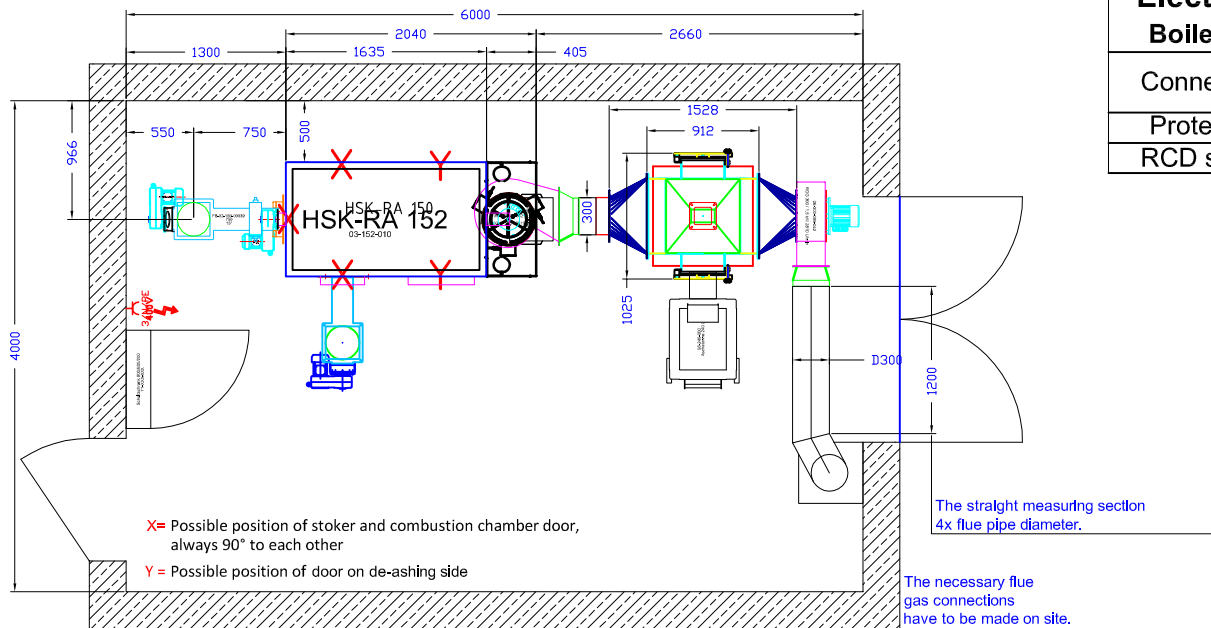




Electrical connection data

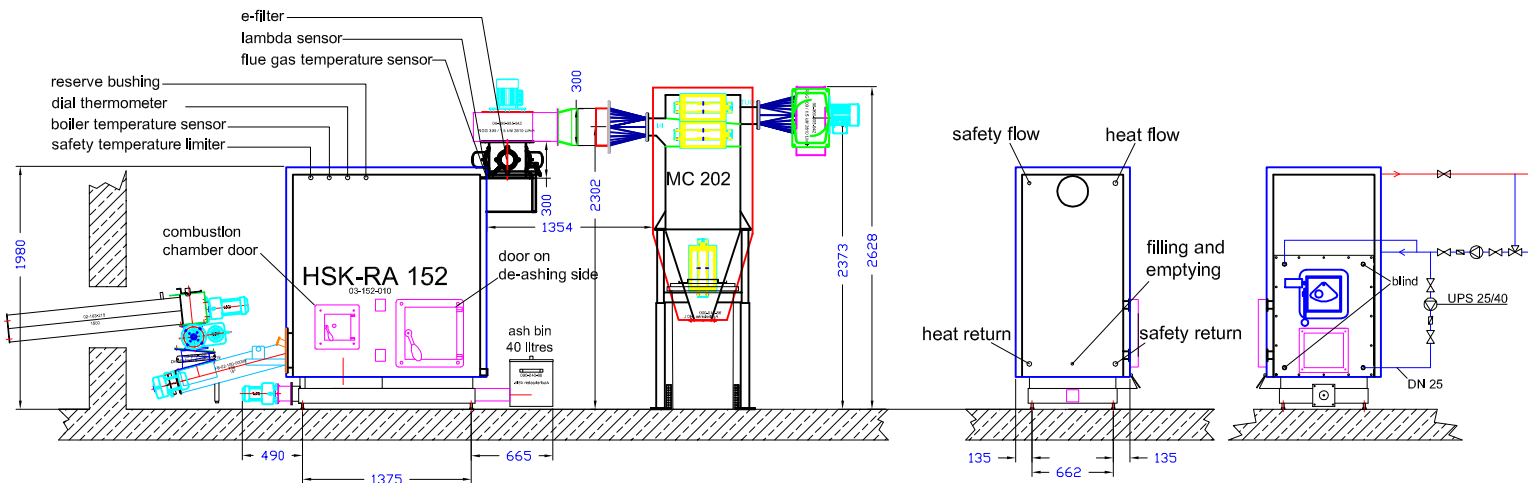
Boilers from 149 kW - 800 kW

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

Technical data HSK-RA 150

e-filter/ Cyclone with separate de-ashing

transport width (mm)	975
transport length (mm)	2005
transport height (mm)	1922
width with cover panel (mm)	975
length with cover panel (mm)	1635
length with cover panel and e-filter (mm)	2040
height with cover panel (mm)	1980
water content (l)	625
weight (kg)	2140
heat exchanger surface (m²)	15,70
continuous heat load (kW)	0-150
heating output (kW)	150
CO² (%)	10,0
efficiency (%)	>90
flue gas mass flow (kg/s)	0,125000
flue gas temperature (°C)	180
flue depress (PA)	18
flue depress with underpressure monitoring (PA)	10
drop at dT 10 pressure K (mbar)	82,40
max. pressure (bar)	3
flow heat (inch)	2
heat return (inch)	2
safety flow (inch)	1 1/2
safety return (inch)	1 1/2
filling and emptying (inch)	1/2
thermowell (inch)	1/2
flue gas pipe diameter (mm)	300
min. opening for air supply (cm²)	350
min. volume flow rate for return temp. increase at 15K (m³/h)	2,87



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.

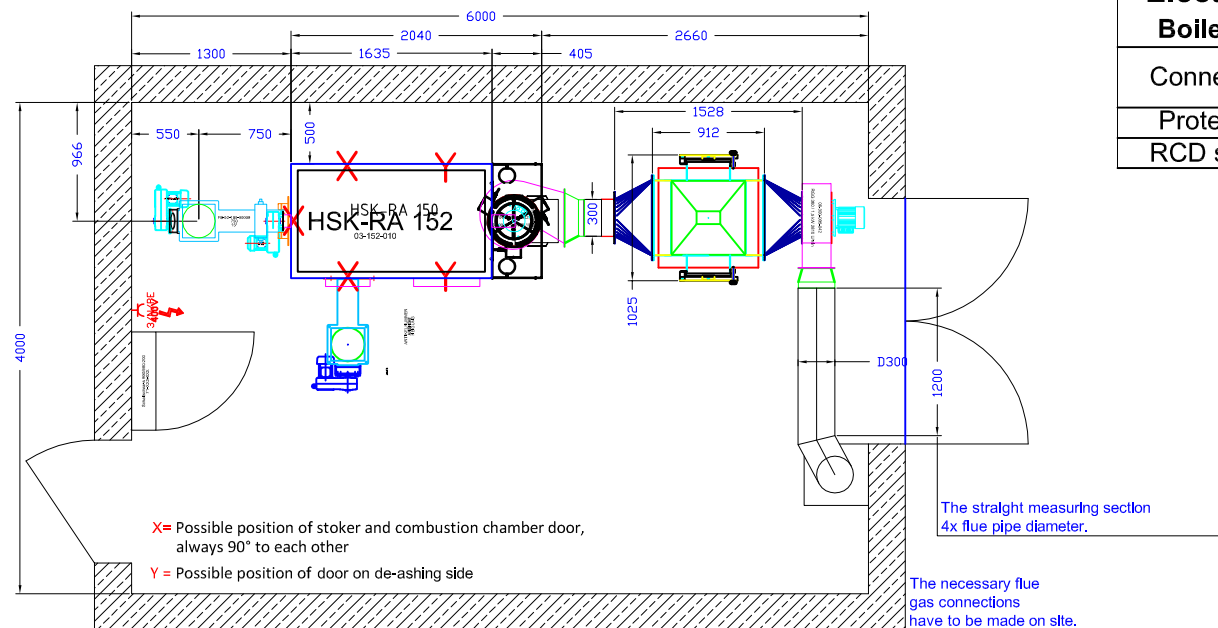
Room height and position of the particle separator(s)* should be discussed with the Heizomat team.

