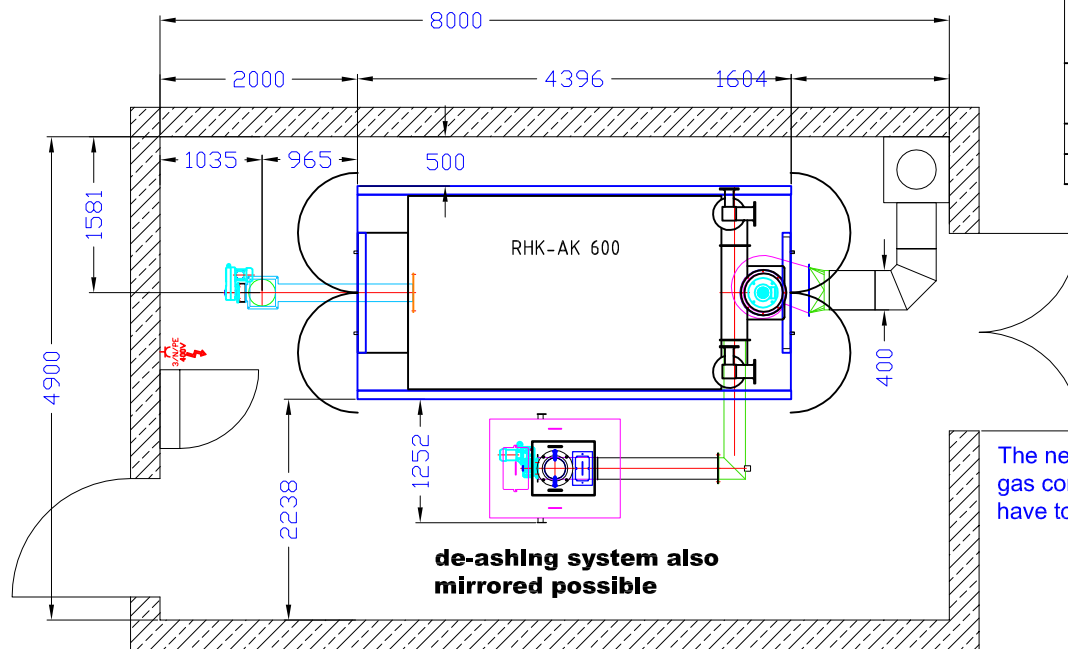




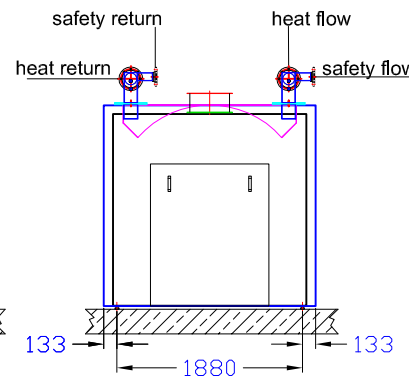
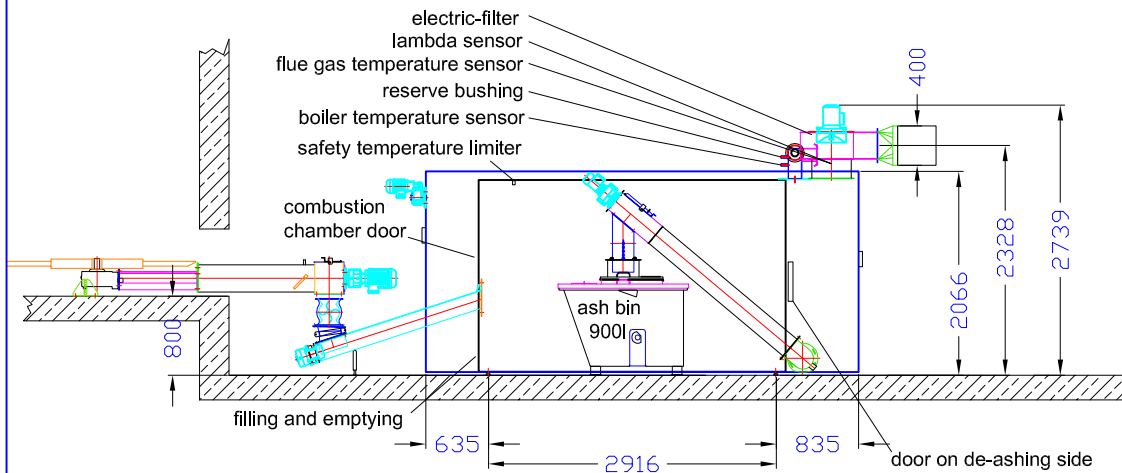
Electrical connection data Boilers from 149 kW to 800 kW

