

Electrical connection data

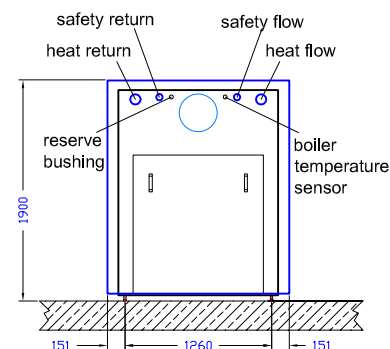
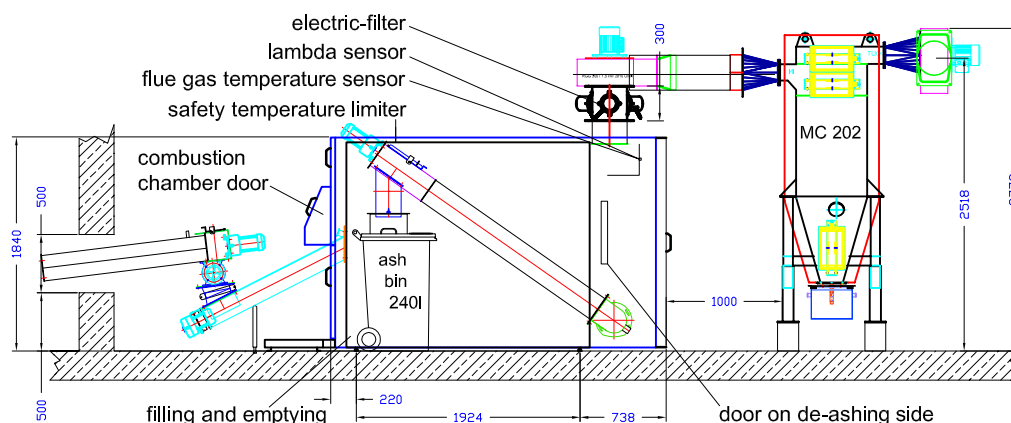
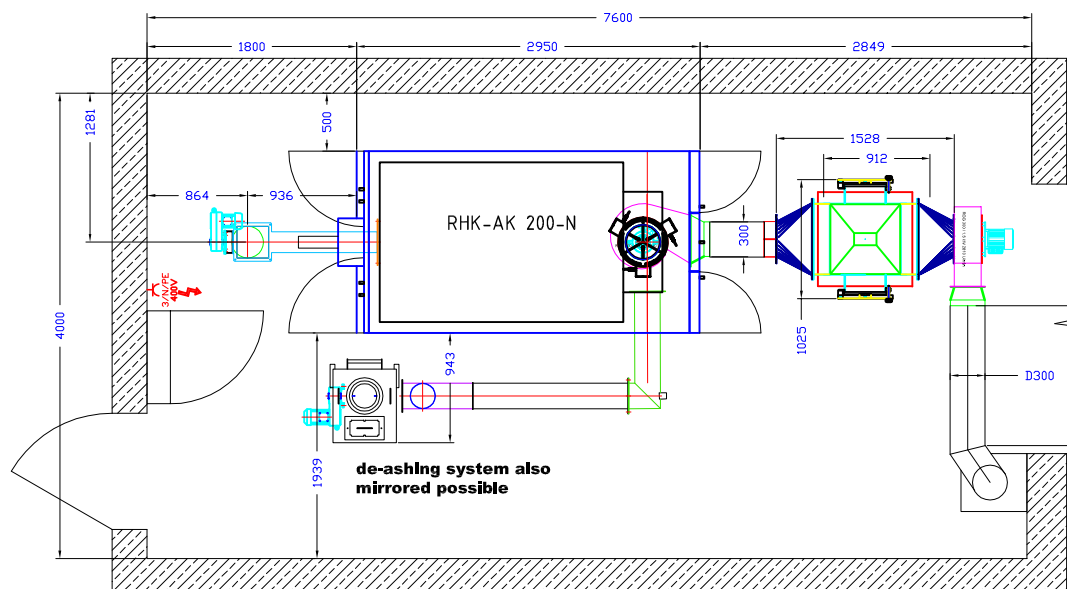
Boilers from 149 kW - 800 kW

