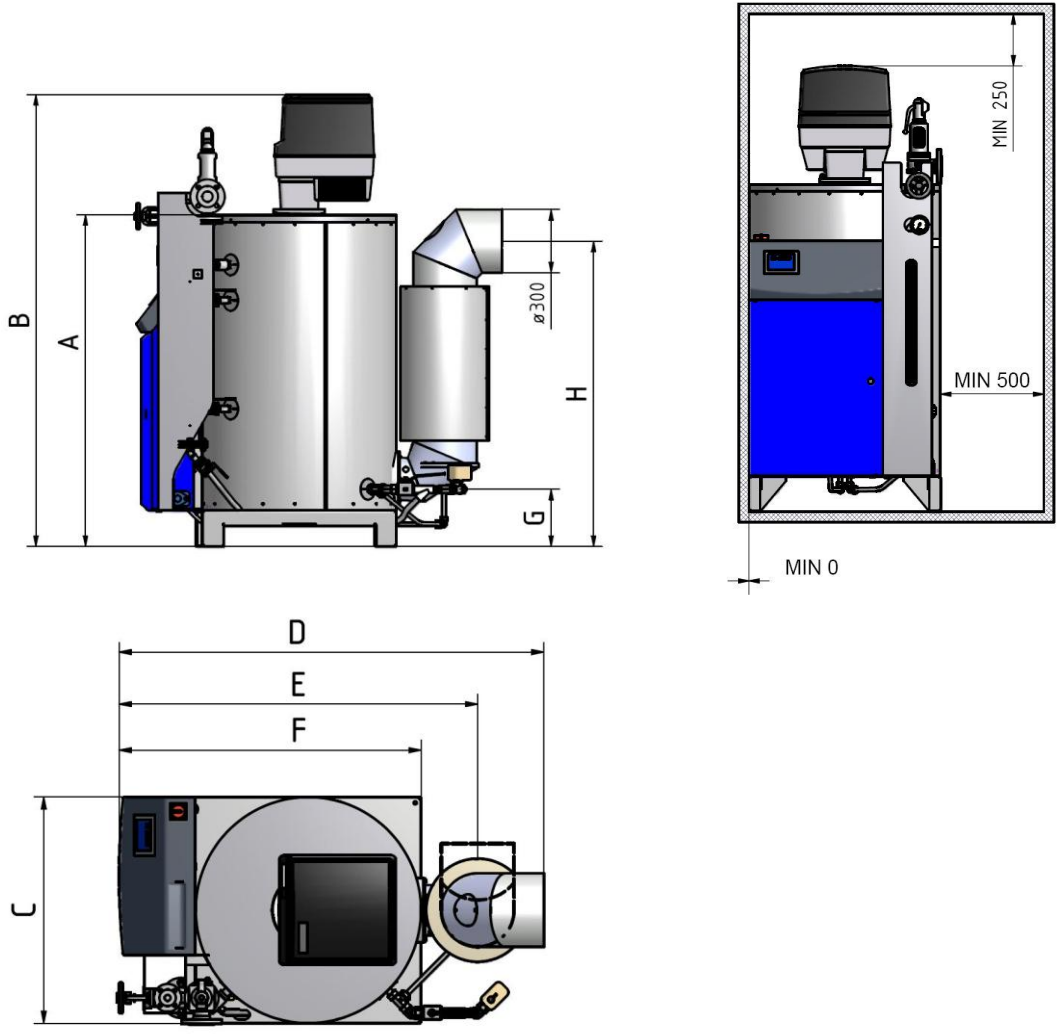


Dimensions Steam boiler DG



boiler type	DG160	DG260	DG360	DG460	DG560
Charging height A*	1, 130 mm	1, 363 mm	1, 563 mm	1, 563 mm	1, 563 mm
Total height B*	1, 460 mm	1, 756 mm	2, 043 mm	2, 043 mm	2, 140 mm
Width C	800 mm	800 mm	800 mm	930 mm	930mm
Total depth D	1, 380 mm	1, 620 mm	1, 620 mm	1, 750 mm	1, 750mm
Depth E (at 90 ° twisted economizer)		1, 350 mm	1, 350 mm	1, 480 mm	1, 480 mm
Depth F	1, 080 mm	1, 100mm	1, 100mm	1, 230mm	1, 230mm
Height G, leaving blow down	225 mm	275 mm	275 mm	275 mm	275 mm
Height H *, exhaust outlet	795 mm	1, 438 mm	1, 438 mm	1, 438 mm	1, 438 mm

*) Heights may be reduced upon request up to 100mm. However, then only limited truck transport is possible.

Further technical data Steam boiler DG

Boiler type	DG120	DG160	DG260	DG360	DG460	DG560
Steam up	120 kg / h 2 kg / min	160 kg / h 2.7kg / min	260 kg / h 4.3kg / min	360 kg / h 6 kg / min	460 kg / h 7.7 kg / min	560 kg / h 9.3 kg / min
Max. operating pressure	13 barÜ					
Max. Working pressure	2_11_21					
heat load	75 kW	110 kW	175 kW	245kW	315kW	400 kW
heat output	70 kW	105 kW	170 kW	235 kW	300 kW	380 kW
Total (incl. Eco)	19 Liter	27 Liter	45 Liter	60 Liter	75 Liter	75 Liter
low water level	6 liters	7 Liter	10 Liter	12 Liter	15 Liter	15 Liter
Heating time in min	5	5	8	8	8	8
max. Oil throughput (11, 8kWh / kg)	6.3 kg/h	9.3 kg/h	14.8 kg/h	20.7 kg/h	26.7kg/h	33.9 kg/h
max. Gas additive (10, 35kWh / m ³)	7.2 m ³ / h	10.6 m ³ / h	16.9 m ³ / h	23.7 m ³ / h	30.4 m ³ / h	38.6 m ³ / h
min. Gas flow pressure (on the burner at 1 'pipe)	14 mbar	16 mbar	22 mbar	20 mbar	24 mbar	27 mbar
flue gas mass flow	0.04 kg / s	0.05 kg / s	0.08 kg / s	0.11 kg / s	0.14 kg / s	0.18 kg / s
min. Chimney draft	0.2 mbar	0.2 mbar	0.15 mbar	0.15 mbar	0.15 mbar	0.1 mbar
Electrical connection	400 V/50Hz	400 V/50Hz	400 V/50Hz	400 V/50Hz	400 V/50Hz	400 V/50Hz
Electrical Power requirement	2, 4 kW	2, 4 kW	3, 2 kW	3, 2 kW	4, 0 kW	4, 0 kW
min. ambient temperature	5 °C	5 °C	5 °C	5 °C	5 °C	5 °C
max. ambient temperature	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C
net weight	460 kg	580 kg	700 kg	800 kg	1200 kg	1300 kg
Noise level oil gas	58 dbA 61 bdA	58 dbA 61 dbA	62 dbA 66 dbA	73 dbA 73 dbA	73 dbA 73 dbA	76 dbA 76 dbA
Terminal flue outlet	150 mm	150 mm	300 mm	300 mm	300 mm	300 mm
Gas Connection	1"	1"	1"	1"	1"	1"
Connection steam valve	DN20	DN20	DN20	DN20	DN25	DN25
Feed water pump connection	1"	1"	1"	1"	1"	1"
Safety valve connection	DN25	DN25	DN25	DN25	DN32	DN32
blow down connection	¾"	¾"	¾"	¾"	¾"	¾"

The data are valid under the following conditions:

- Use of an exhaust gas heat exchanger (economiser)
- Feed water temperature of 90 °C
- Working pressure of 6 bar overpressure
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