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.

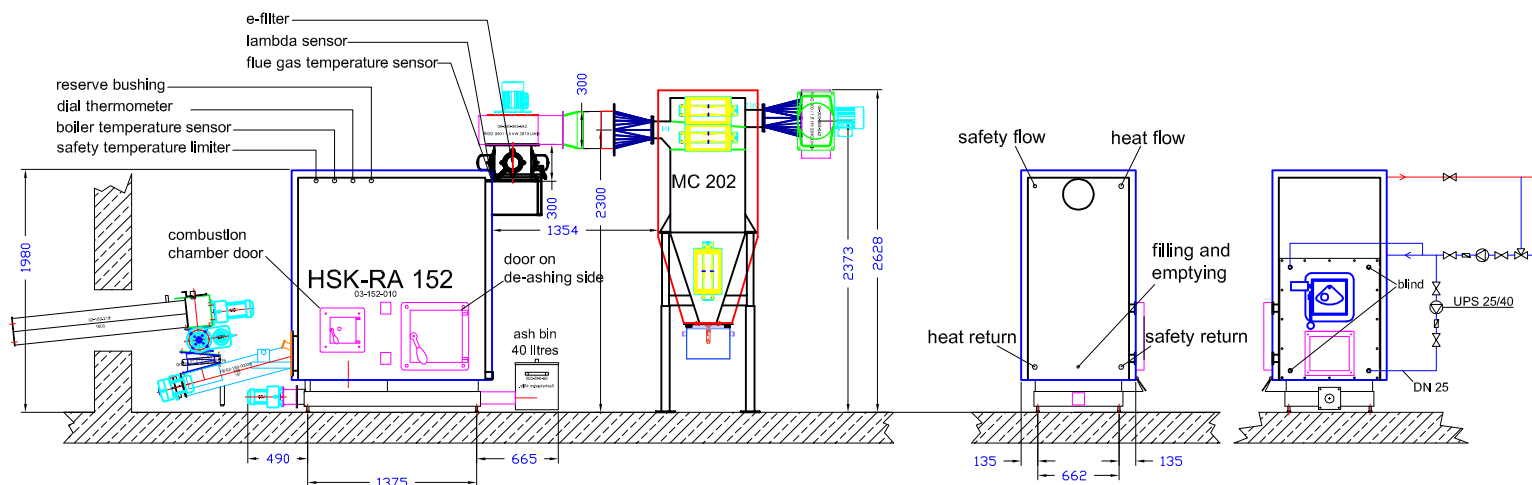
*Optional equipment, depending on the statutory provisions for the country of destination.

