

VIADRUS

Power of heating

G90

Cast-iron gas boiler

G90 boiler is using environmentally friendly atmospheric burner for low-pressure natural gas. This boiler is determined for low-pressure hot-water heating systems with forced circulation. It is equipped with flue gases reverse flow safety device in basic equipment. Special gas valves with automatic self-control and leak tightness control allow boiler installation for boiler rooms of the 1st and the 2nd category. Water and gas connection is optional on the right or left side of the boiler (except the smallest 8-section size). Optional Siemens control unit sets are available to snap-in into control panel for equithermic control. Environmentally friendly operation is based on very low emissions - boiler obtained the Czech certificate „Environmentally friendly product” which is comparable with similar European ecological marks and meets requirements of the most strict European standards.

Advantages:

- long service life of cast-iron boiler block
- high efficiency up to 92%
- quiet running and low electric consumption
- left-side or right-side water and gas connection (excluding 8-section size)
- optional built-in control by Siemens
- possibility of cascade operation
- simple operation
- easy service
- environmentally friendly operation, low emissions
- reliability of control and safety components
- delivery of assembled or disassembled boiler according to order
- two-stage burner with nominal and reduced output

Fuel:

- natural gas

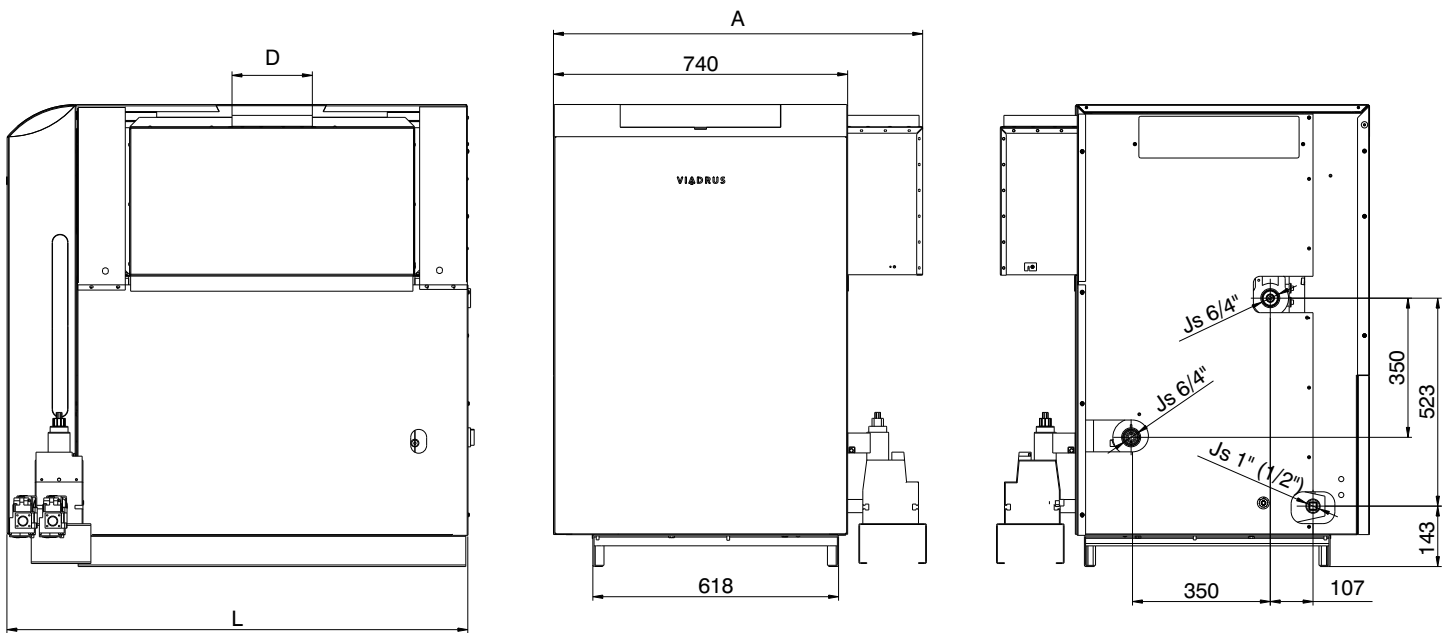
Boiler output (according to section number):

- 64~120 kW



Technical parameters

Section number	pcs	8	10	12	15
Appliance category	-			I_{2H}	
Appliance performance	-			B_{11BS}	
NO _x class	-			5	
Rated heating output (1st / 2nd stage)	kW	64 / -	56 / 80	67 / 96	84 / 120
Rated thermal power (1st / 2nd stage)	kW	71 / -	61 / 87	73 / 105	94 / 127
Fuel consumption (1st / 2nd stage)	m ³ /hour	7,16 / -	6,50 / 9,25	7,85 / 11,32	10,05 / 13,61
Efficiency	%	<91	<92	<92	<92
Flue gases maximal temperature	°C	122	129	114	118
Dimensions - width A x height	mm	880 x 1160	940 x 1160	940 x 1160	940 x 1160-
depth L	mm	995	1155	1315	1555
Weight	kg	242	339	399	489
Chimney connection diameter	mm	200	200	225	250
Chimney draught	Pa			>2,5	
Heating and return water connection	-			6/4"	
Gas connection	-	1/2"	1"	1"	1"
Water working / testing overpressure	kPa			30~400 / 800	
Recommended water working temperature	°C			<85	
Minimum water inlet temperature	°C			50	
Water volume	l	27,7	34,3	40,9	50,8
Connecting voltage	-			1 PEN ~ 50 Hz 230 V TN-S	
Maximum electric input	kW			50	
Electric protection	-			IP40	
Noise level	dB			<55 dB (A)	



Cast-iron boiler sections - left / central / right



Your dealer

This is only an illustrative and informative matter.