

Electrical connection data Boilers up to 101 kW

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

Technical data HSK-RA 75 without e-filter

transport width (mm)	925
transport length (mm)	1467
transport height (mm)	1486
width with cover panel (mm)	925
length with cover panel (mm)	1335
height with cover panel (mm)	1536
water content (l)	280
weight (kg)	1300
heat exchanger surface (m ²)	8,10
continuous heat load (kW)	0-75
heating output (kW)	75
CO ² (%)	10,0
efficiency (%)	>90
flue gas mass flow (kg/s)	0,067000
flue gas temperature (°C)	180
flue depress (PA)	15
flue depress with underpressure monitoring (PA)	10
drop at dT 10 pressure K (mbar)	15,90
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 ²)	200
min. volume flow rate for return temp. increase at 15K (m ³ /h)	1,43

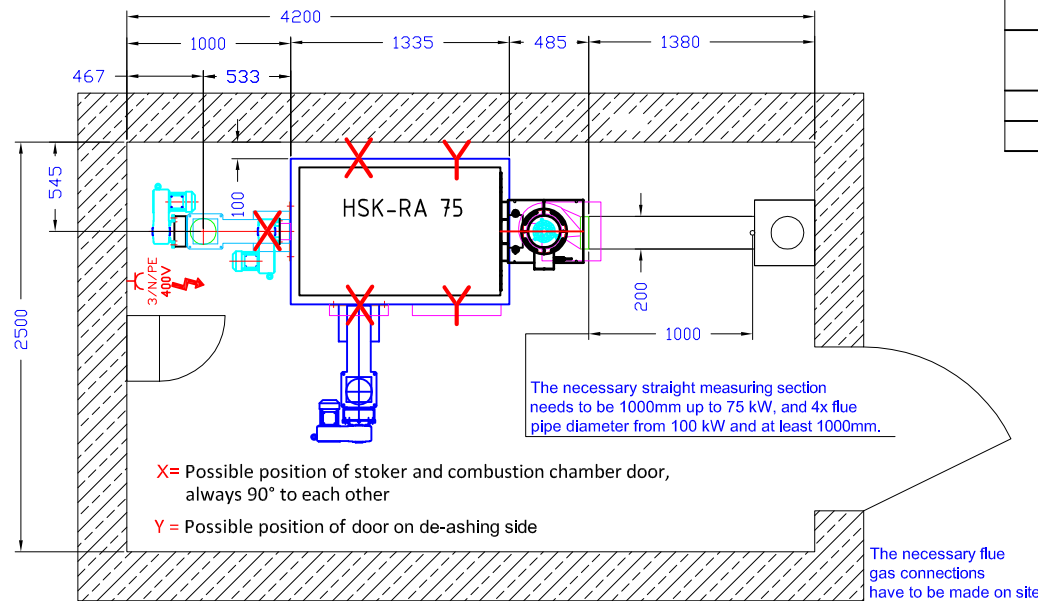
The boiler should be accessible from three sides. The discharging system should not cross the heating room.
 Room height and position of the e-filter should be discussed with the Heizomat team.
 Connecting points for the necessary potential equalization on the boiler see supplementary sheet "Connection of the Heizomat boiler system to the main potential equalization of a building".

Technical changes that serve the permanent further development remain reserved.

Status 01.07.2017



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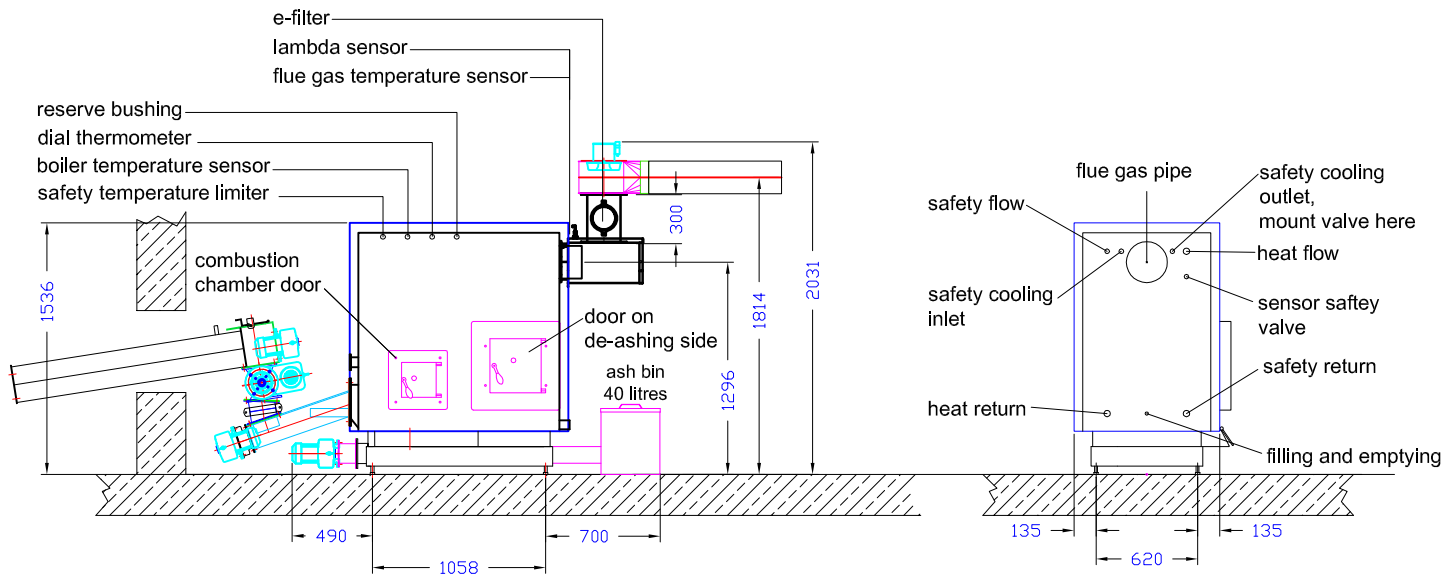


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RCD switch	Type A IΔN 30mA

Technical data HSK-RA 75 with e-filter

transport width (mm)	925
transport length (mm)	1820
transport height (mm)	1486
width with cover panel (mm)	925
length with cover panel (mm)	1335
length with cover panel and e-filter (mm)	1791
height with cover panel (mm)	1536
water content (l)	280
weight (kg)	1300
heat exchanger surface (m ²)	8,10
continuous heat load (kW)	0-75
heating output (kW)	75
CO ² (%)	10,0
efficiency (%)	>90
flue gas mass flow (kg/s)	0,067000
flue gas temperature (°C)	180
flue depress (PA)	15
flue depress with underpressure monitoring (PA)	10
drop at dT 10 pressure K (mbar)	15,90
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 ²)	200
min. volume flow rate for return temp. increase at 15K (m ³ /h)	1,43



The boiler should be accessible from three sides. The discharging system should not cross the heating room. Room height and position of the e-filter should be discussed with the Heizomat team. Connecting points for the necessary potential equalization on the boiler see supplementary sheet "Connection of the Heizomat boiler system to the main potential equalization of a building".

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Technical data electric-filter

Heizoclean EF185, electrostatic	1x in flue pipe 200
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