Connection	Hardwiring 400V / 3N PE
Protection	C 32A
RCD switch	Type A IΔN 300mA

Technical data RHK-AK 204-N

e-filter and Cyclone

transport width (mm)	1372
transport length (mm)	2680
transport height (mm)	1780
width with cover panel (mm)	1568
length with cover panel (mm)	2950
height with cover panel (mm)	1840
water content (l)	985
weight (kg)	3108
heat exchanger surface (m ²)	18,50
continuous heat load (kW)	0-230
heating output (kW)	230
CO ² (%)	10,0
efficiency (%)	>90
flue gas mass flow (kg/s)	0,169000
flue gas temperature (°C)	180
flue depress (PA)	21
flue depress with underpressure monitoring (PA)	10
drop at dT 10 pressure K (mbar)	88,20
max. pressure (bar)	3
flow heat (DN)	80
heat return(DN)	80
safety flow (inch)	1 1/2
safety return(inch)	1 1/2
filling and emptying (inch)	1 1/4
thermowell (inch)	1/2
flue gas pipe diameter (mm)	300
min. opening for air supply (cm ²)	450
min. volume flow rate for return temp. increase at 15K (m ³ /h)	3,82



Technical data cyclone MC202

transport width (mm)	910
transport length (mm)	1023
transport height (mm)	1940
weight (kg)	580

Technical data electric-filter

Heizoclean EF185, electrostatic	3x in flue pipe 300
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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" *.

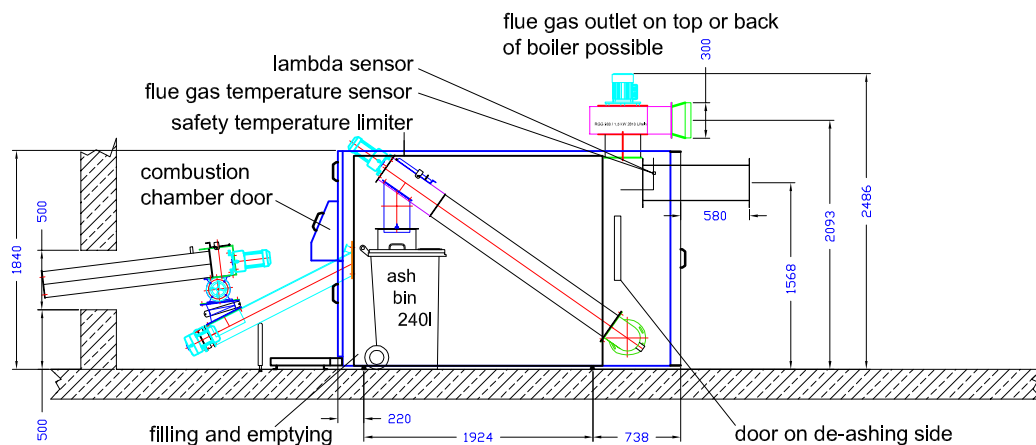
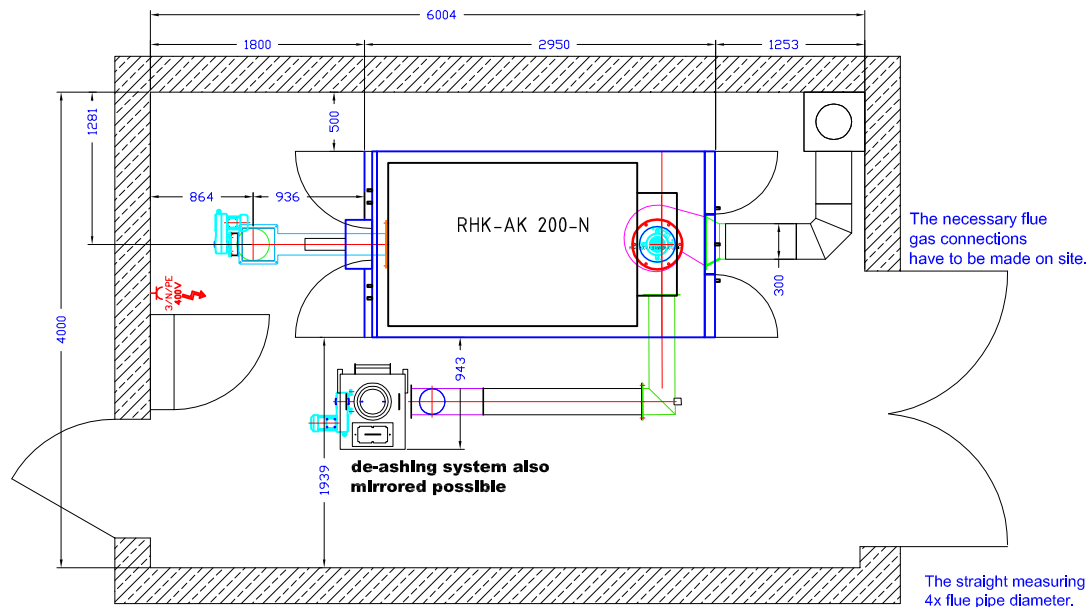
Technical changes that serve the permanent further development remain reserved.

