

# TECHNICAL DATA

TYPE OF BOILER	DG 160	DG 260	DG 360	DG 460	DG 560	2 x DG 560	3 x DG 560	4 x DG 560
Unit type	Single unit	Single unit	Single unit	Single unit	Single unit	Double unit	Triple unit	Quad unit
Steam generating capacity	160 kg/h	260 kg/h	360 kg/h	460 kg/h	560 kg/h	1120 kg/h	1680 kg/h	2240 kg/h
Thermal load	110 kW	175 kW	245 kW	315 kW	400 kW	800 kW	1200 kW	1600 kW
Thermal output	105 kW	170 kW	235 kW	300 kW	380 kW	760 kW	1140 kW	1520 kW
Max. operating pressure	13 bar $\bar{u}$	13 bar $\bar{u}$	13 bar $\bar{u}$	13 bar $\bar{u}$	13 bar $\bar{u}$	13 bar $\bar{u}$	13 bar $\bar{u}$	13 bar $\bar{u}$
Warming up time	8 Minutes	8 Minutes	8 Minutes	8 Minutes	8 Minutes	8 Minutes	8 Minutes	8 Minutes
Max. oil throughput*	9,2 kg/h	14,6 kg/h	20,5 kg/h	26,5 kg/h	32,6 kg/h	65,2 kg/h	97,8 kg/h	130,4 kg/h
Max. gas throughput**	10,6 m <sup>3</sup> /h	17 m <sup>3</sup> /h	23,7 m <sup>3</sup> /h	30,5 m <sup>3</sup> /h	37,7 m <sup>3</sup> /h	75,4 m <sup>3</sup> /h	113,0 m <sup>3</sup> /h	150,7 m <sup>3</sup> /h
Gas flow pressure min.	20 mbar	20 mbar	20 mbar	20 mbar	20 mbar	20 mbar	20 mbar	20 mbar
Gas connection	1"	1"	1"	1"	1"	1"	1"	1"
Exhaust mass flow	0,05 kg/s	0,08 kg/s	0,11 kg/s	0,14 kg/s	0,18 kg/s	0,18 kg/s	per 0,18 kg/s	per 0,18 kg/s
Exhaust stack D	150 mm	300 mm	300 mm	300 mm	300 mm	per 300 mm	per 300 mm	per 300 mm
Flue draft min.	0,15 mbar	0,15 mbar	0,15 mbar	0,15 mbar	0,15 mbar	per 0,15 mbar	per 0,15 mbar	per 0,15 mbar
El. connection	400 V / 50 Hz	400 V / 50 Hz	400 V / 50 Hz	400 V / 50 Hz	400 V / 50 Hz	400 V / 50 Hz	400 V / 50 Hz	400 V / 50 Hz
El. power consumption	1,5 kW	1,5 kW	1,5 kW	1,5 kW	1,5 kW	per 1,5 kW	per 1,5 kW	per 1,5 kW
Total weight	580 kg	680 kg	780 kg	1180 kg	1290 kg	per 1290 kg	per 1290 kg	per 1290 kg
Boiler height B	1580 mm	2080 mm	2150 mm	2150 mm	2250 mm	2250 mm	2250 mm	2250 mm
Boiler width C	800 mm	800 mm	800 mm	930 mm	930 mm	per 930 mm	per 930 mm	per 930 mm
Boiler depth F	1380 mm	1590 mm	1590 mm	1690 mm	1690 mm	per 1690 mm	per 1690 mm	per 1690 mm
Installation height A	1250 mm	1420 mm	1620 mm	1620 mm	1620 mm	1620 mm	1620 mm	1620 mm
Installation width	690 mm	800 mm	800 mm	930 mm	930 mm	930 mm	930 mm	930 mm
Installation depth E	780 mm	800 mm	800 mm	930 mm	930 mm	930 mm	930 mm	930 mm
Exhaust stack G	850 mm	1500 mm	1500 mm	1500 mm	1500 mm	1500 mm	1500 mm	1500 mm

The supplied data applies to the use of the exhaust economiser and a feed water temperature of 95°C. \*Oil - El: Hu = 11,86kWh/kg \*\* Natural Gas: Hu = 10,35 kWh/m<sup>3</sup>

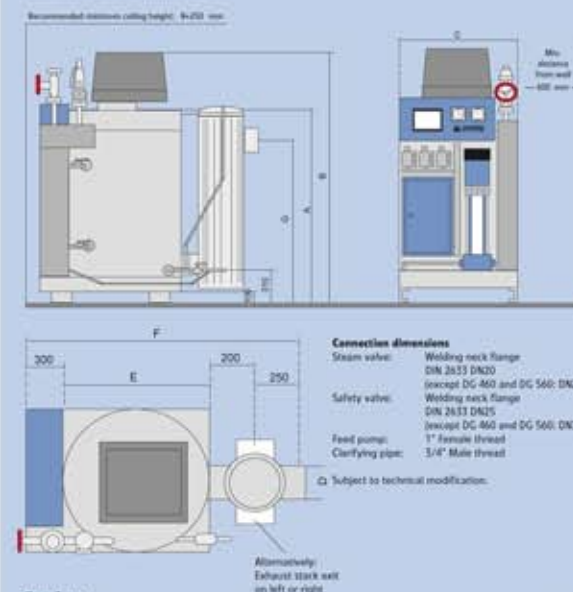


JUMAG  
Multiple steam generating unit MDA

Installation instructions  
Jumag steam generators comply with the European Pressure Device Guideline 97/23/EC.

The operation of JUMAG steam generators is permit-free and TÜV-monitor-free within Germany and also in some neighbouring countries.

The Regulation governing operational safety must be taken into account. Furnace regulations must likewise be observed and be co-ordinated with the locally responsible chimneysweep.



Dealers:

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