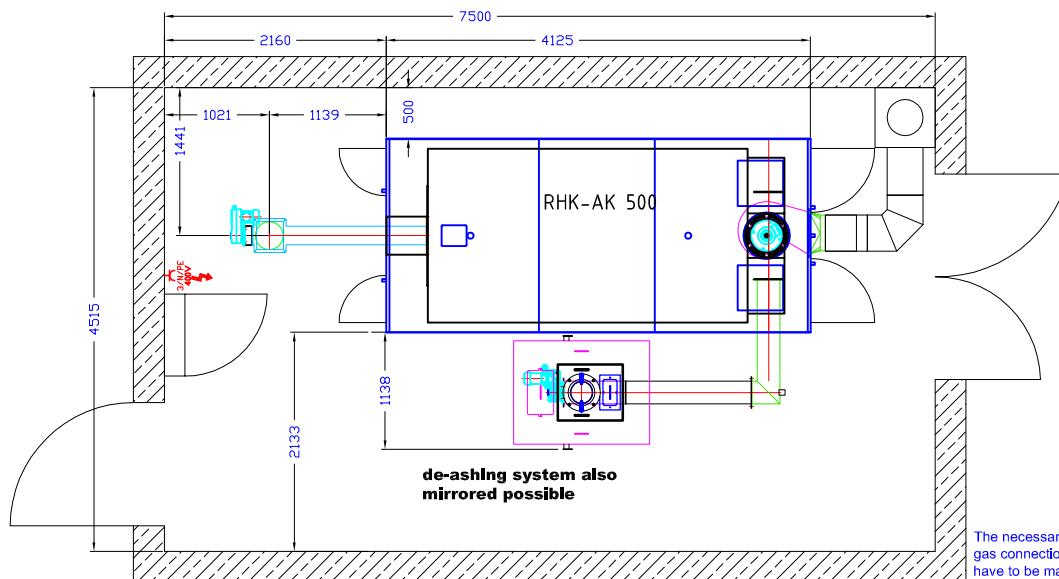




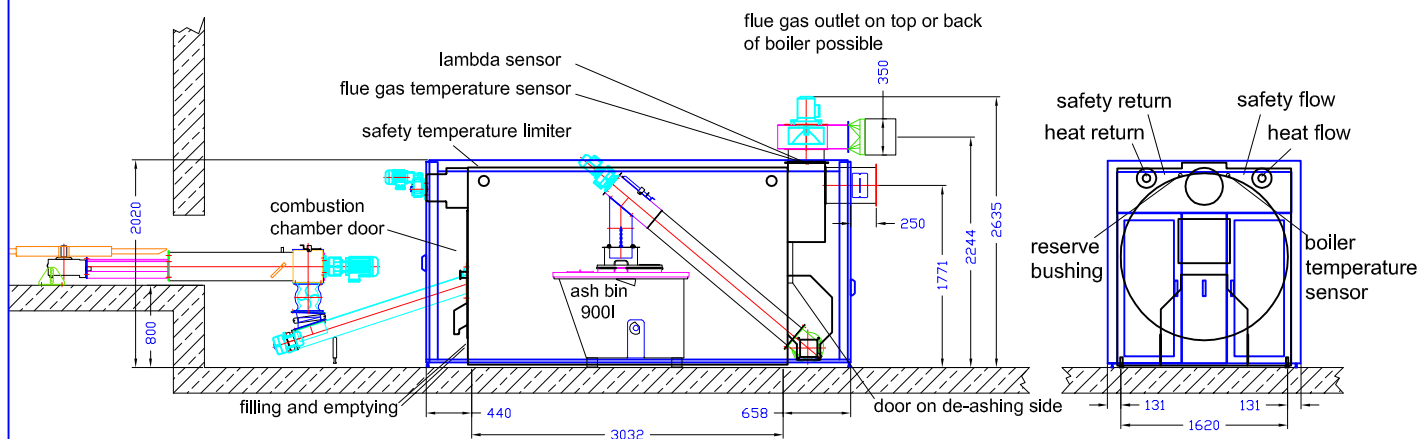
Electrical connection data Boilers from 149 kW - 800 kW

