

ESB SERIES

GAS OR LPG 3-PASS STEAM BOILER

OUTPUT RANGE
1000 kg/Hr to 30,000 kg/Hr
655 kW to 19,640 kW

WORKING PRESSURE
6 BARs_g - 16 BARs_g

TWIN TUBE RANGE
18,000 kg/Hr to 30,000 kg/Hr
11,784 kW to 19,640 kW



B100 bio-liquid, diesel oil, natural gas or dual-fuel firing

Low NOx from minimum rated combustion chamber load

Operating efficiency greater than 80%GCV, up to 94%GCV

Optional dry and condensing economisers



LLOYDS
CERTIFICATE

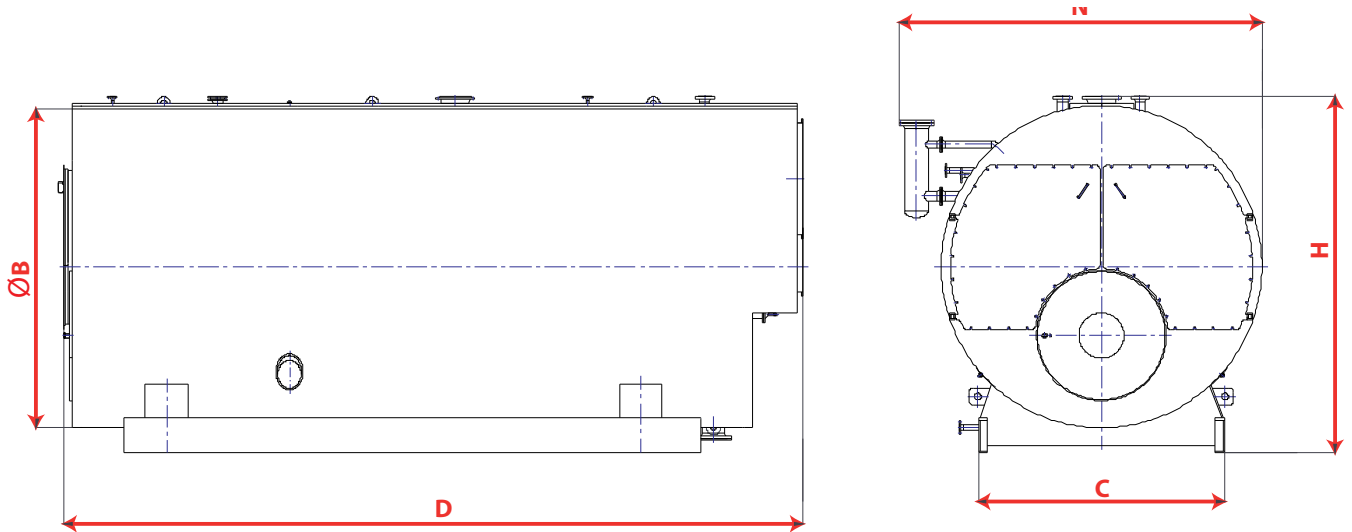


FOR TECHNICAL HELP/ADVICE Call 0161 621 5960
or email technicalsales@atlanticboilers.com

FOR FULL PRODUCT RANGE & LITERATURE
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OVERALL DIMENSIONS

SINGLE COMBUSTION TUBE - models ESB100 to ESB1000



ESB 100 - ESB 3000

Model ESB	TABLE A1	100	125	150	200	250	300	400	500	600	700	850	1000
Output	kg./Hr	1000	1250	1500	2000	2500	3000	4000	5000	6000	7000	8500	10000
	kW	655	818	982	1309	1637	1964	2619	3273	3928	4583	5565	6547
Gas Consumption	Nm ³ /h	76	96	115	153	191	229	308	382	459	535	650	765
Water content	litres	1670	2040	2520	3070	4020	4270	9410	11770	12800	14530	16630	18160
Dry weight	kgs	3400	3700	4300	5200	6000	6700	9000	10800	11800	13600	15500	18400
Flue pressure	mBAR	5.5	7.0	8.0	8.0	8.5	9.0	7.5	8.0	8.5	8.0	8.5	9.5

OVERALL DIMENSIONS

B diameter	1665	1622	1682	1820	1924	2008	2396	2590	2698	2798	2970	3040
C support width	1240	1300	1350	1500	1570	1670	2000	2000	2050	2050	2360	2400
D length	2916	3171	3526	3676	4114	4116	5097	5477	5538	5942	5946	6299
H height	1857	1917	2012	2122	2264	2370	2735	2890	3020	3120	3338	3401
N overall width	1893	2043	2103	2242	2346	2432	2742	2909	3040	3139	3407	3477
Flue outlet diameter	250	300	350	350	400	450	600	600	700	700	800	800