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

Status 01.07.2017

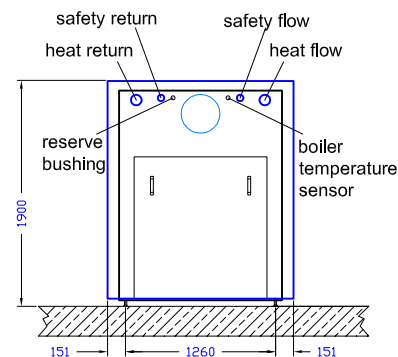
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Heizomat GmbH Gerätebau- Energiesysteme
Maicha 21 - 91710 Gunzenhausen - 09836/9797-0



Electrical connection data Boilers from 149 kW - 800 kW	
Connection	Hardwiring 400V / 3N PE
Protection	C 32A
RCD switch	Type A IΔN 300mA

Technical data RHK-AK 204-N without e-filter	
transport width (mm)	1372
transport length (mm)	2680
transport height (mm)	1780
width with cover panel (mm)	1568
length with cover panel (mm)	2950
height with cover panel (mm)	1840
water content (l)	985
weight (kg)	3108
heat exchanger surface (m²)	18,50
continuous heat load (kW)	0-230
heating output (kW)	230
CO² (%)	10,0
efficiency (%)	>90
flue gas mass flow (kg/s)	0,169000
flue gas temperature (°C)	180
flue depress (PA)	21
flue depress with underpressure monitoring (PA)	10
drop at dT 10 pressure K (mbar)	88,20
max. pressure (bar)	3
flow heat (DN)	80
heat return(DN)	80
safety flow (inch)	1 1/2
safety return(inch)	1 1/2
filling and emptying (inch)	1 1/4
thermowell (inch)	1/2
flue gas pipe diameter (mm)	300
min. opening for air supply (cm²)	450
min. volume flow rate for return temp. increase at 15K (m³/h)	3,82



Technical data electric-filter	
Heizoclean EF185, electrostatic	3x in flue pipe 300



