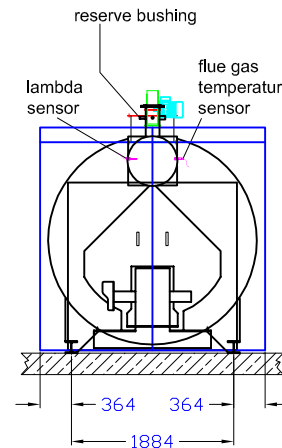
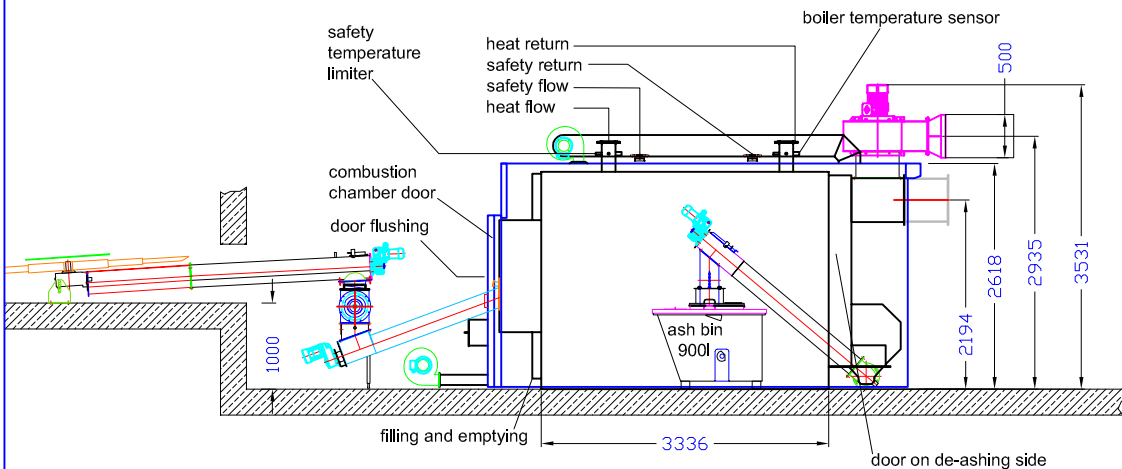


**Electrical connection data
Boilers from 990 kW**

Connection	Hardwiring 400V / 3N PE
Protection	C 40A
RCD switch	Type B IΔN 300mA

**Technical data RHK-AK 1000
without e-filter**

transport width (mm)	2500
transport length (mm)	4950
transport height (mm)	2650
width with cover panel (mm)	2650
length with cover panel (mm)	5020
height with cover panel (mm)	3050
water content (l)	5600
weight (kg)	14000
heat exchanger surface (m ²)	85
continuous heat load (kW) *wood chips/ **pellets	*900 / **800
rated thermal input (kW)	990
CO ² (%)	10,0
efficiency (%)	>90
flue gas mass flow (kg/s)	0,778000
flue gas temperature (°C)	180
flue depress (PA)	32
flue depress with underpressure monitoring (PA)	10
drop at dT 10 pressure K (mbar)	312,40
max. pressure (bar)	3
flow heat (DN)	150
heat return(DN)	150
safety flow (DN)	100
safety return(DN)	100
filling and emptying (inch)	1 1/2
thermowell (inch)	1/2
door flushing (inch)	3/4
flue gas pipe diameter (mm)	500
min. opening for air supply (cm ²)	2050
min. volume flow rate for return temp. increase at 15K (m ³ /h)	18,92



The boiler should be accessible from three sides. The discharging system should not cross the heating room. Room height and position of the particle separator(s)* should be discussed with the Heizomat team. Connecting points for the necessary potential equalization on the boiler see supplementary sheets "Connection of the Heizomat boiler system to the main potential equalization of a building" *.

Technical changes that serve the permanent further development remain reserved.

*Optional equipment, depending on the statutory provisions for the country of destination.

Status 01.07.2017



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