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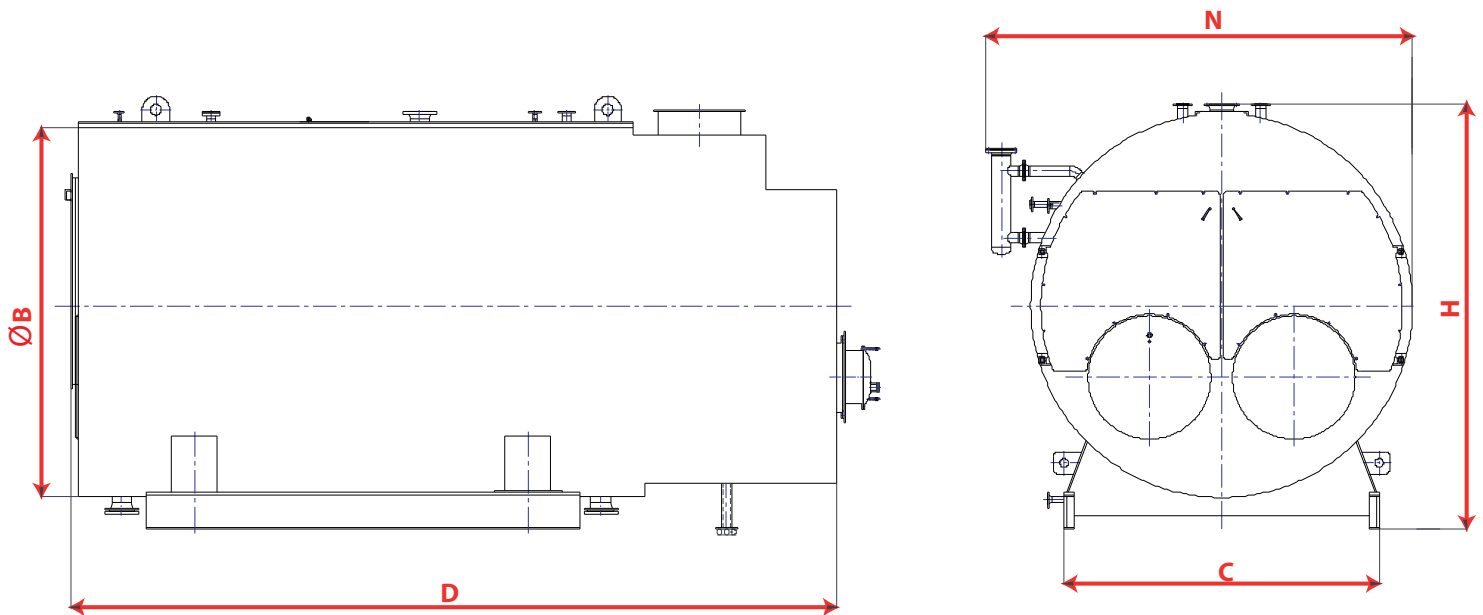
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OVERALL DIMENSIONS

SINGLE COMBUSTION TUBE - models ESB 1200 to ESB 3000

TWIN COMBUSTION TUBES - models ESB-T 1800 to ESB-T 3000



ESB-T 1800 - ESB -T 3000

Model	ESB	TABLE A2	1200	1400	1500	1600	1800	T1800	2000	T2000	2500	T2500	3000	T3000
Output	kg./Hr		12000	14000	15000	16000	18000	18000	20000	20000	25000	25000	30000	30000
	kW		7856	9165	9820	10474	11784	11784	13093	13093	16366	16366	19640	19640
Gas Consumption	Nm ³ /h		918	1071	1147	1224	1376	1376	1529	1529	1912	1912	2294	2294
Water content	litres		23860	27090	27920	29580	34320	27230	33310	32270	38770	38800	40780	46390
Dry weight	kgs		22200	25400	26800	28500	30600	31100	32500	33812	36600	38816	42700	43475
Flue pressure	mBAR		10	11	11	11	15.5	15.5	16	16	19.5	19.5	20	20

OVERALL DIMENSIONS

B diameter	3217	3117	3110	3500	3544	3970	3574	4003	3774	4227	3947	4418
C support width	2400	2700	2700	2700	2820	3158	2860	3175	2860	3175	3290	3640
D length	6949	7099	7340	7568	8180	7240	8180	7240	9068	8025	9078	8000
H height	3606	3787	3810	3870	3944	4377	3986	4425	4184	4644	4431	4900
N overall width	3684	3852	3875	3935	4033	4547	4063	4583	4210	4747	4380	4930
Flue outlet diameter	800	900	1000	1000	1100	1100	1100	1100	1200	1200	1300	1300

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