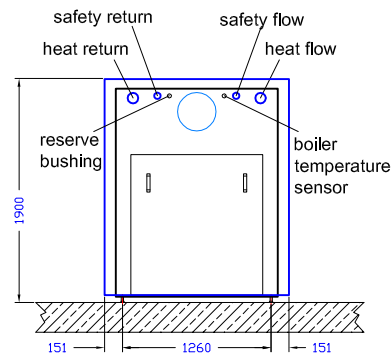
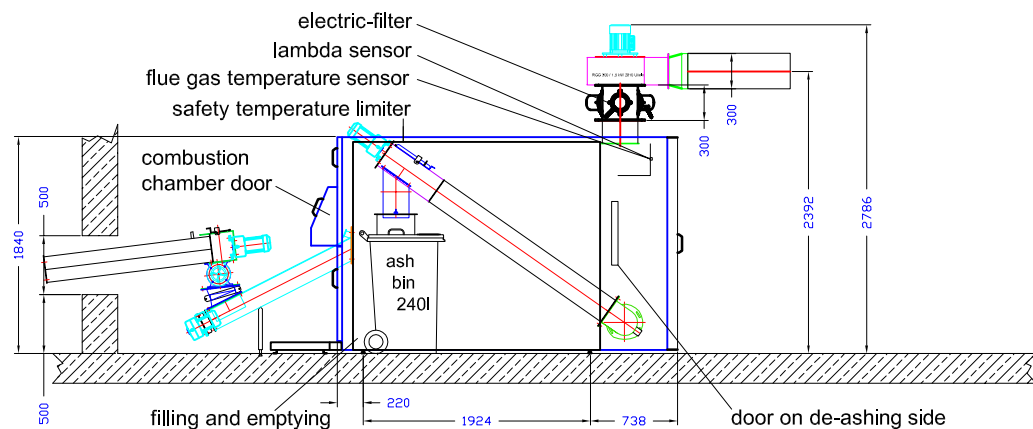
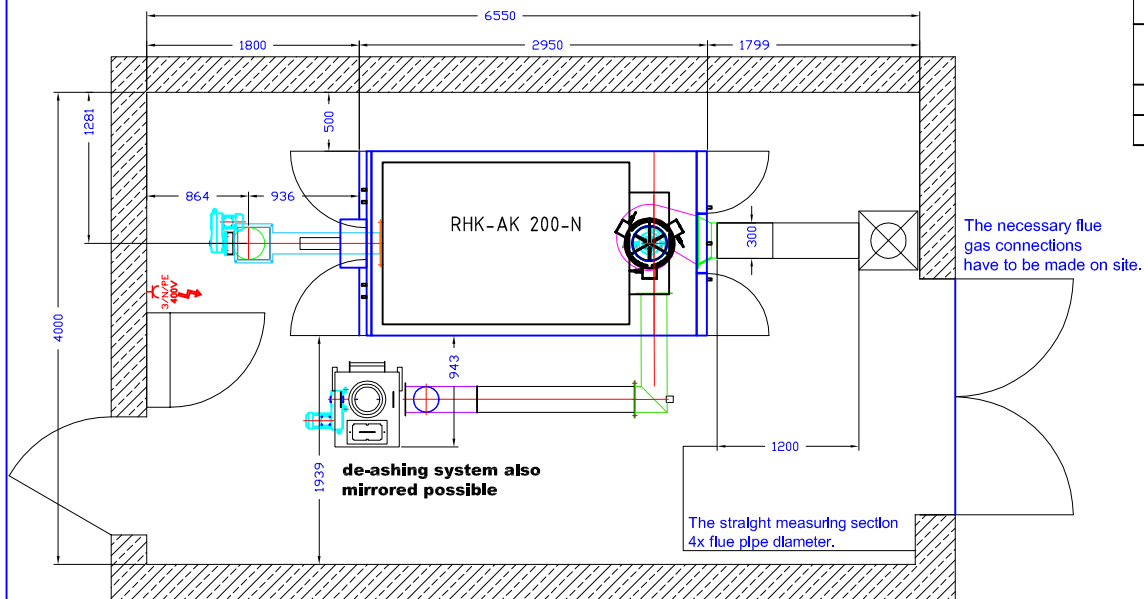
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Technical changes that serve the permanent further development remain reserved.

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

Status 01.07.2017



Electrical connection data Boilers from 149 kW - 800 kW

Connection	Hardwiring 400V / 3N PE
Protection	C 32A
RCD switch	Type A IΔN 300mA

Technical data RHK-AK 204-N with e-filter

transport width (mm)	1372
transport length (mm)	2680
transport height (mm)	1780
width with cover panel (mm)	1568
length with cover panel (mm)	2950
height with cover panel (mm)	1840
water content (l)	985
weight (kg)	3108
heat exchanger surface (m ²)	18,50
continuous heat load (kW)	0-230
heating output (kW)	230
CO ² (%)	10,0
efficiency (%)	>90
flue gas mass flow (kg/s)	0,169000
flue gas temperature (°C)	180
flue depress (PA)	21
flue depress with underpressure monitoring (PA)	10
drop at dT 10 pressure K (mbar)	88,20
max. pressure (bar)	3
flow heat (DN)	80
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safety flow (inch)	1 1/2
safety return(inch)	1 1/2
filling and emptying (inch)	1 1/4
thermowell (inch)	1/2
flue gas pipe diameter (mm)	300
min. opening for air supply (cm ²)	450
min. volume flow rate for return temp. increase at 15K (m ³ /h)	3,82

Technical data electric-filter

Heizoclean EF185, electrostatic	3x in flue pipe 300
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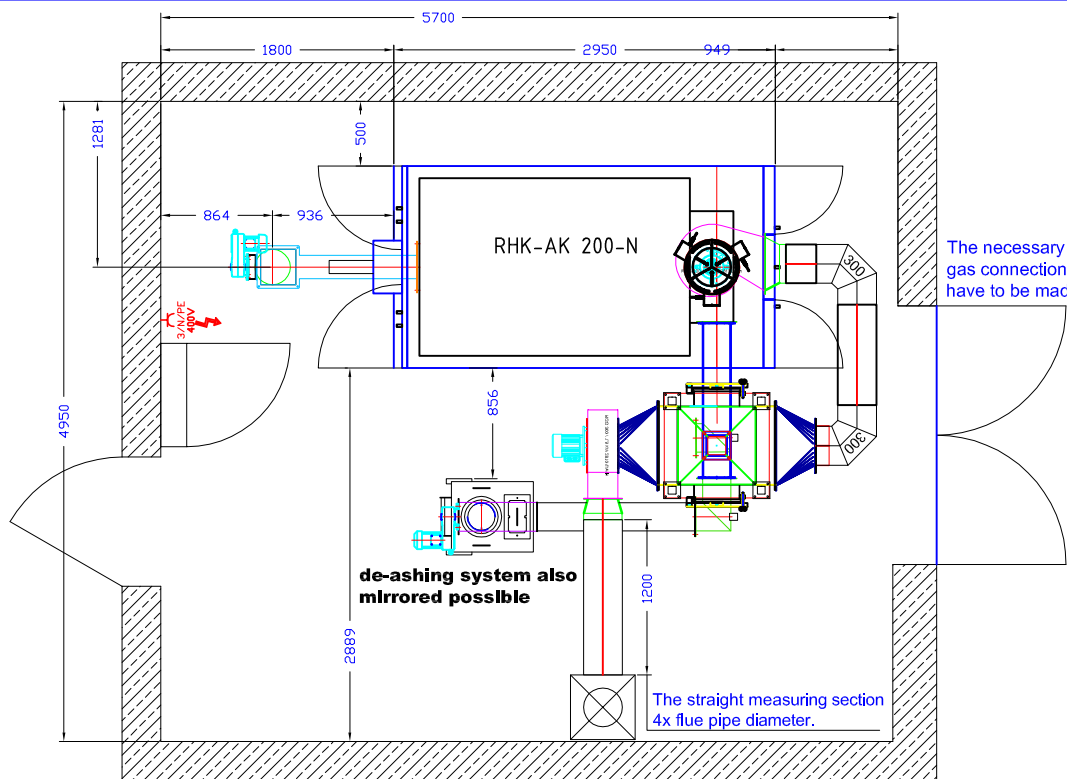
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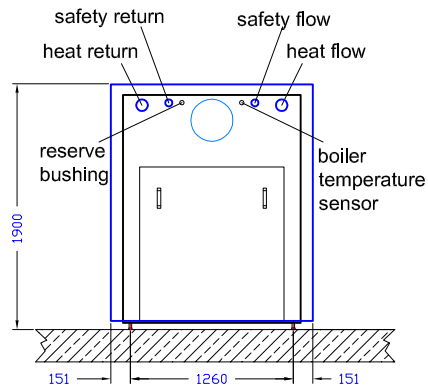
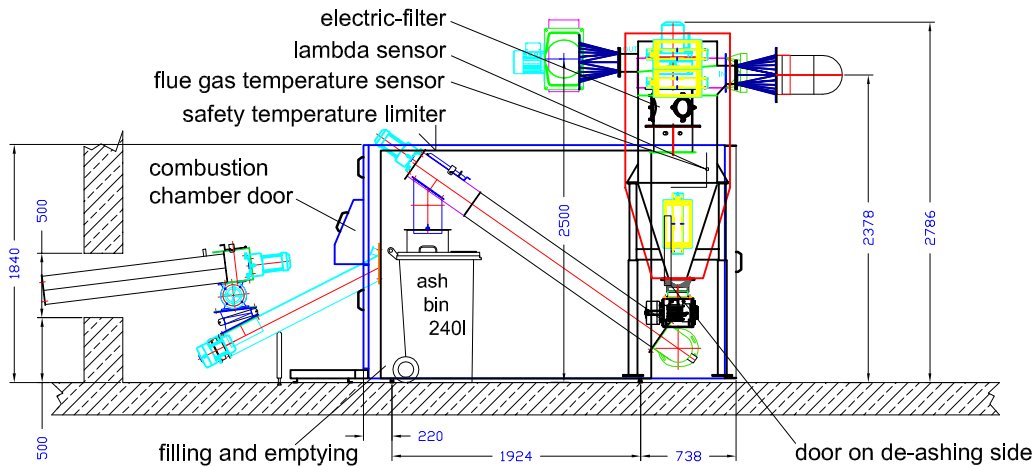
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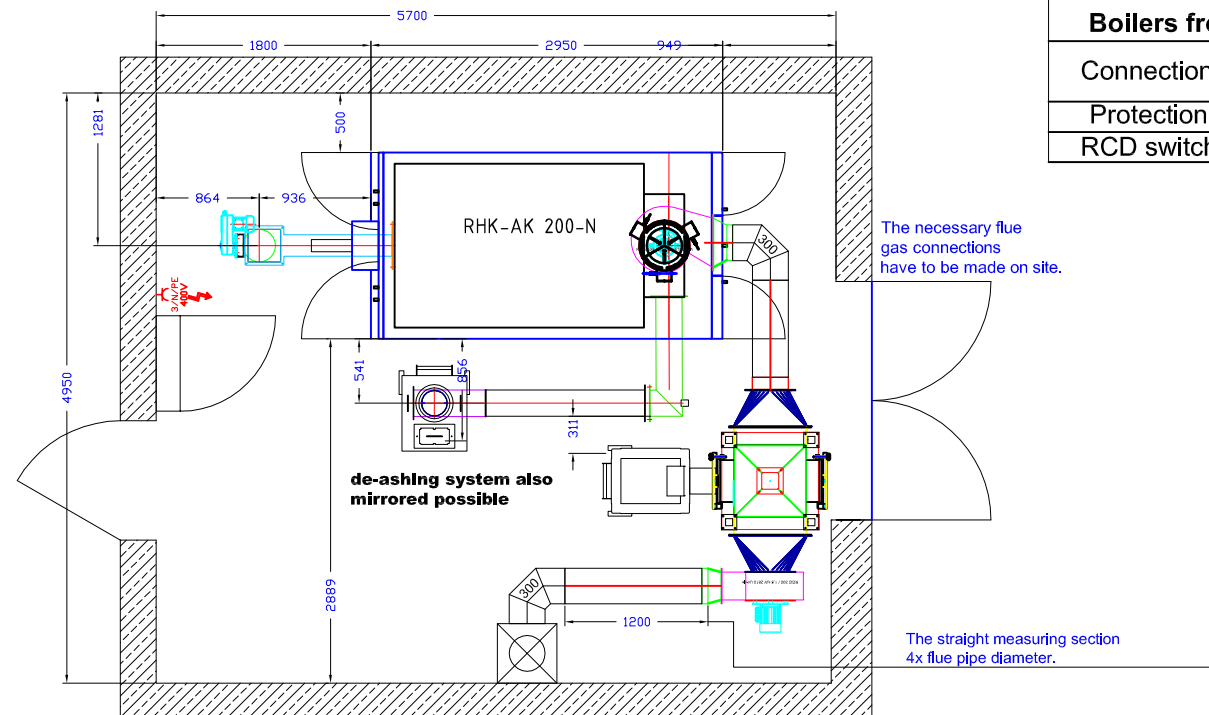
Electrical connection data Boilers from 149 kW - 800 kW	
Connection	Hardwiring 400V / 3N PE
Protection	C 32A
RCD switch	Type A IΔN 300mA