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

Technical data RHK-AK 500

without e-filter

transport width (mm)	1692
transport length (mm)	3530
transport height (mm)	1990
width with cover panel (mm)	1880
length with cover panel (mm)	4125
height with cover panel (mm)	2020
water content (l)	1805
weight (kg)	6800
heat exchanger surface (m²)	37,10
continuous heat load (kW)	*450 / **400
*wood chips/ **pellets	
heating output (kW)	500
CO² (%)	10,0
efficiency (%)	>90
flue gas mass flow (kg/s)	0,389000
flue gas temperature (°C)	180
flue depress (PA)	32
flue depress with underpressure monitoring (PA)	10
drop at dT 10 pressure K (mbar)	202,40
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)	350
min. opening for air supply (cm²)	1050
min. volume flow rate for return temp. increase at 15K (m³/h)	9,55



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" *.

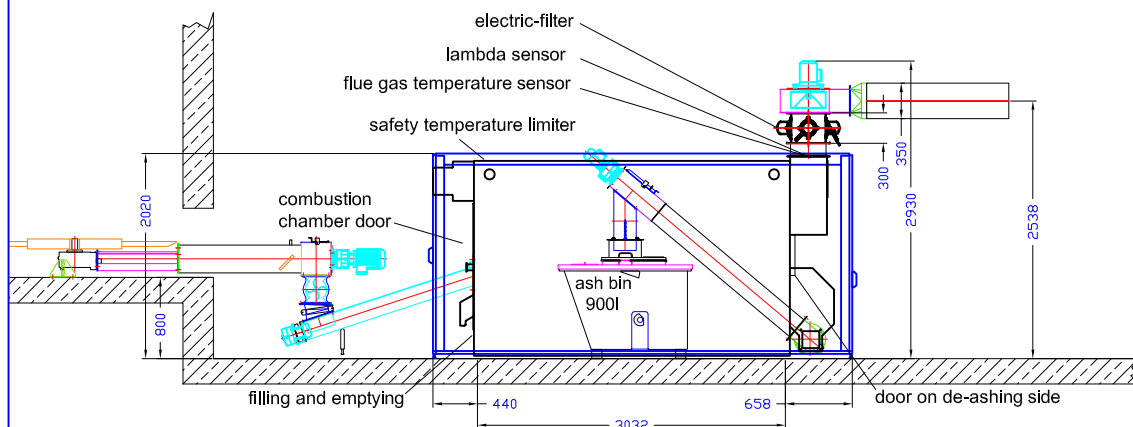
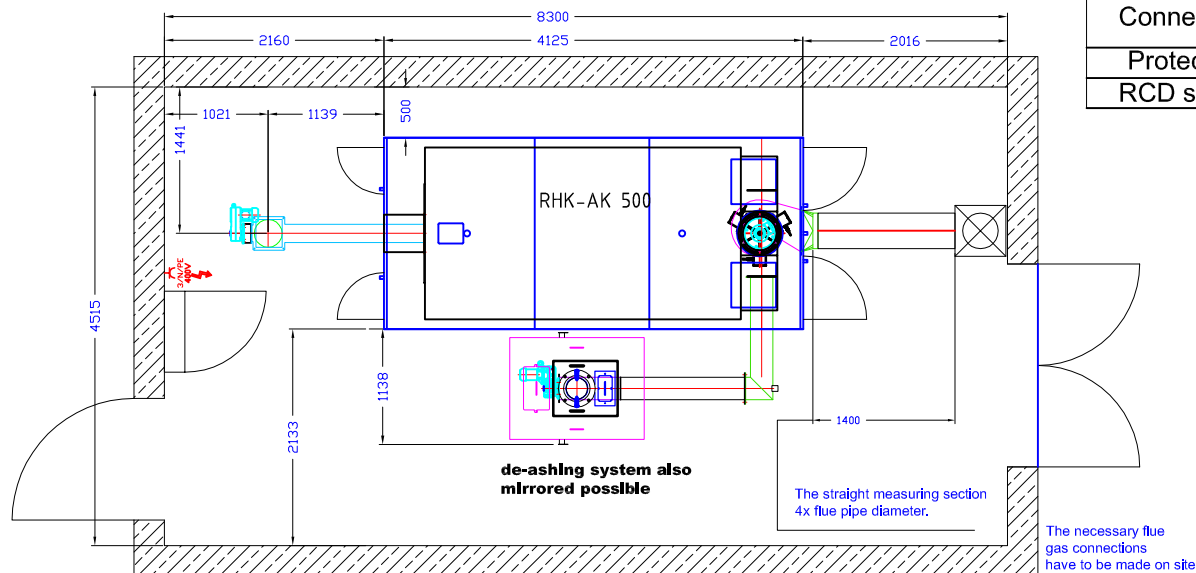
Technical changes that serve the permanent further development remain reserved.

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

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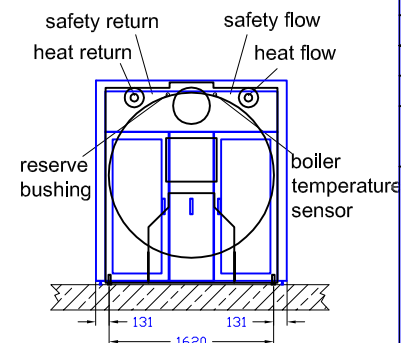


Electrical connection data Boilers from 149 kW - 800 kW

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

Technical data RHK-AK 500 with e-filter

transport width (mm)	1692
transport length (mm)	3530
transport height (mm)	1990
width with cover panel (mm)	1880
length with cover panel (mm)	4125
height with cover panel (mm)	2020
water content (l)	1805
weight (kg)	6800
heat exchanger surface (m²)	37,10
continuous heat load (kW) *wood chips/ **pellets	*450 / **400
heating output (kW)	500
CO² (%)	10,0
efficiency (%)	>90
flue gas mass flow (kg/s)	0,389000
flue gas temperature (°C)	180
flue depress (PA)	32
flue depress with underpressure monitoring (PA)	10
drop at dT 10 pressure K (mbar)	202,40
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)	350
min. opening for air supply (cm²)	1050
min. volume flow rate for return temp. increase at 15K (m³/h)	9,55



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.

Technical data electric-filter

Heizoclean EF185, electrostatic	3x in flue pipe 350
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Electrical connection data

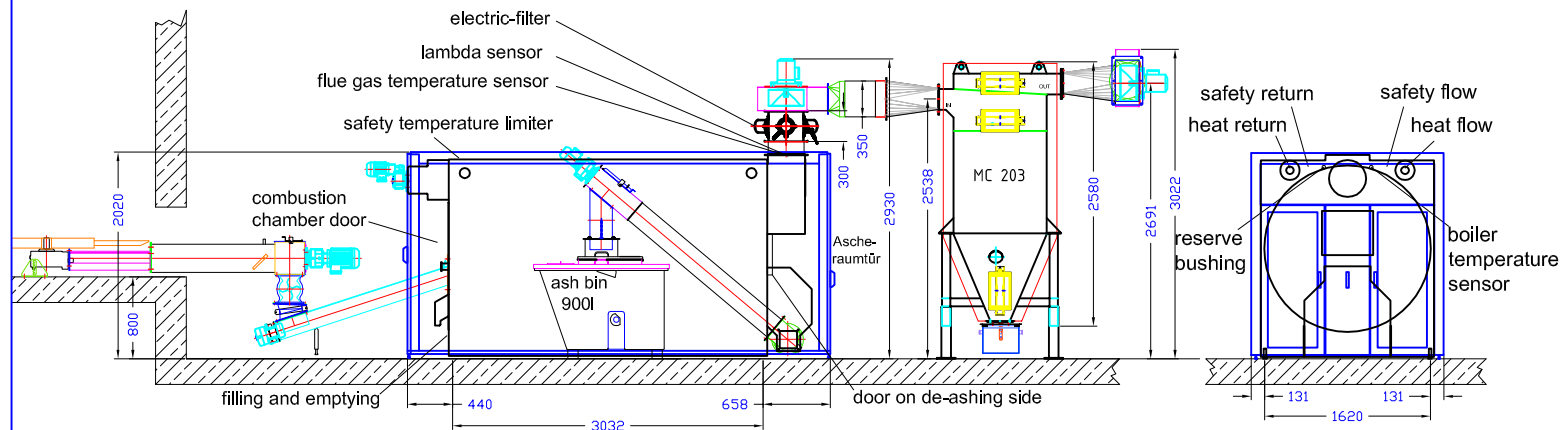
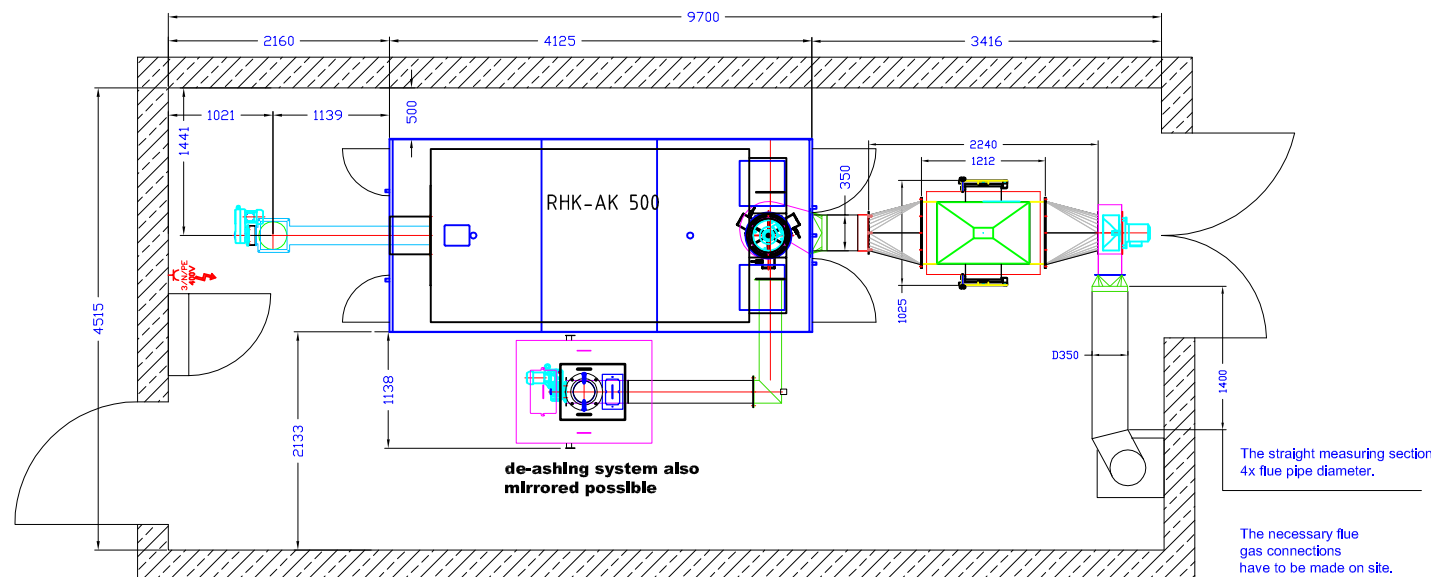
Boilers from 149 kW - 800 kW

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

Technical data RHK-AK 500

e-filter and cyclone

transport width (mm)	1692
transport length (mm)	3530
transport height (mm)	1990
width with cover panel (mm)	1880
length with cover panel (mm)	4125
height with cover panel (mm)	2020
water content (l)	1805
weight (kg)	6800
heat exchanger surface (m²)	37,10
continuous heat load (kW)	*450 / **400
*wood chips/ **pellets	
heating output (kW)	500
CO² (%)	10,0
efficiency (%)	>90
flue gas mass flow (kg/s)	0,389000
flue gas temperature (°C)	180
flue depress (PA)	32
flue depress with underpressure monitoring (PA)	10
drop at dT 10 pressure K (mbar)	202,40
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)	350
min. opening for air supply (cm²)	1050
min. volume flow rate for return temp. increase at 15K (m³/h)	9,55



Technical data cyclone MC203

transport width (mm)	1025
transport length (mm)	1212
transport height (mm)	2580
weight (kg)	700

Technical data electric-filter

Heizoclean EF185, electrostatic	3x in flue pipe 350
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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" *.

