

VIADRUS

power of heating

G300

Floor standing gas / oil boiler dedicated for jet burner



VIADRUS

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G300

Fuel: natural gas, biogas, extra-light fuel oil

Power output: 103 - 310 kW

Boiler characteristic

Uniserial cast-iron boilers with an overpressure combusting chamber are designed especially for heating of middle- and large-sized buildings. They were successfully proved like reliable in service, economical and frugal to environment in combination with recommended types of burners.

Boiler advantages

- ▶ High service life and economic efficiency of the cast-iron boiler body
- ▶ Disassembled or assembled including a burner delivery
- ▶ Boiler communication with a superior control system
- ▶ Regulation elements can be designed for heating water temperature up to 115 °C (stand. 90 °C) by request
- ▶ Possibility of boiler connecting into cascade control system
- ▶ Right/left version of loading door
- ▶ Easily accessible gauge point

Basic technical parameters

Number of segments	pieces	5	6	7	8	9	10	11	12	13	14
Rated heating power output	kW	103	126	149	172	195	218	241	264	287	310
Rated heating power input	kW	113,2	138,5	163,7	189,0	214,3	239,6	264,8	290,1	315,4	340,7
Gas consumption – natural gas	m ³ / h	11,5	14,1	16,7	19,3	21,9	24,5	27,1	29,7	32,2	34,9
Gas consumption – heating oil (TOEL)	kg/h				depends on burner type						
Efficiency	%	90,5	90,5	90,5	90,5	90,5	90,5	90,5	90,5	90,5	90,5
Water space capacity	l	56,4	65,4	74,4	83,4	92,4	101,4	110,4	119,4	128,4	137,4
Min/max water working overpressure	bar				0,3 - 4,0 (6,0 by request)						
Testing water overpressure	bar	min. 8	min. 8	min. 8	min. 8	min. 8	min. 8	min. 8	min. 8	min. 8	min. 8
Chimney draught	Pa	min. 5	min. 5	min. 5	min. 5	min. 5	min. 5	min. 5	min. 5	min. 5	min. 5
Heating and return water/gas connection	-	DN80	DN80	DN80	DN80	DN80	DN80	DN80	DN80	DN80	DN80
Maximal operation heating water temperature	°C				90 (115 by request)						
Waste gases temperature	°C	185	185	185	185	185	185	185	185	185	185
Weight	kg	505	585	665	745	825	905	985	1065	1145	1225
Boiler measurements (width/height)	mm				752 x 1386						
Boiler measurements (depth)	mm	728	948	948	1168	1168	1388	1388	1608	1608	1828
Smoke pipe inside diameter	mm	225	225	225	225	225	225	225	225	225	225
Connecting measurement for burner	mm				depends on burner type						
Electric protection	IP	40	40	40	40	40	40	40	40	40	40
Noise level	dB	55-70	55-70	55-70	55-70	55-70	55-70	55-70	55-70	55-70	55-70

Your dealer:

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