

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	1,120 kg/h	1,680 kg/h	2,240 kg/h
Thermal load	110 kW	175 kW	245 kW	315 kW	400 kW	800 kW	1,200 kW	1,600 kW
Thermal output	105 kW	170 kW	235 kW	300 kW	380 kW	760 kW	1,140 kW	1,520 kW
Max. operating pressure	13 barÜ	13 barÜ	13 barÜ	13 barÜ	13 barÜ	13 barÜ	13 barÜ	13 barÜ
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 ³ /h	17 m ³ /h	23.7 m ³ /h	30.5 m ³ /h	37.7 m ³ /h	75.4 m ³ /h	113.0 m ³ /h	150.7 m ³ /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	180 mm	180 mm	250 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	1,180 kg	1,290 kg	per 1,290 kg	per 1,290 kg	per 1,290 kg
Boiler height B	1,580 mm	2,080 mm	2,150 mm	2,150 mm	2,250 mm	2,250 mm	2,250 mm	2,250 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	1,380 mm	1,590 mm	1,590 mm	1,690 mm	1,690 mm	per 1,690 mm	per 1,690 mm	per 1,690 mm
Installation height A	1,250 mm	1,420 mm	1,620 mm	1,620 mm	1,620 mm	1,620 mm	1,620 mm	1,620 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	1,500 mm	1,500 mm	1,500 mm	1,500 mm	1,500 mm	1,500 mm	1,500 mm

The supplied data applies to the use of the exhaust economiser and a feed water temperature of 95° C. *Oil - El: Hu = 11.86 kWh/kg ** Natural Gas: Hu = 10.35 kW h/m³

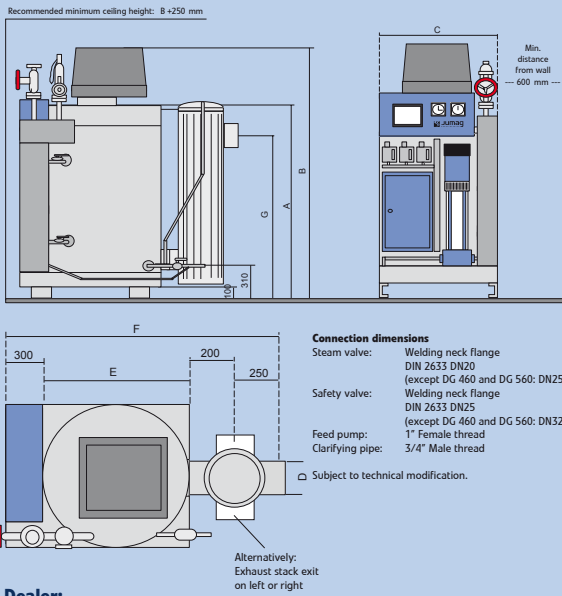


JUMAG Multiple steam generating unit MDA

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.



Dealer: