

### Technical data RHK-AK 50

without e-filter

transport width (mm)	662
transport length (mm)	1640
transport height (mm)	1610
width with cover panel (mm)	860
length with cover panel (mm)	1583
height with cover panel (mm)	1585
water content (l)	205
weight (kg)	1000
heat exchanger surface (m <sup>2</sup> )	4,50
continuous heat load (kW)	0-50
heating output (kW)	50
CO <sup>2</sup> (%)	10,0
efficiency (%)	>90
flue gas mass flow (kg/s)	0,038800
flue gas temperature (°C)	180
flue depress (PA)	10
flue depress with underpressure monitoring (PA)	10
drop at dT 10 pressure K (mbar)	13,80
max. pressure (bar)	3
flow heat (inch)	1 1/2
heat return (inch)	1 1/2
safety flow (inch)	1
safety return (inch)	1
filling and emptying (inch)	1/2
thermowell (inch)	1/2
flue gas pipe diameter (mm)	200
min. opening for air supply (cm <sup>2</sup> )	150
min. volume flow rate for return temp. increase at 15K (m <sup>3</sup> /h)	0,96

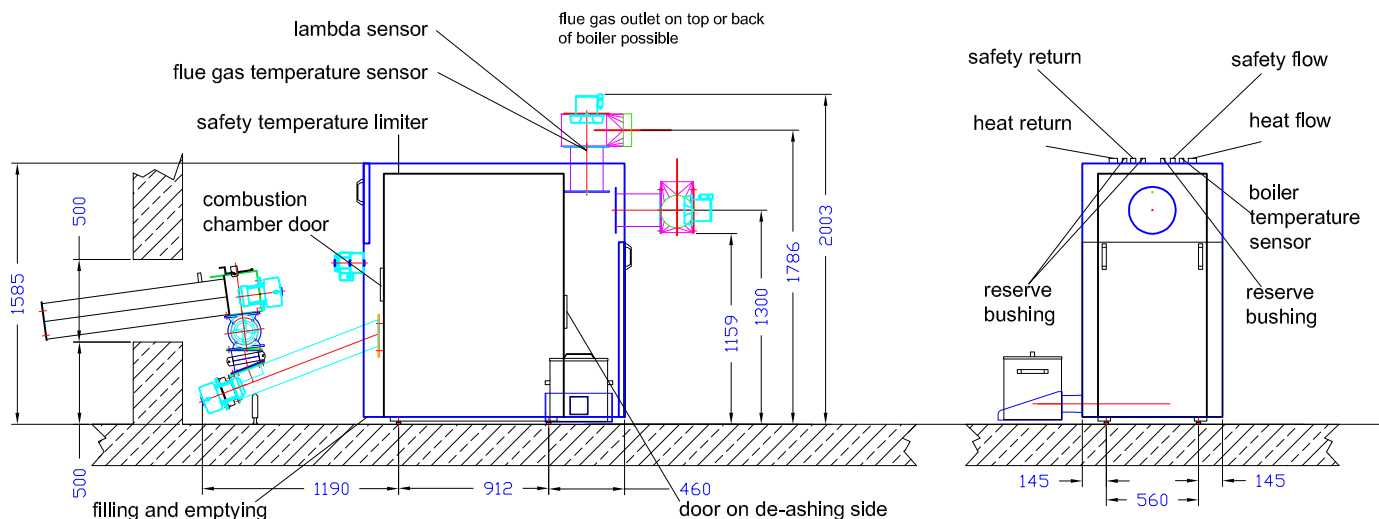
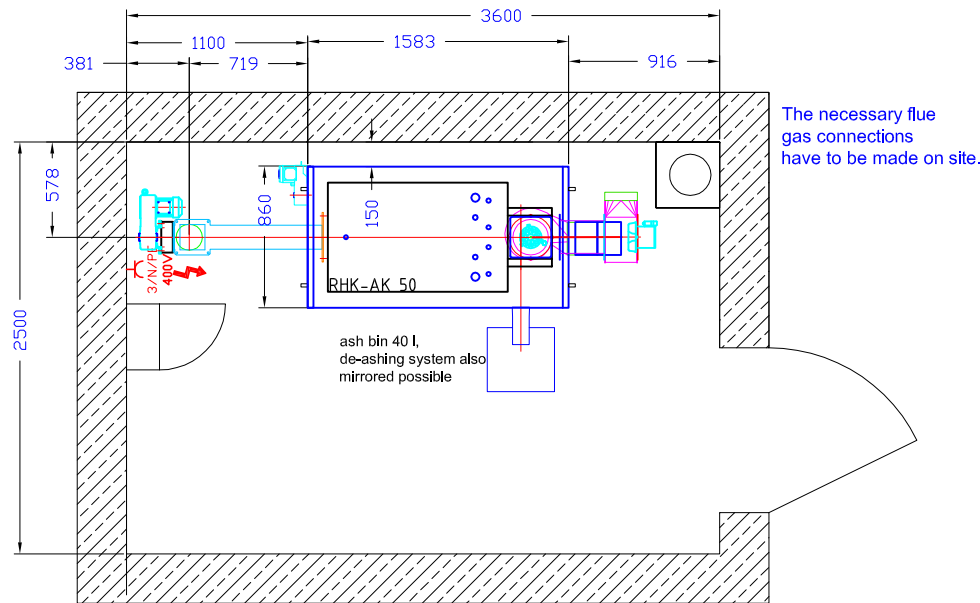
### Electrical connection data

Boilers up to 100 kW

Connection	400V / 3N PE CEE plug 16A
Protection	C 16A
RCD switch	Type A IΔN 30mA



Heizomat GmbH Gerätebau- Energiesysteme  
Maicha 21 - 91710 Gunzenhausen - 09836/9797-0



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