

TDS 180501

OUTPUTS
1170kW to
10,000kW

**ATLANTIC
BOILERS**
HIGH EFFICIENCY CONDENSING BOILER-PLANT

EUROMAX

OIL, BIO-DIESEL OR GAS 3 PASS HOT WATER BOILER

MAXIMUM OPERATING TEMPERATURE: 150°C
OPERATING PRESSURE RANGE: 3BARS to 16BARS

Three pass design gives
balanced heat transfer

Stable performance at
low heat loads

Boiler design aids
low pollution level

Standing losses minimised by
120mm thick glass silk insulation

Integrated injector plates for
return water circuit



**LLOYDS
CERTIFICATE**



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

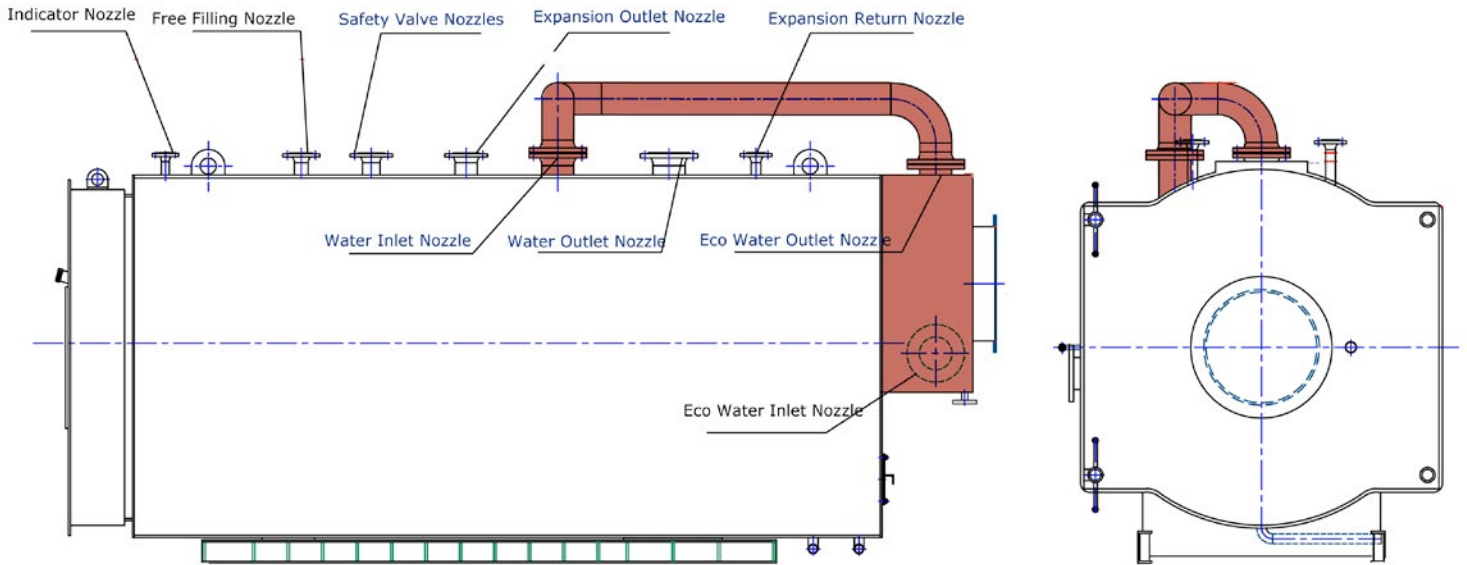
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ATLANTIC BOILERS, PO BOX 11, ASHTON UNDER LYNE, OL6 7TR T: 0161 621 5960 E: info@atlanticboilers.com www.atlanticboilers.com