Technical data RHK-AK 204-N e-filter/ cyclone with de-ashing	
transport width (mm)	1372
transport length (mm)	2680
transport height (mm)	1780
width with cover panel (mm)	1568
length with cover panel (mm)	2950
height with cover panel (mm)	1840
water content (l)	985
weight (kg)	3108
heat exchanger surface (m²)	18,50
continuous heat load (kW)	0-230
heating output (kW)	230
CO² (%)	10,0
efficiency (%)	>90
flue gas mass flow (kg/s)	0,169000
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flue depress (PA)	21
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drop at dT 10 pressure K (mbar)	88,20
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thermowell (inch)	1/2
flue gas pipe diameter (mm)	300
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Technical data cyclone MC202	
transport width (mm)	910
transport length (mm)	1023
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weight (kg)	580
Technical data electric-filter	
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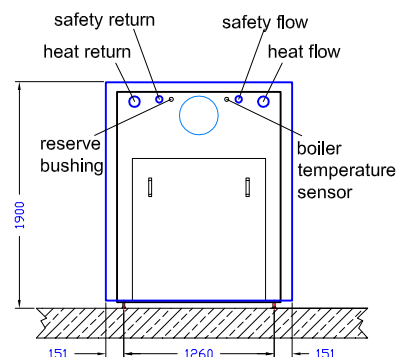
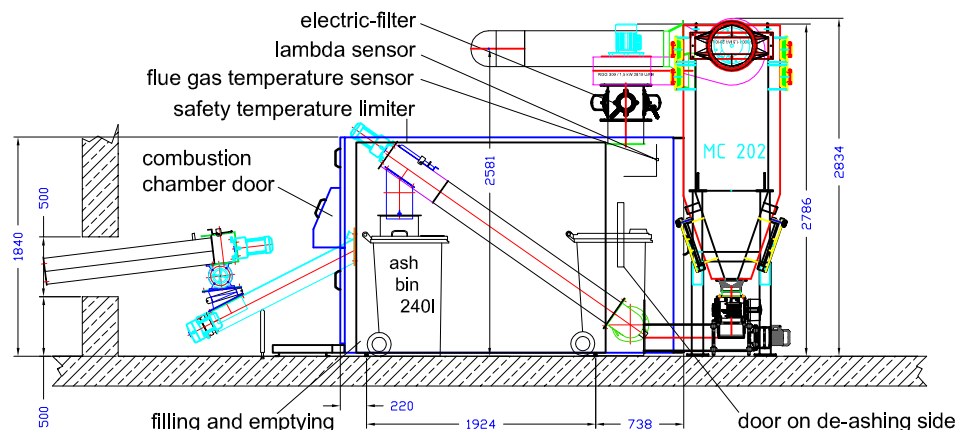


Electrical connection data Boilers from 149 kW - 800 kW

Connection	Hardwiring 400V / 3N PE
Protection	C 32A
RCD switch	Type A IΔN 300mA

Technical data RHK-AK 204-N e-filter/ Cyclone with separate de-ashing

transport width (mm)	1372
transport length (mm)	2680
transport height (mm)	1780
width with cover panel (mm)	1568
length with cover panel (mm)	2950
height with cover panel (mm)	1840
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