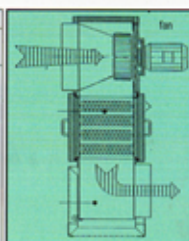
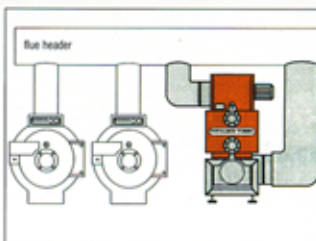


BOILER RANGE150 kW to
1430 kW**TT – TURBO TOTALECO
FAN-POWERED FLUE ADD-ON
CONDENSING ECONOMISER**

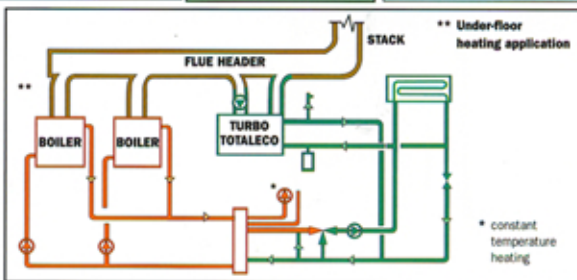
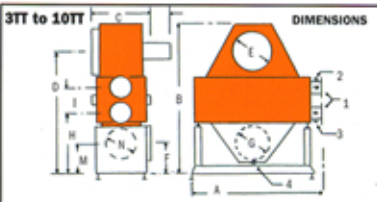
Product Data No. 8033

- Simple flue header add-on
- Efficiency raised to 97%gcv
- In-built fan assists burner
- Ideal for dual-fuel applications



PERFORMANCE	3TT	4TT	7TT	10TT
Boiler range				
Max (kW)	400	620	940	1430
Water flow (ltr/sec)	4.7	7.2	10.8	16.7
Pressure drop (kPa)	12.0	12.0	24.0	29.0
Min (kW)	150	400	620	940
Water flow (ltr/sec)	1.7	2.2	3.3	5.3
Pressure drop (kPa)	1.7	1.4	2.4	3.0
Dry weight (kgs)	290	305	375	505
Water content (ltrs)	34	40	51	86
min water pressure	1	1	1	1
standard water pressure	4	4	4	4

DIMENSIONS	3TT	4TT	7TT	10TT
A Height	1245	1540	1675	1810
B Width	1245	989	1310	1427
C Depth	538	538	538	538
D Flue Inlet	1025	1250	1355	1450
E Flue Inlet dia.	250	350	400	450
F Flue Outlet	270	300	330	350
G Flue Outlet dia.	250	300	350	400
H Water inlet	493	567	622	680
I Water outlet	224	306	306	280
M Option flue outlet	262	292	347	336
N Option flue outlet dia.	200	250	250	350
1 Water connections	65	100	100	125
2 Safety valve connection	15	15	15	15
3 Drain connection	15	15	15	15
4 PVC condensate outlet	32	32	32	32

**SPECIFICATION**

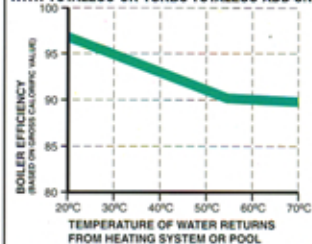
The TURBO TOTALECO heat exchanger is constructed so that all components in contact with the products of combustion or the condensate are manufactured from the austenitic stainless steel AFNOR Z2 CND 17-12 (AISI 316L) using chromium, nickel and molybdenum. The products of combustion are initially drawn into a steel chamber enclosing an austenitic stainless steel (AISI 316L) impeller of a centrifugal fan. The chamber is clad in thermal insulation and sound-proofing. The fan is direct-driven by a 3-phase motor mounted external to the chamber. The products of combustion then pass through a battery of perfectly smooth austenitic stainless steel (AISI 316L) tubes with a consequent lowering in temperature and the production of condensate. The battery is manufactured for a working pressure of 4BARS or 6BARS with a test pressure of 6BARS or 9BARS. The pipework connections are flanged, and fitted with safety valve and drain connections.

The outlet chamber is entirely constructed of austenitic stainless steel (AISI 316L) and is fitted with a condensate drain for PVC connection.

The TURBO TOTALECO is enclosed in a reinforced sheet steel casing having two preparation treatments before being enamel painted and oven baked to 200degC to produce a guaranteed high quality finish. Insulation is provided overall by a 40mm thick glass silk blanket.

The condensing heat exchanger can be provided with a separately mounted starter control box and a water flow switch.

The control box incorporates connections for a three phase supply, the centrifugal fan motor, the water flow switch, boiler/burner operation contacts and fan motor lock out.

IMPROVED BOILER EFFICIENCY WITH TOTALECO OR TURBO-TOTALECO ADD-ON**FOR
FREE
ADVICE**

CALL: 0161 344 5664

Or: 0171 237 4912

Or Fax: 0161 339 8136

Box 11, Ashton Under Lyne, OL6 7TR.

**2000
ATLANTIC**