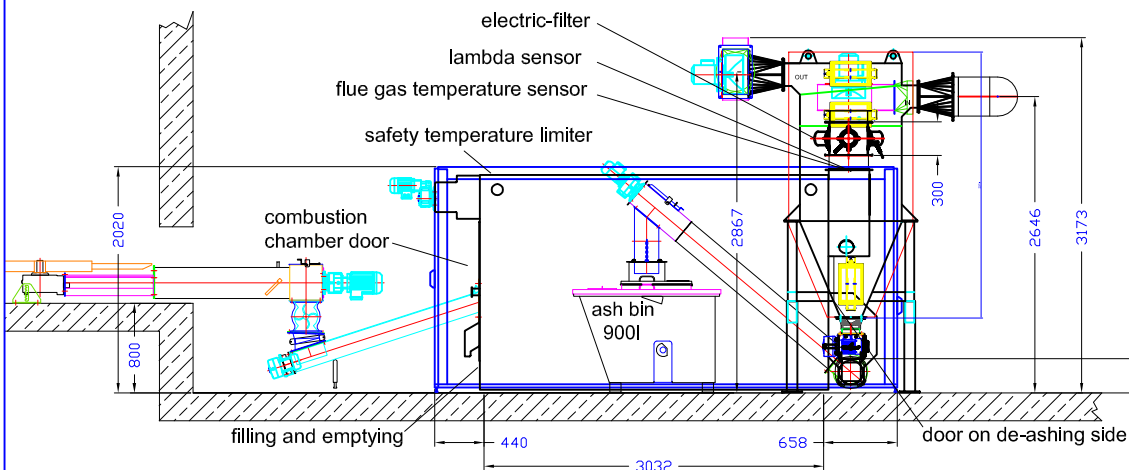
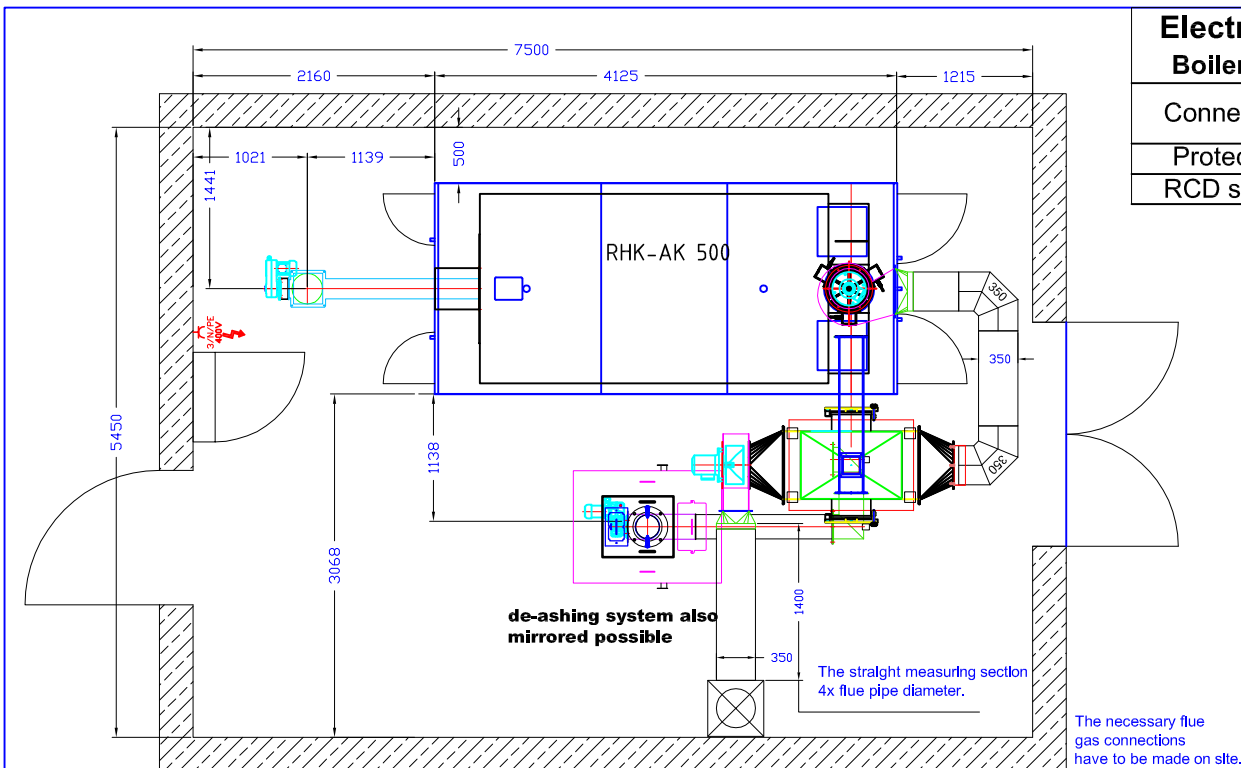
Technical changes that serve the permanent further development remain reserved.

