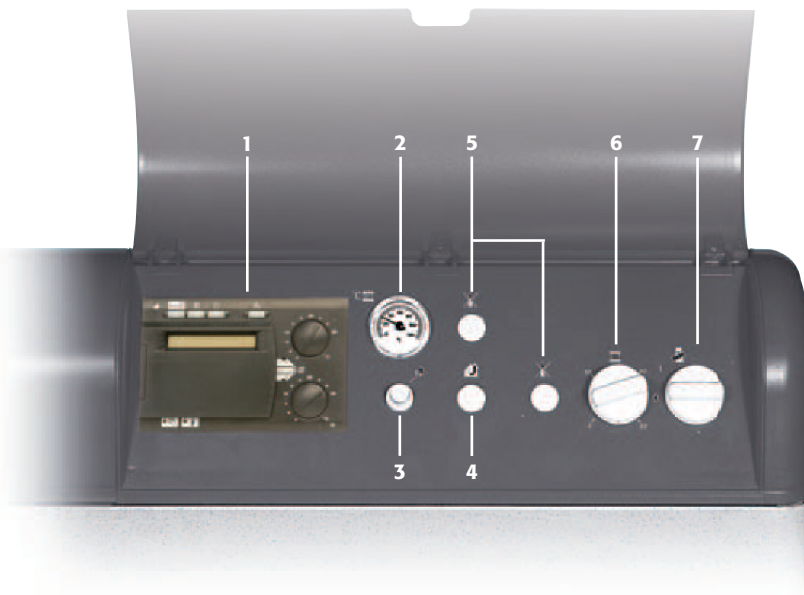


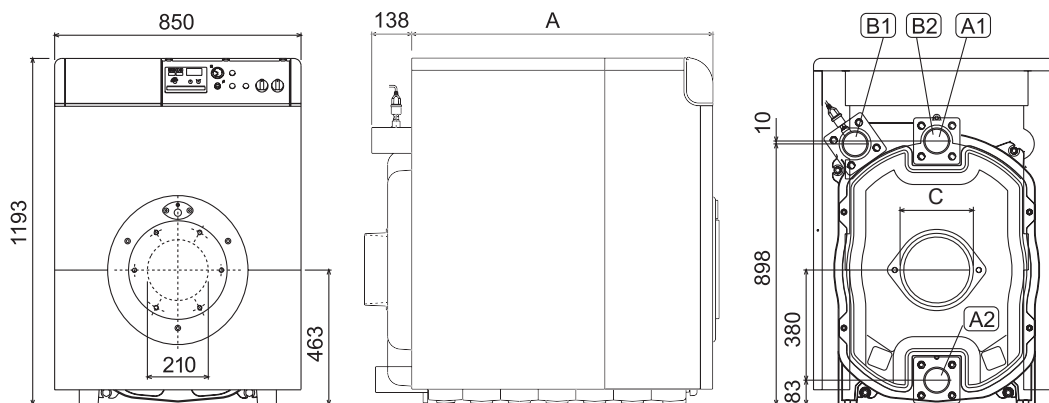
CONTROL BOARD



KEY

- 1 Seat for electronic controller (optional)
- 2 Thermometer
- 3 Safety thermostat with manual reset (max temp. 110°C)
- 4 Pre-setting for flues thermostat
- 5 Pre-setting for LED indicating first or second stage burner operation
- 6 2 stages CH temperature thermostat (max 90°C)
- 7 Boiler switch (off-on-test)

DIMENSIONS (mm)



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 return inlet DN80 - 3" (Low temperature)

GN4 N			07	08	09	10	11	12	13	14
Heat output	max	kW	200	250	300	360	420	480	560	650
	min	kW	120	150	180	215	250	290	330	390
Heat input	max	kW	217	270	324	388	452	516	600	695
	min	kW	128	160	192	229	266	309	352	416
Efficiency	Pmax	%	92,2	92,6	92,6	92,8	92,9	93,0	93,3	93,5
	30% load	%	95,4	96,0	96,5	97,1	97,1	97,2	97,3	97,3
Sections		n.	7	8	9	10	11	12	13	14
Water content		dm ³	143	163	183	203	223	243	263	283
Combustion chamber	length	mm	880	1010	1140	1270	1400	1530	1660	1790
	diameter	mm	500	500	500	500	500	500	500	500
	volume	dm ³	161,3	185,1	208,9	232,8	256,6	280,4	304,3	328,1
Operating pressure		bar	6	6	6	6	6	6	6	6
A		mm	1040	1170	1300	1430	1560	1690	1820	1950
C		Ø	180	180	250	250	250	250	250	250
Pressure drop / Combustion chamber	Δp mbar		0,5	0,8	0,7	1,0	1,4	1,7	2,6	3,5
Pressure drop / Hydraulic	Δp20°-mbar		20	30	42	54	65	77	88	100
Boiler body weight		kg	940	1050	1170	1270	1400	1510	1630	1740