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

Technical data RHK-AK 650 without e-filter

transport width (mm)	1960
transport length (mm)	4000
transport height (mm)	1960
width with cover panel (mm)	2146
length with cover panel (mm)	4385
height with cover panel (mm)	2066
water content (l)	2680
weight (kg)	8500
heat exchanger surface (m²)	56,00
continuous heat load (kW) *wood chips/ **pellets	*0-540 / **0-520
heating output (kW)	650
CO ² (%)	10,0
efficiency (%)	>90
flue gas mass flow (kg/s)	0,506000
flue gas temperature (°C)	180
flue depress (PA)	40
flue depress with underpressure monitoring (PA)	10
drop at dT 10 pressure K (mbar)	254,20
max. pressure (bar)	3
flow heat (DN)	125
heat return(DN)	125
safety flow (DN)	80
safety return(DN)	80
filling and emptying (inch)	2
thermowell (inch)	1/2
flue gas pipe diameter (mm)	400
min. opening for air supply (cm²)	1250
min. volume flow rate for return temp. increase at 15K (m³/h)	12,40

The necessary flue
gas connections
have to be made on site.



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" *.

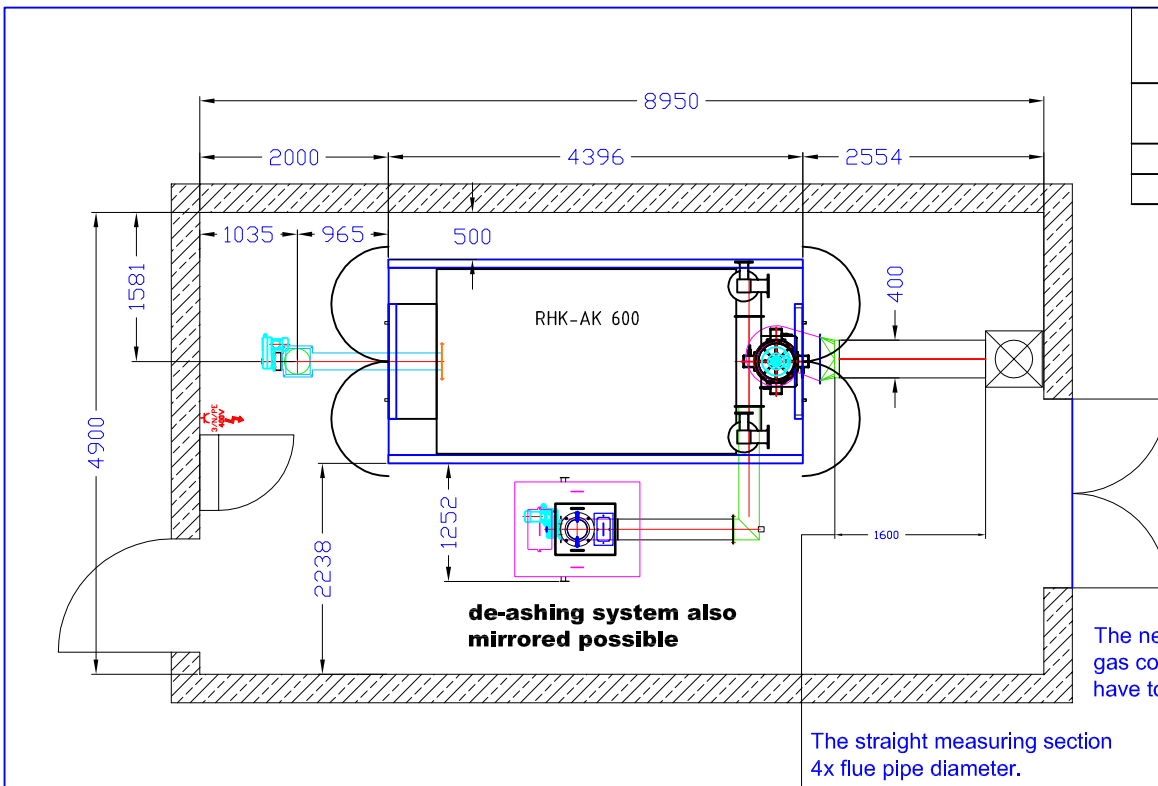
Technical changes that serve the permanent further development remain reserved.