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

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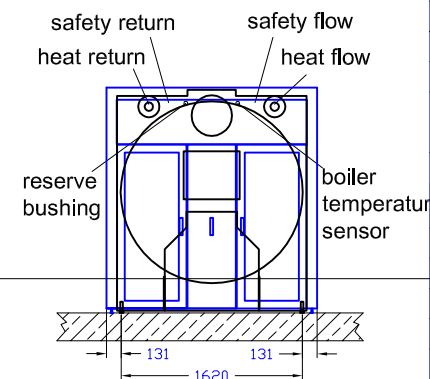


Electrical connection data Boilers from 149 kW - 800 kW

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

Technical data RHK-AK 500 e-filter/ cyclone with de-ashing

transport width (mm)	1692
transport length (mm)	3530
transport height (mm)	1990
width with cover panel (mm)	1880
length with cover panel (mm)	4125
height with cover panel (mm)	2020
water content (l)	1805
weight (kg)	6800
heat exchanger surface (m²)	37,10
continuous heat load (kW) *wood chips/ **pellets	*450 / **400
heating output (kW)	500
CO² (%)	10,0
efficiency (%)	>90
flue gas mass flow (kg/s)	0,389000
flue gas temperature (°C)	180
flue depress (PA)	32
flue depress with underpressure monitoring (PA)	10
drop at dT 10 pressure K (mbar)	202,40
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)	350
min. opening for air supply (cm²)	1050
min. volume flow rate for return temp. increase at 15K (m³/h)	9,55



Technical data cyclone MC203

transport width (mm)	1025
transport length (mm)	1212
transport height (mm)	2580
weight (kg)	700

Technical data electric-filter

Heizoclean EF185, electrostatic	3x in flue pipe 350
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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" *.