Status 01.07.2017



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 HSK-RA 150 e-filter and Cyclone	
transport width (mm)	975
transport length (mm)	2005
transport height (mm)	1922
width with cover panel (mm)	975
length with cover panel (mm)	1635
length with cover panel and e-filter (mm)	2040
height with cover panel (mm)	1980
water content (l)	625
weight (kg)	2140
heat exchanger surface (m ²)	15,70
continuous heat load (kW)	0-150
heating output (kW)	150
CO ² (%)	10,0
efficiency (%)	>90
flue gas mass flow (kg/s)	0,125000
flue gas temperature (°C)	180
flue depress (PA)	18
flue depress with underpressure monitoring (PA)	10
drop at dT 10 pressure K (mbar)	82,40
max. pressure (bar)	3
flow heat (inch)	2
heat return (inch)	2
safety flow (inch)	1 1/2
safety return (inch)	1 1/2
filling and emptying (inch)	1/2
thermowell (inch)	1/2
flue gas pipe diameter (mm)	300
min. opening for air supply (cm ²)	350
min. volume flow rate for return temp. increase at 15K (m ³ /h)	2,87



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

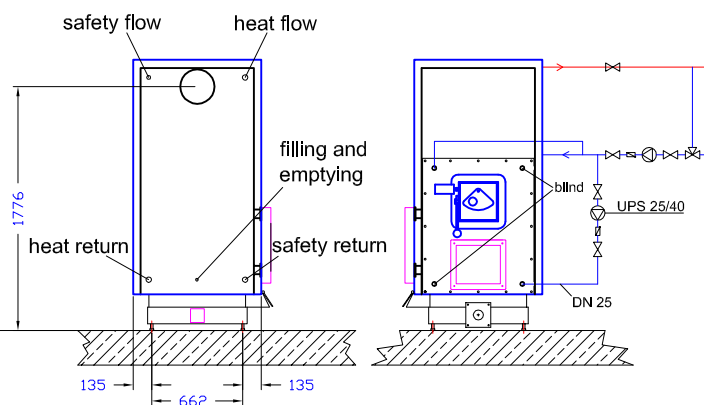
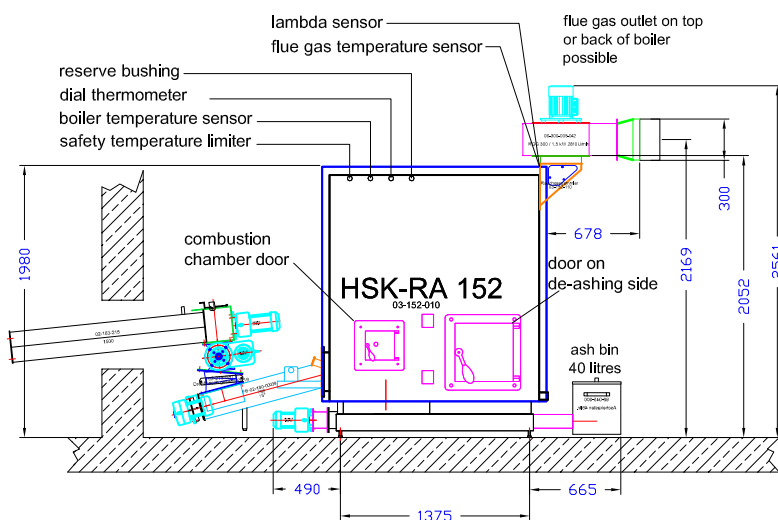
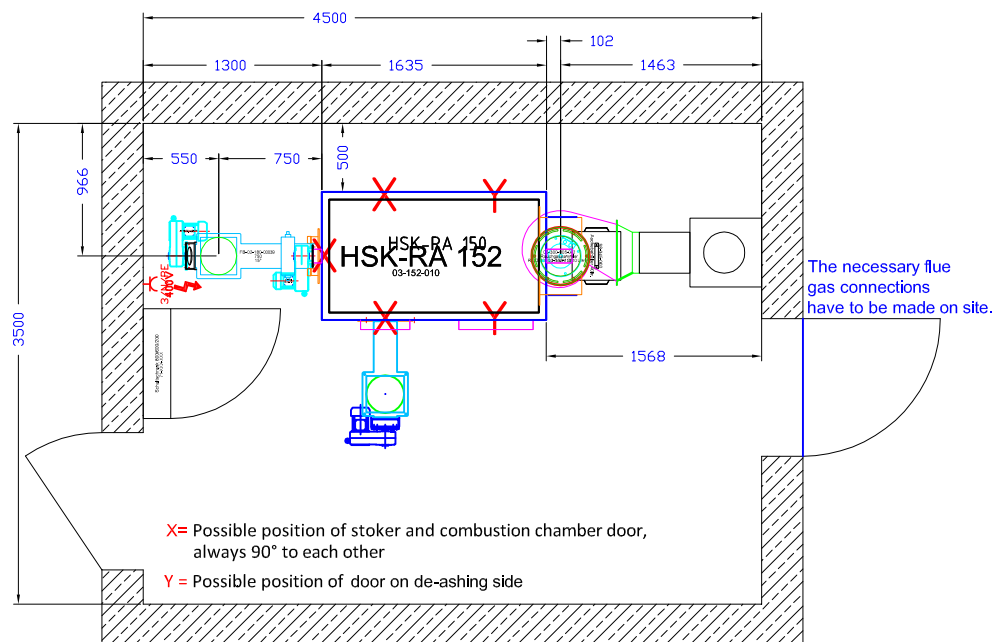
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The boiler should be accessible from three sides. The discharging system should not cross the heating room.
Room height and position of the particle separator(s)* should be discussed with the Heizomat team.
Connecting points for the necessary potential 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