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

Status 01.07.2017

Heizomat

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



Electrical connection data

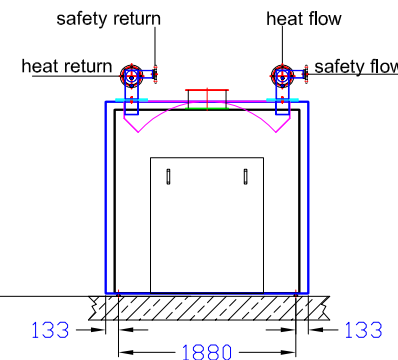
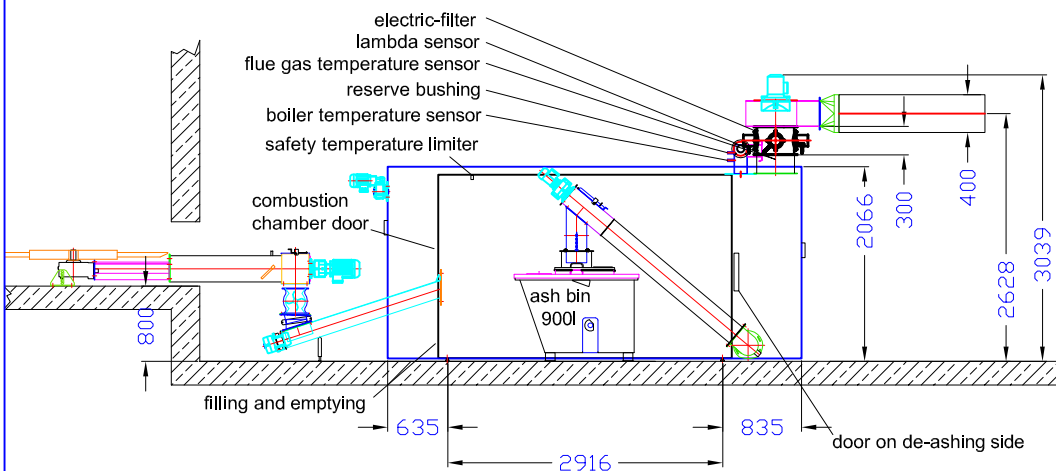
Boilers from 149 kW to 800 kW

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

Technical data RHK-AK 650

with e-filter

transport width (mm)	1960
transport length (mm)	4000
transport height (mm)	1960
width with cover panel (mm)	2146
length with cover panel (mm)	4385
height with cover panel (mm)	2066
water content (l)	2680
weight (kg)	8500
heat exchanger surface (m²)	56,00
continuous heat load (kW)	*0-540 / **0-520
*wood chips/ **pellets	
heating output (kW)	650
CO² (%)	10,0
efficiency (%)	>90
flue gas mass flow (kg/s)	0,506000
flue gas temperature (°C)	180
flue depress (PA)	40
flue depress with underpressure monitoring (PA)	10
drop at dT 10 pressure K (mbar)	254,20
max. pressure (bar)	3
flow heat (DN)	125
heat return(DN)	125
safety flow (DN)	80
safety return(DN)	80
filling and emptying (inch)	2
thermowell (inch)	1/2
flue gas pipe diameter (mm)	400
min. opening for air supply (cm²)	1250
min. volume flow rate for return temp. increase at 15K (m³/h)	12,40



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.

