

GN4 N

CAST-IRON 3 PASS-FLUES BOILER, SUITABLE FOR INSTALLATION OF AN OIL OR GAS JET BURNER



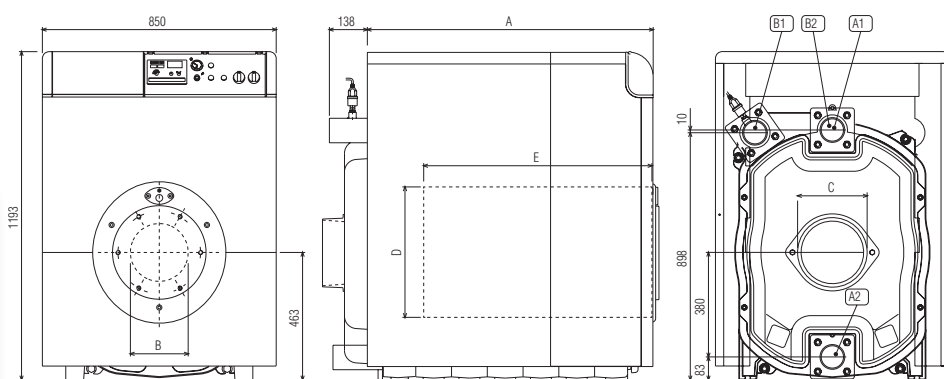
> STRENGTHS:

- High efficiency heat generator for liquid or gas fuel, **three flue passes**, cooled combustion chamber, for the production of hot water for central heating, suitable for operation either connected to a **traditional system** or connected to a **low temperature heating system**, with a minimum return temperature of 35°C
- G20 cast-iron boiler body made of sections to be assembled when installing the generator in the boiler room
- **Fitted for two-stage burners**
- Control board includes: thermometer, safety thermostat, 2 stages thermostat with presetting for indication leds, boiler switch, lodging for eventual flues thermostat and electronic controller

> KEY

- a1** Central heating flow outlet DN80 - 3"
a2 Central heating return inlet DN80 - 3"
B1 Central heating flow outlet DN80 - 3"
 (Low temperature)
B2 Central heating flow outlet DN80 - 3"
 (Low temperature)

MODEL	A mm	B ø mm	C ø mm	D ø mm	E mm
GN4 N 07	1040	210	180	500	880
GN4 N 08	1170	210	180	500	1010
GN4 N 09	1300	210	250	500	1140
GN4 N 10	1430	210	250	500	1270
GN4 N 11	1560	210	250	500	1400
GN4 N 12	1690	210	250	500	1530
GN4 N 13	1820	210	250	500	1660
GN4 N 14	1950	210	250	500	1790



SPECIFIC OPTION: 037000X0 section assembling tool for cast iron boilers



* **FOR GN4 N 07-10, IN EUROPEAN COMMUNITY CAN BE SOLD ONLY AS A REPLACEMENT OF AN IDENTICAL MODEL**

MODEL			GN 4 N 07	GN 4 N 08	GN 4 N 09	GN 4 N 10	GN 4 N 11	GN 4 N 12	GN 4 N 13	GN 4 N 14
Heat input	Max	kW	217	270	324	388	452	516	600	695
	Min	kW	128	170	192	229	266	309	352	416
Heat output	Max	kW	200	250	300	360	420	480	560	650
	Min	kW	120	150	180	215	250	290	330	390
Efficiency		Pmax %	92.2	92.9	92.6	92.8	92.9	93.0	93.3	93.5
	30%	%	95.4	96.0	96.5	97.1	97.1	97.2	97.3	97.3
Number of elements		no.	7	8	9	10	11	12	13	14
Water content		dm³	143	163	183	203	223	243	263	283
Combustion chamber	volume	dm³	161.3	185.1	208.9	232.8	256.6	280.4	304.3	328.1
Heating operating pressure	Max	bar	6	6	6	6	6	6	6	6
Pressure drop: combustion chamber hydraulic		Δp mbar	0.5	0.8	0.7	1.0	1.4	1.7	2.6	3.5
		ΔT 20°C	20	30	42	54	65	77	88	100
Boiler body weight		kg	940	1050	1170	1270	1400	1510	1630	1740
Dimensions	WxHxD	mm	850x1193x1040	850x1193x1170	850x1193x1300	850x1193x1430	850x1193x1560	850x1193x1690	850x1193x1820	850x1193x1950
CODE			019J7CWA	019J8CWA	019J9CWA	019JACWA	019JBCWA	019JCCWA	019JDCWA	019JECWA