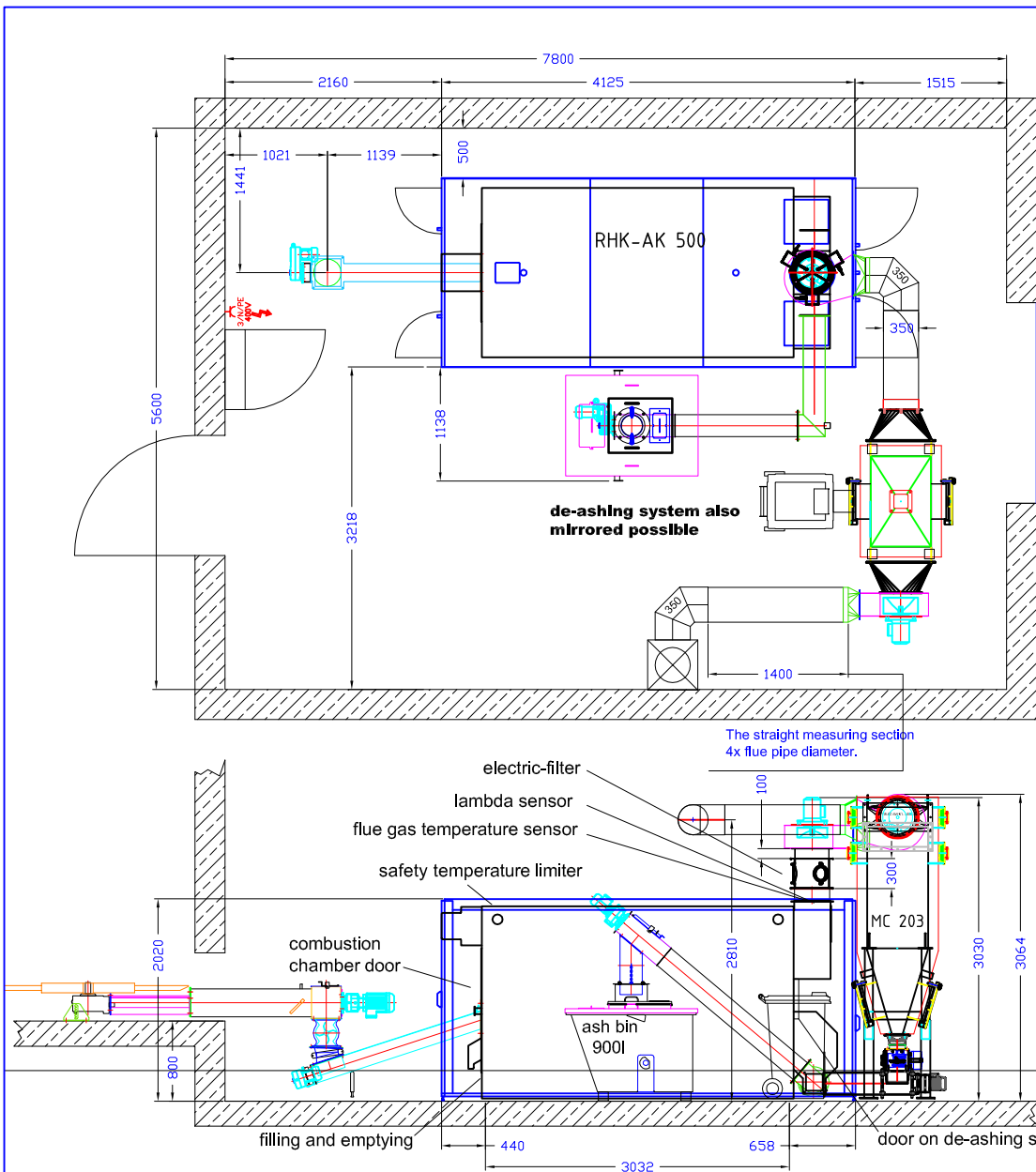
Technical changes that serve the permanent further development remain reserved.

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

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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 500

e-filter/ Cyclone with separate de-ashing

transport width (mm)	1692
transport length (mm)	3530
transport height (mm)	1990
width with cover panel (mm)	1880
length with cover panel (mm)	4125
height with cover panel (mm)	2020
water content (l)	1805
weight (kg)	6800
heat exchanger surface (m²)	37,10
continuous heat load (kW)	*450 / **400
*wood chips/ **pellets	
heating output (kW)	500
CO² (%)	10,0
efficiency (%)	>90
flue gas mass flow (kg/s)	0,389000
flue gas temperature (°C)	180
flue depress (PA)	32
flue depress with underpressure monitoring (PA)	10
drop at dT 10 pressure K (mbar)	202,40
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)	350
min. opening for air supply (cm²)	1050
min. volume flow rate for return temp. increase at 15K (m³/h)	9,55

Technical data cyclone MC203

transport width (mm)	1025
transport length (mm)	1212
transport height (mm)	2580
weight (kg)	700

Technical data electric-filter

Heizoclean EF185, electrostatic	3x in flue pipe 350
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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