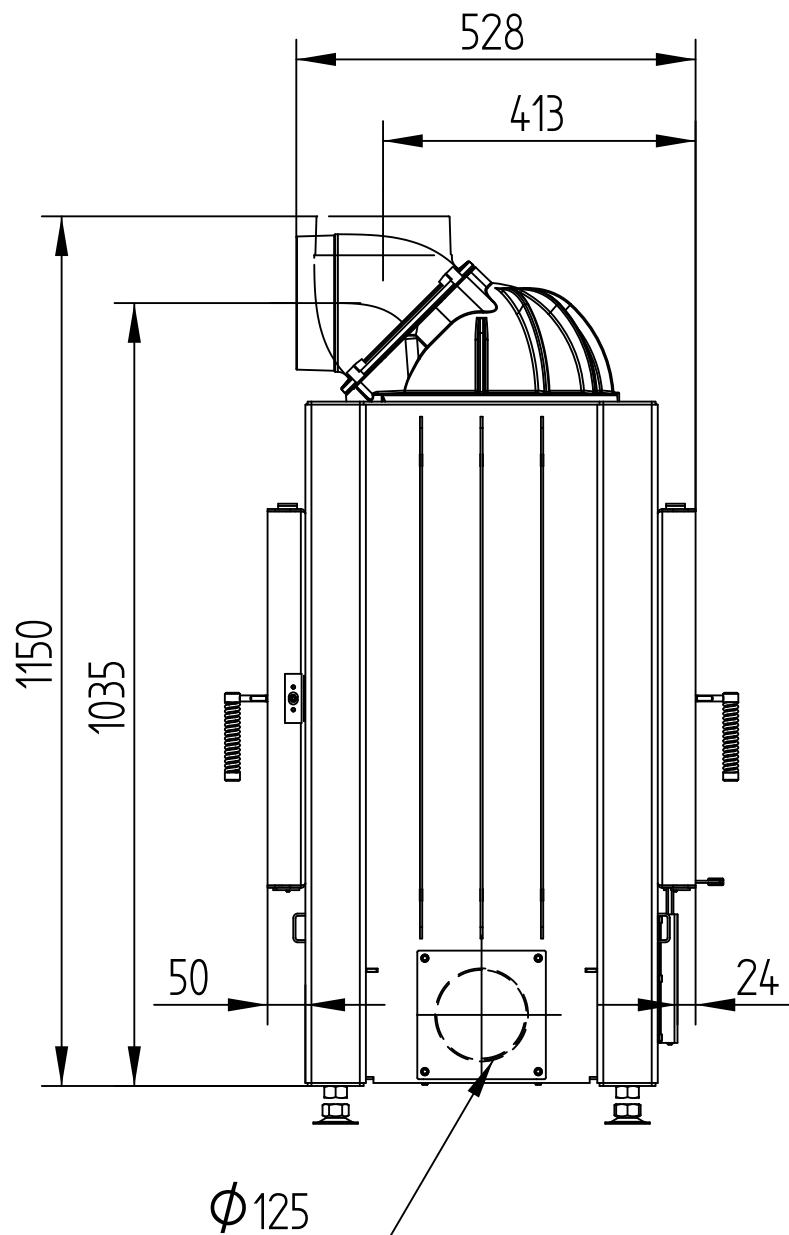


HAKA 37/50T

WITH CUPOLA

Technical data
Version 12/2015

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