BLOX H60W

Technical data
Date 06/2026

Technical data	Certified values fireplace insert	Measured values
Energy label of the fireplace insert	A+ HAKA 37/50I (WTR)	
Operating data		
Nominal heat power / proportion of water	8 / 6,4 kW	11 / 8 kW
Efficiency	> 80 %	> 80 %
Consumption of wood	2,2 kg/h	3 kg/h
Total heat output of the burning chamber[1]	----	----
Average heat output[2]	----	----
Heat radiation period[3]	----	----
Mass flow of flue gas	6,6 g/s	8 g/s
Required chimney pressure	12 Pa	12 Pa
Required amount of combustion air	25 m^3/h	30 m^3/h
Average flue gas temperature on the output	184 °C	197 °C
Heat distribution		
Surroundings and convection	74 / 84 %	74 / 84 %
door glass (single, double)	0 / 14 %	0 / 14 %
water	75 %	73 %
General technical information		
Tested according to	EN 16510-2-2	----
Meets values	1. BImSchV (Stufe2), 15a BVG	----
Total weight	----	592 kg
Overall dimensions (width x depth x height)	----	600 x 600 x 2005 mm
Burning chamber dimensions (width x depth)	----	305 x 305 mm
Combustion air connection	----	from the back / bottom Ø 125 mm
Flue connection diameter	----	from the back / top Ø 160 mm
Water exchanger specifications		
Maximum working pressure	2,5 bar	2,5 bar
Minimum return water termperature	60 °C	60 °C
Water capacity	47 liters	47 liters
Connection input / output	1“ / 1“	1“ / 1“
Minimal distances		
from walls made of non-combustible materials		
rear / side	----	0 / 0 mm
to the ceiling	----	400 mm
to the floor	----	0 mm
from walls made of combustible materials		
rear / side	----	50 / 50 mm
to the ceiling	----	600 mm
to the floor	----	0 mm
Technical data of the surrounding material		
Thermal resistance	----	up to 150 °C
Thermal conductivity (100 °C)	----	1,374 W/mK
Specific heat (100 °C)	----	0,247 Cal/g°C
Volume heat capacity	----	1486 kJ/m^3K
Density	----	1490 - 1610 g/dm^3
Bending strength	----	3,5 - 4,2 MPa
Compression strength	----	11,0 - 14,0 MPa
Shrinkage	----	0,088 %

1 With maximum amount of wood of 4 kWh/kg, without taking efficiency losses into account.

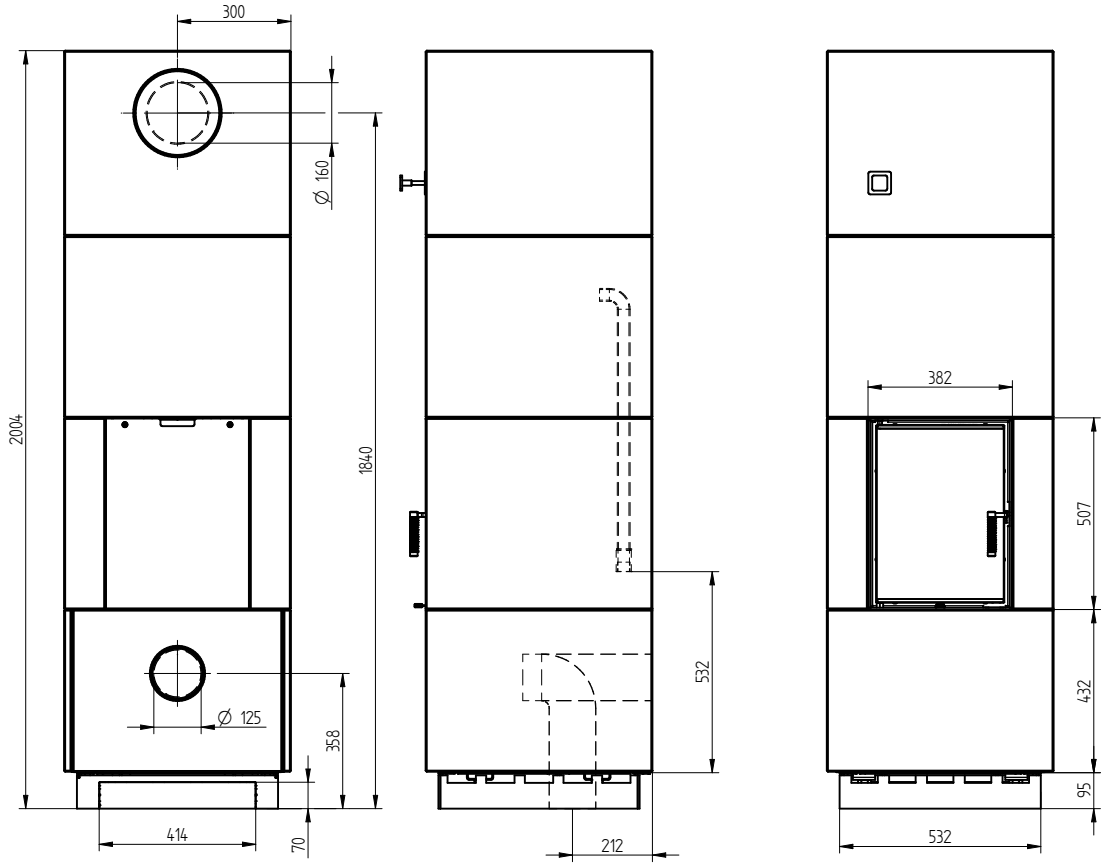
2 Accumulation operation, specified fuel dose for accumulation period with system efficiency > 80 %.

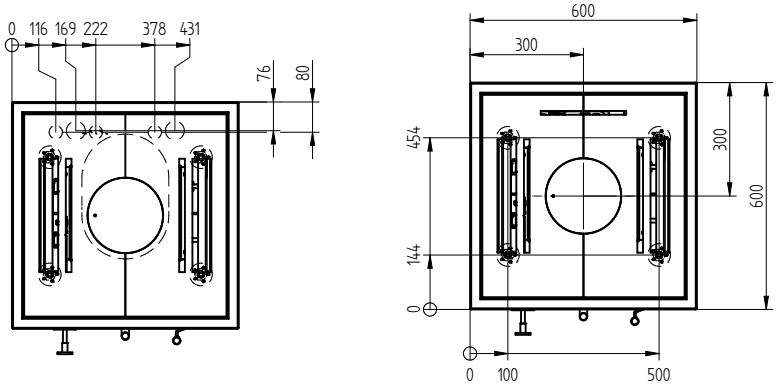
3 The time from ignition to reaching 25% of the maximum average surface temperature compared to room temperature.

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