EUROMAX-C

OIL, BIO-DIESEL OR GAS 3 PASS HOT WATER BOILER

WITH INBUILT CONDENSING ECONOMISER

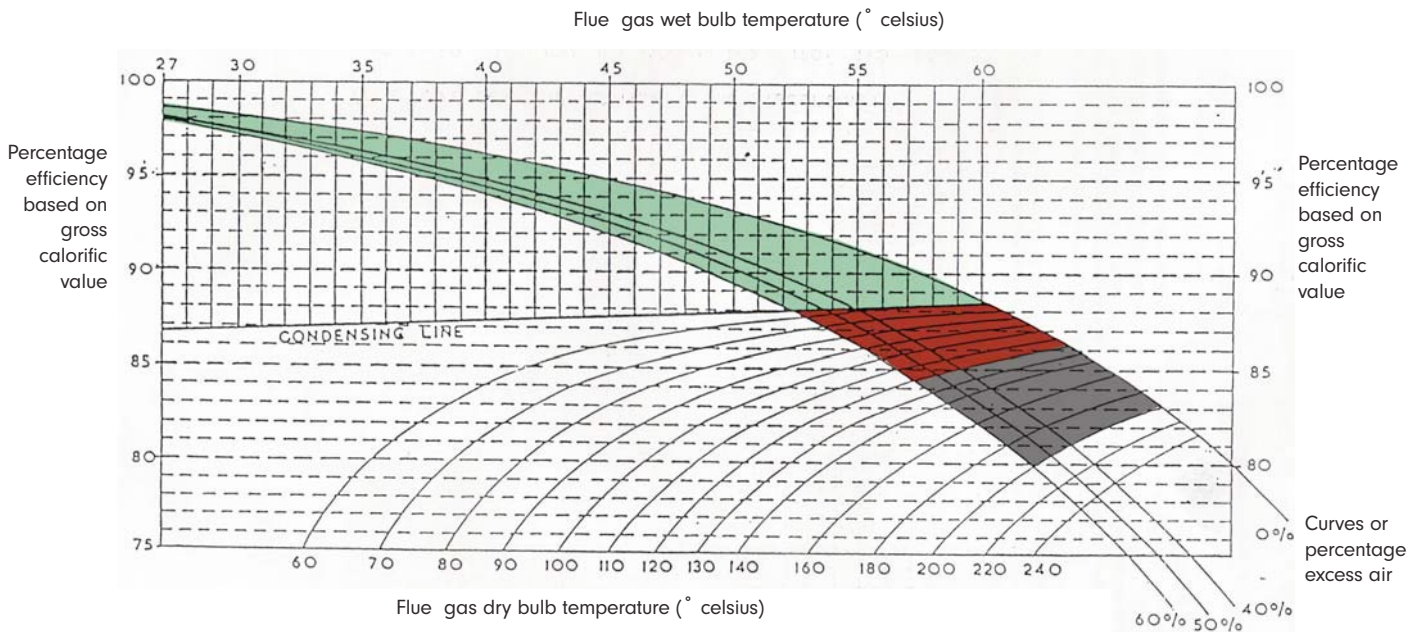


EUROMAX-C DIMENSIONS, CONNECTIONS and performance of the inbuilt condensing economisers

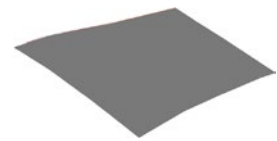
Model	EU-C1170	EU-C1455	EU-C1745	EU-C2330	EU-C2910	EU-C3500	EU-C4000	EU-C5000
OUTPUT KW	1170	1455	1745	2330	2910	3500	4000	5000
C output at 60°C return	46	59	74	105	138	175	212	289
Length mm	3675	4010	4175	4375	4650	5030	5322	5550
Width mm	1520	1520	1625	1800	1860	2000	1985	2130
Height mm	1750	1750	1845	1885	2055	2145	2210	2385
C connections DN	125	125	150	150	200	200	250	250
C water content litres	1791	2178	2270	2600	2848	3998	4663	6678
C min water flow l/sec	13.9	17.5	20.1	27.8	34.7	41.7	47.8	59.7
Total flue gas drop mBAR	6.8	7.8	8.6	10.5	11	11.2	11.2	11.5
Flue gas outlet temp for 60°C water return	76	76	76	77	78	79	78	78
Gas % GCV efficiency	87.5	87.5	87.5	87.3	87.1	87.0	87.1	87.1
Oil % GCV efficiency	87.9	87.9	87.7	87.5	87.5	87.4	87.5	87.5

EUROMAX

COMBUSTION EFFICIENCY GRAPH



The graph indicates how the efficiency of the EUROMAX boiler is raised from an effective 3-pass boiler with an efficiency range of 83 to 85% GCV.



Firstly, by introducing the EUROMAX-C inbuilt condensing economiser into an efficiency range of 86 to 88% GCV,



and secondly by adding on the EUROMAX-RT condensing economiser to give an ultimate range of 92 to 97% GCV.



All these proposals take place without major change to the constant pipework arrangements associated with 3-pass dual fuel boilers.

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