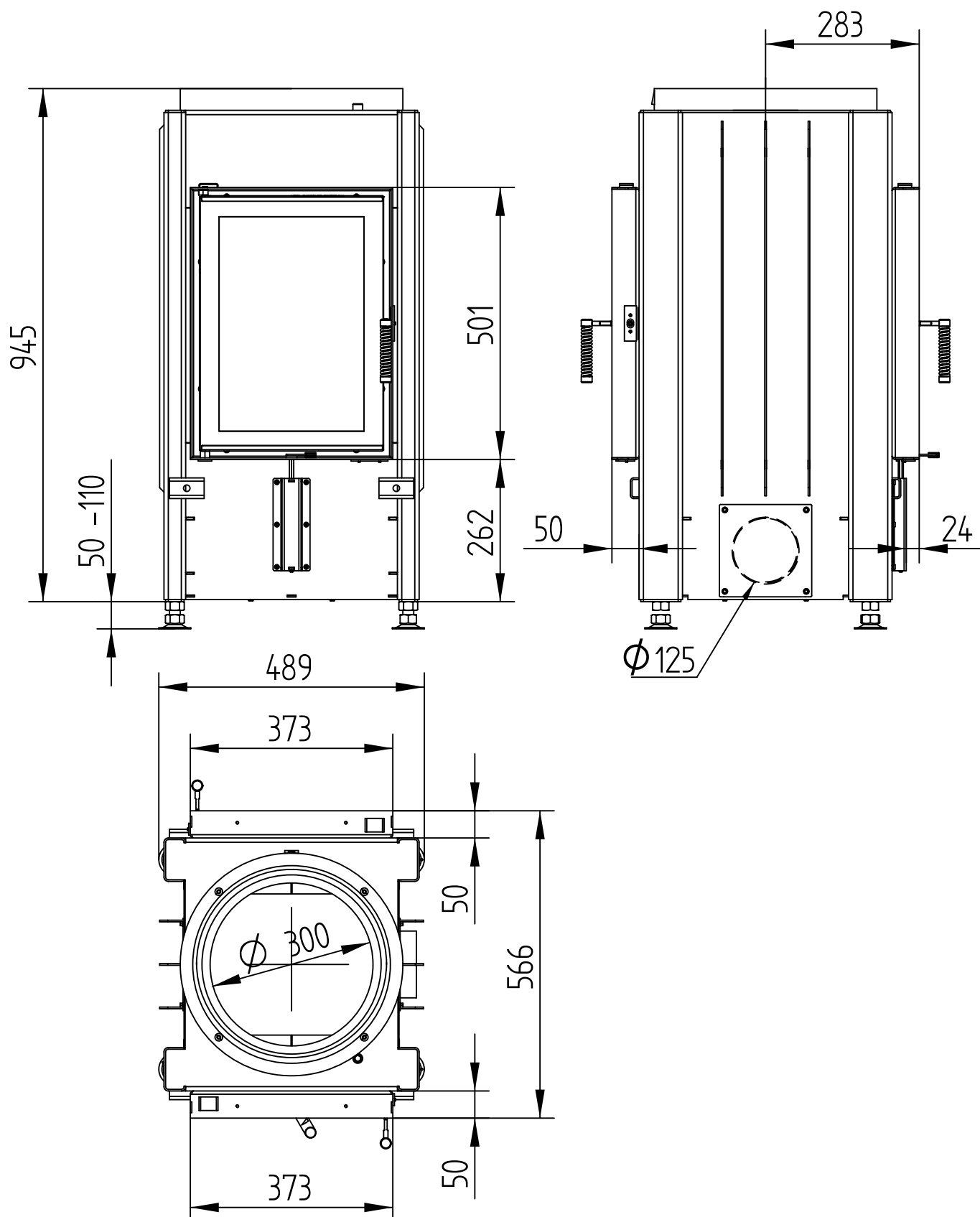


HAKA 37/50T

WITH ADAPTOR

Technical data
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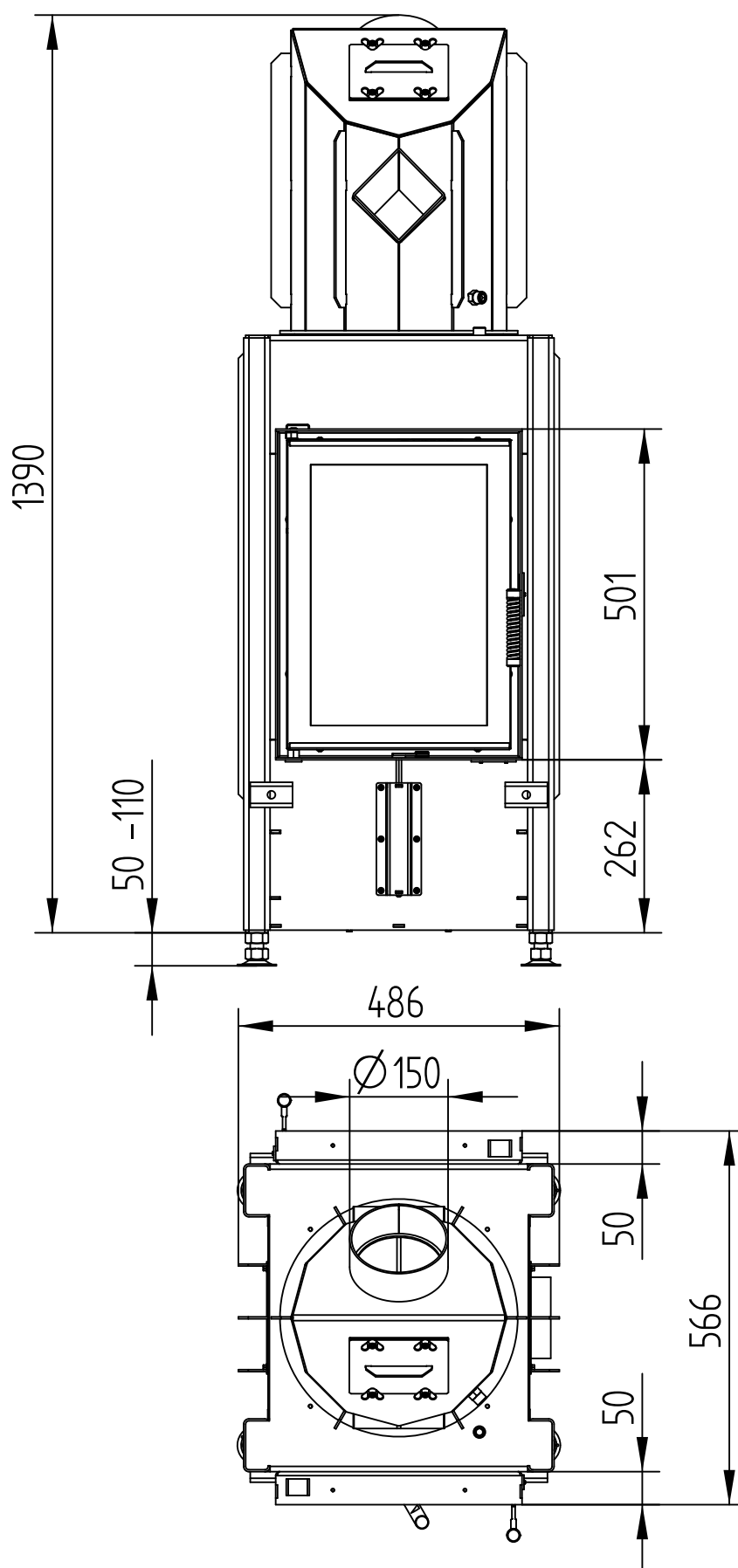