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 HSK-RA 150 without e-filter

transport width (mm)	975
transport length (mm)	1950
transport height (mm)	2002
width with cover panel (mm)	975
length with cover panel (mm)	1635
height with cover panel (mm)	1980
water content (l)	625
weight (kg)	2140
heat exchanger surface (m ²)	15,70
continuous heat load (kW)	0-150
heating output (kW)	150
CO ² (%)	10,0
efficiency (%)	>90
flue gas mass flow (kg/s)	0,125000
flue gas temperature (°C)	180
flue depress (PA)	18
flue depress with underpressure monitoring (PA)	10
drop at dT 10 pressure K (mbar)	82,40
max. pressure (bar)	3
flow heat (inch)	2
heat return (inch)	2
safety flow (inch)	1 1/2
safety return (inch)	1 1/2
filling and emptying (inch)	1/2
thermowell (inch)	1/2
flue gas pipe diameter (mm)	300
min. opening for air supply (cm ²)	350
min. volume flow rate for return temp. increase at 15K (m ³ /h)	2,87

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" *.

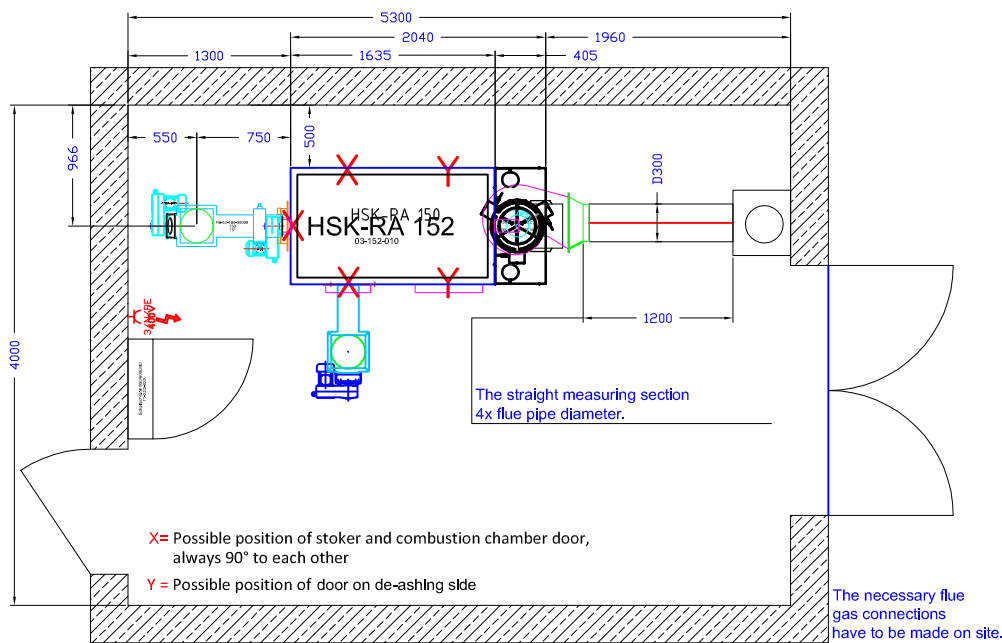
Technical changes that serve the permanent further development remain reserved.

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

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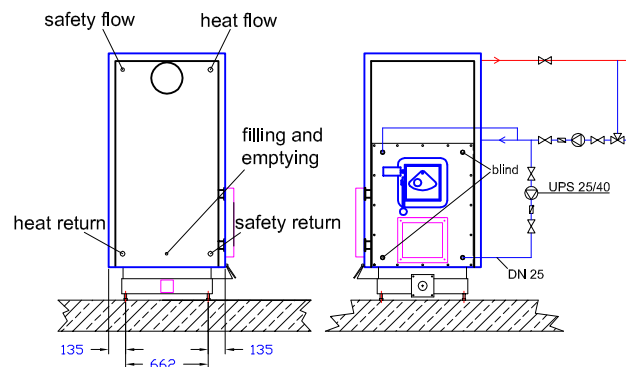
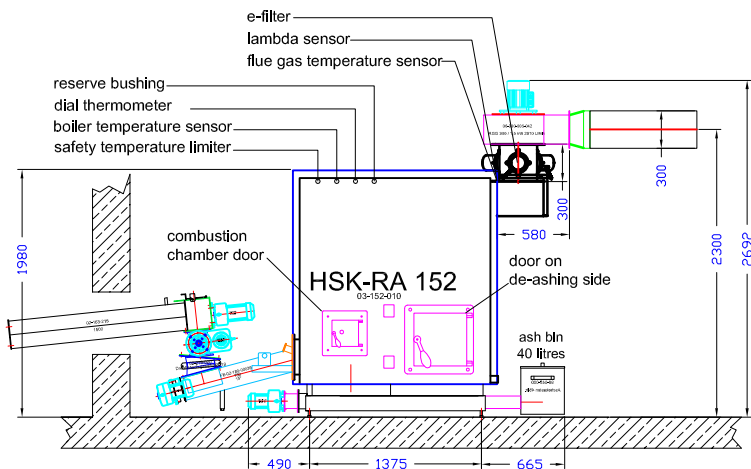


Electrical connection data Boilers from 149 kW - 800 kW

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

Technical data HSK-RA 150 with e-filter

transport width (mm)	975
transport length (mm)	2005
transport height (mm)	1922
width with cover panel (mm)	975
length with cover panel (mm)	1635
length with cover panel and e-filter (mm)	2040
height with cover panel (mm)	1980
water content (l)	625
weight (kg)	2140
heat exchanger surface (m²)	15,70
continuous heat load (kW)	0-150
heating output (kW)	150
CO² (%)	10,0
efficiency (%)	>90
flue gas mass flow (kg/s)	0,125000
flue gas temperature (°C)	180
flue depress (PA)	18
flue depress with underpressure monitoring (PA)	10
drop at dT 10 pressure K (mbar)	82,40
max. pressure (bar)	3
flow heat (inch)	2
heat return (inch)	2
safety flow (inch)	1 1/2
safety return (inch)	1 1/2
filling and emptying (inch)	1/2
thermowell (inch)	1/2
flue gas pipe diameter (mm)	300
min. opening for air supply (cm²)	350
min. volume flow rate for return temp. increase at 15K (m³/h)	2,87



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

Technical data electric-filter

Heizoclean EF185, electrostatic 3x in flue pipe 300

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