

VIADRUS

Power of heating

G700

Cast-iron boiler for jet burner

VIADRUS G700 is a three-pass floor-standing boiler equipped with cast-iron boiler block and overpressure combustion chamber. It is determined for low-pressure hot-water central heating systems with forced circulation. Maximum temperature of heating water is 90°C. Boiler is ready to be equipped with some of recommended Bentone, Cuenod, Intercal or Weishaupt jet burners. Environmentally friendly operation is guaranteed while using recommended burners.

Advantages:

- long service life of cast-iron boiler block
- high burning efficiency for all fuels
- economical operation
- delivery including the burner (on demand)
- fully automatic two-stage output operation for selected burners
- operational status signalization or operational data transfer for outer loop control
- boiler control by thermal sensor or by outer loop control
- delivery of assembled or disassembled boiler according to order
- customer choice left or right opening of both closing and burner plate
- easy access of sight hole and combustion chamber overpressure measuring point (probe)
- possibility of cascade operation by outer loop control

Fuel:

- natural gas
- biogas
- heating oil

Boiler output (according to fuel and section number):

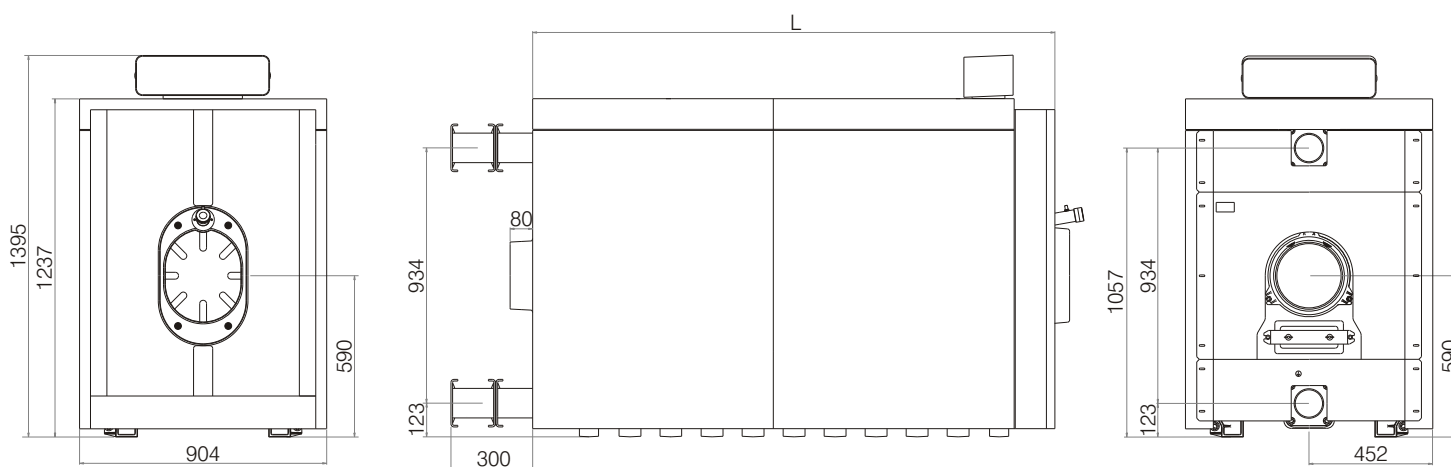
- 330~750 kW



Technical parameters

Section number	pcs	10	11	12	13	14	15
Rated heating output	kW	330	400	470	550	650	750
Rated thermal power	kW	360	438	512	591	710	820
Fuel consumption - natural gas, biogas	m ³ /hour	36,1	43,9	51,4	60,2	71,1	82,3
- oil	kg/hour	30,2	36,8	43,1	50,5	58,0	65,5
Efficiency	%	>91,5					
Flue gases maximal temperature	°C	130~190					
Combustion chamber maximum overpressure	kPa	0,09	0,14	0,22	0,32	0,50	0,62
Dimensions - width x height	mm	900 x 1400					
- depth L	mm	1780	1930	2080	2230	2380	2530
- combustion chamber depth	mm	1380	1530	1680	1830	1980	2130
Burner connection dimension	mm	according to burner					
Weight	kg	1660	1815	1970	2125	2280	2430
Chimney connection diameter	mm	250	250	250	300	300	300
Chimney draught	Pa	>20					
Heating and return water connection	mm	100					
Maximum water working overpressure	kPa	400					
Water testing overpressure	kPa	800					
Water working temperature	°C	60~90*					
Water volume	l	252	277	302	327	352	377

*) Maximal heating water temperature 115°C version is available on request.



Cast-iron boiler sections - front / central / rear



Your dealer