HAKA 37/50T

WITH HOT AIR EXCHANGER

Technical data
Version 12/2015

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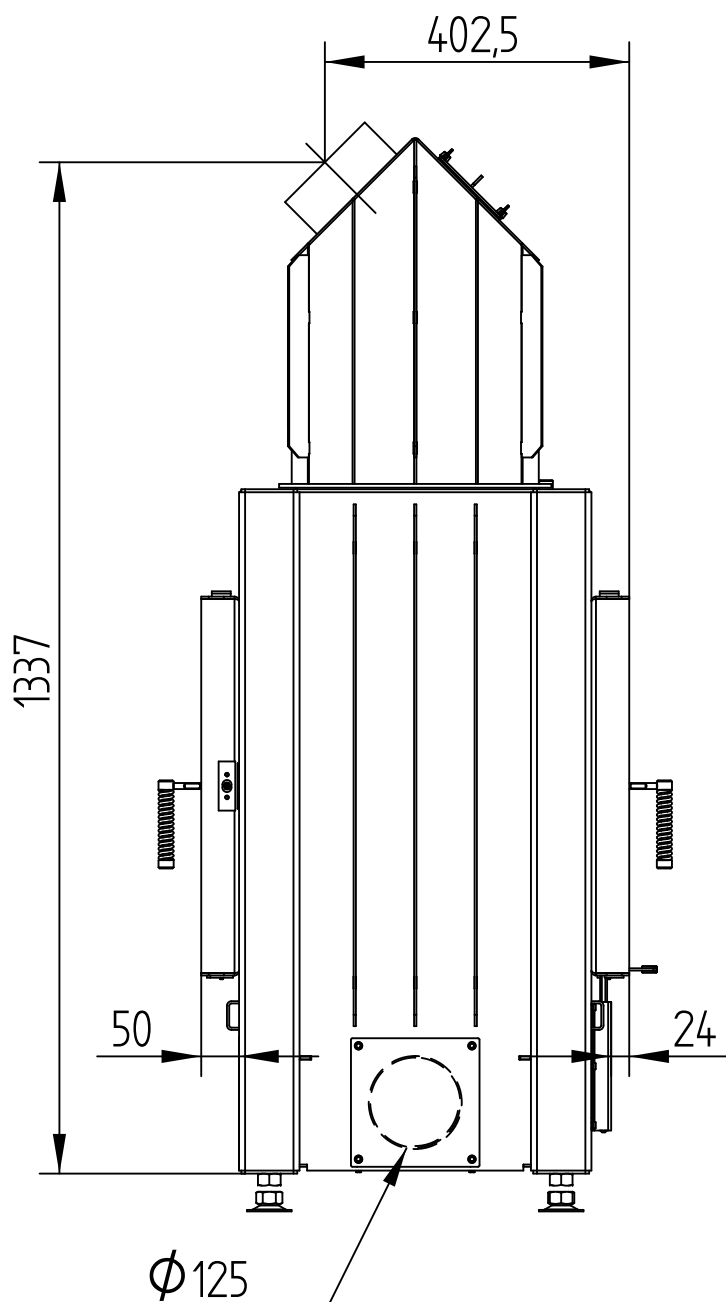