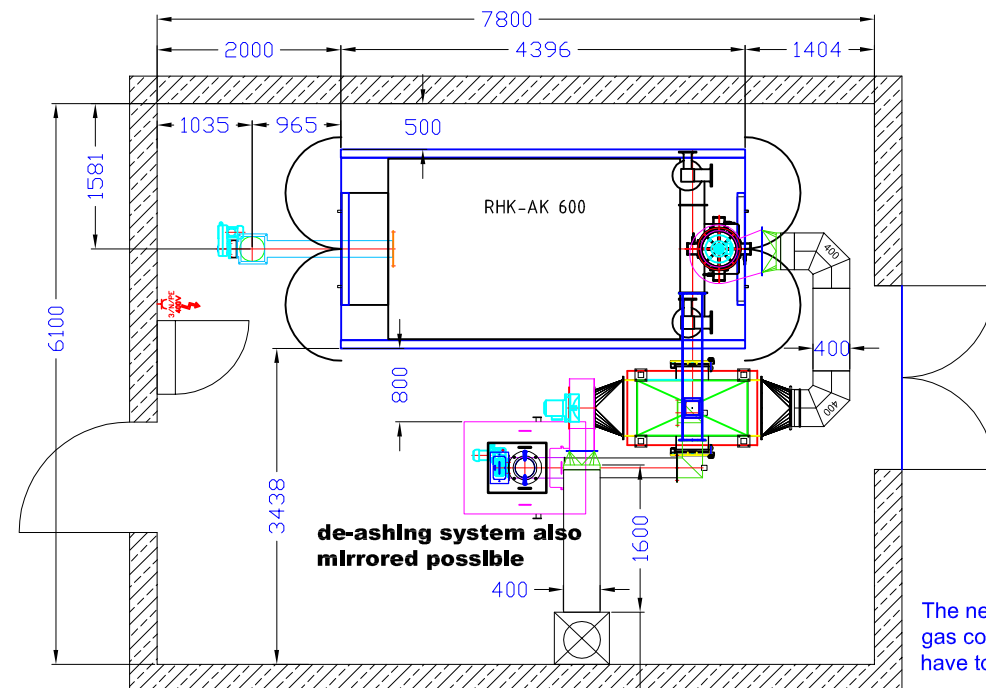
Technical data electric-filter

Heizoclean EF185, electrostatic	4x in flue pipe 400
------------------------------------	------------------------

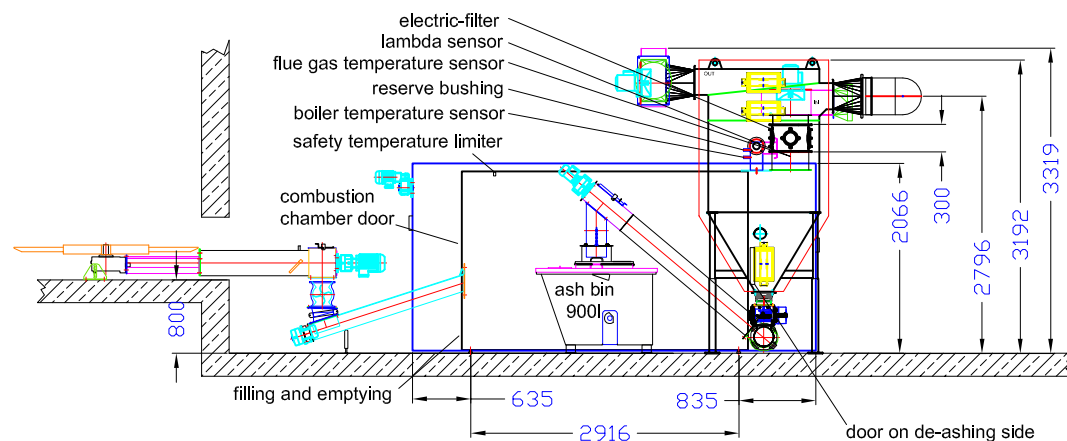
Heizomat

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

Status 01.07.2017



The straight measuring section
4x flue pipe diameter.



Electrical connection data Boilers from 149 kW to 800 kW

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

Technical data RHK-AK 650 e-filter/ cyclone with de-ashing

transport width (mm)	1960
transport length (mm)	4000
transport height (mm)	1960
width with cover panel (mm)	2146
length with cover panel (mm)	4385
height with cover panel (mm)	2066
water content (l)	2680
weight (kg)	8500
heat exchanger surface (m²)	56,00
continuous heat load (kW)	*0-540 / **0-520
*wood chips/ **pellets	
heating output (kW)	650
CO² (%)	10,0
efficiency (%)	>90
flue gas mass flow (kg/s)	0,506000
flue gas temperature (°C)	180
flue depress (PA)	40
flue depress with underpressure monitoring (PA)	10
drop at dT 10 pressure K (mbar)	254,20
max. pressure (bar)	3
flow heat (DN)	125
heat return(DN)	125
safety flow (DN)	80
safety return(DN)	80
filling and emptying (inch)	2
thermowell (inch)	1/2
flue gas pipe diameter (mm)	400
min. opening for air supply (cm²)	1250
min. volume flow rate for return temp. increase at 15K (m³/h)	12,40

Technical data cyclone MC204

transport width (mm)	1025
transport length (mm)	1512
transport height (mm)	2580
weight (kg)	1050

Technical data electric-filter

Heizoclean EF185, electrostatic	4x in flue pipe 400
------------------------------------	------------------------



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

Status 01.07.2017

Electrical connection data

Boilers from 149 kW to 800 kW

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

Technical data RHK-AK 650

e-filter/ Cyclone

transport width (mm)	1960
transport length (mm)	4000
transport height (mm)	1960
width with cover panel (mm)	2146
length with cover panel (mm)	4385
height with cover panel (mm)	2066
water content (l)	2680
weight (kg)	8500
heat exchanger surface (m²)	56,00
continuous heat load (kW)	*0-540 / **0-520
*wood chips/ **pellets	
heating output (kW)	650
CO² (%)	10,0
efficiency (%)	>90
flue gas mass flow (kg/s)	0,506000
flue gas temperature (°C)	180
flue depress (PA)	40
flue depress with underpressure monitoring (PA)	10
drop at dT 10 pressure K (mbar)	254,20
max. pressure (bar)	3
flow heat (DN)	125
heat return(DN)	125
safety flow (DN)	80
safety return(DN)	80
filling and emptying (inch)	2
thermowell (inch)	1/2
flue gas pipe diameter (mm)	400
min. opening for air supply (cm²)	1250
min. volume flow rate for return temp. increase at 15K (m³/h)	12,40

