

Certificate

Certificate No: 51680/1

Issue No: 1

Date of issue: 6 April 2009

EC type examination certificate for product tested against
The Boiler (Efficiency) Regulations 1993
under EC Directive 92/42/EEC for hot water boilers

This is to certify that

BSRIA Limited

(Notified Body Identification Number 0480)

have type-tested the product described below to the requirements contained in Schedule 2 and Schedule 7 of the Boiler (Efficiency) Regulations 1993 for a standard gas boiler and have satisfied themselves that the product meets the relevant provisions of the regulations.

Manufacturer	Hounsfield Boilers Limited Willow Green Farm House Creting St Peter Stowmarket Ipswich IP6 8QR
Product (models included)	27kW Standard condensing boiler
Date of test	26 March 2009
Expiry date	6 April 2012
Test engineer	M Lightfoot
Quality approved	ANDREW FREETH Test and Microclimate

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Test results

Rated outputs	27 kW (92,124 Btu/h)
Declared CO ₂ setting	12.0%
Net efficiency at rated output (FL)	96.1%
Mean FL water temperature	70.3°C
Net efficiency at 30% part-load (PL)	102.2%
Mean PL water temperature	40.3°C
Measured output	27.4 kW
Measured CO ₂	12.2%
Measured NO _x	62.2 ppm (154 mg/kWh)
Measured CO	68.9 ppm (93 mg/kWh)
Test report reference number	51680/1
Test standard	BS EN 304:2000
Test fuel	Class C2 Kerosene (BS2869:1998)

Test model	27 kW condensing floor standing boiler	
Burner	Model EOGB X400	
Combustion head	PL-7-16-8-80	
Control box	DKO 970 (TF 830.3)	
Fan motor	AEG 90W	
Fuel pump	Danfoss BFP11 L3	
Burner nozzle	0.75 x 50°EH	
Control thermostats	Cothemr GTL HO147	
Limit thermostats	Cothemr GTL HR316	
Instructions	User handbook and Servicing log (Ref LI0002 Issue 1)	
Other drawings	Heat exchanger inner assembly: Condenser assembly: Exchanger baffles: Baffle spacer: Top baffle:	Drawing HE20007 25-03-09 Drawing CN20000 25-03-09 Drawings HE20011 & HE20011A Drawing CN20018 25-03-09 Drawing CN20019 25-03-09

Note: Any modifications made to the above boiler specifications may invalidate this certificate