HAKA 37/50T

WITH HOT AIR EXCHANGER

Technical data
Version 12/2015

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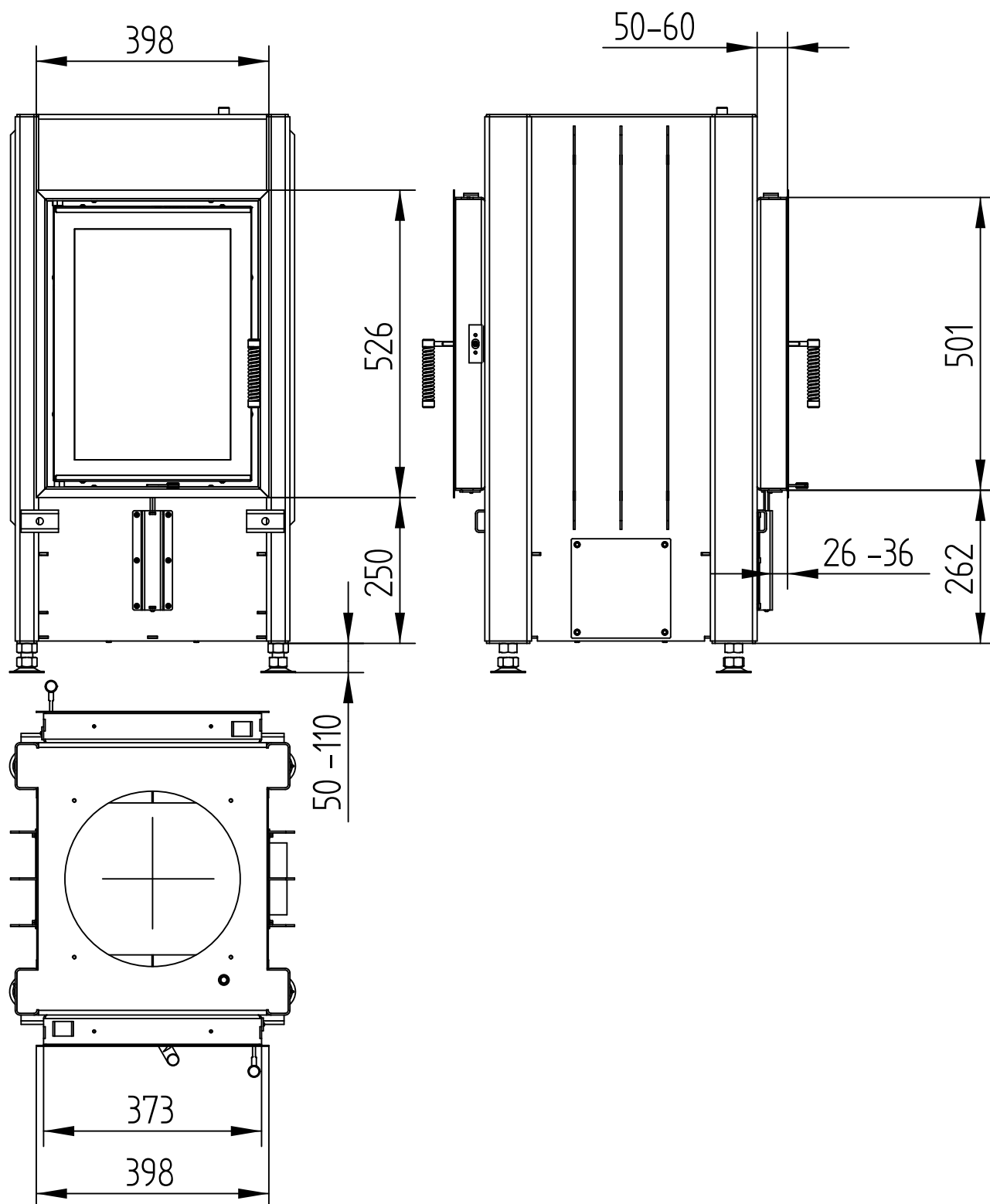


HAKA 37/50T

COVER FRAME 4-SIDED 1 x 90°

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COVER FRAME 4-SIDED 2 x 45°

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M 1 : 10