Technical data cyclone MC204

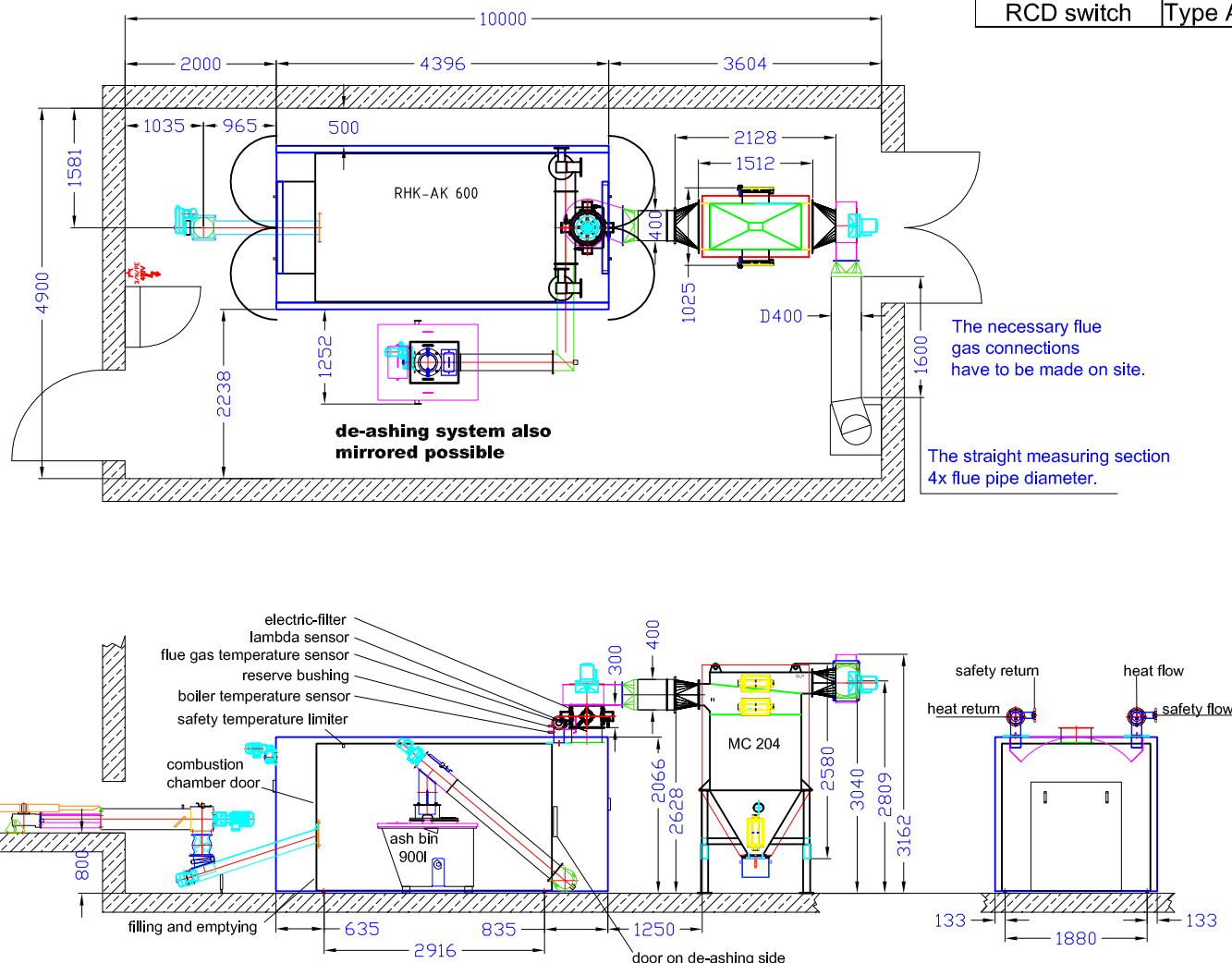
transport width (mm)	1025
transport length (mm)	1512
transport height (mm)	2580
weight (kg)	1050

Technical data electric-filter

Heizoclean EF185, electrostatic	4x in flue pipe 400
------------------------------------	------------------------

Heizomat

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