[redacted]

**From:** Alan J Smith [redacted]
**Sent:** 07 February 2014 15:03
**To:** Simon Davis
**Subject:** FW: Documents for Biomass planning

Hi Simon.

Documents as required regarding boiler output and pellet quality have been attached.

ETA PE- K is listed at top of page 26 on the uksi attachment for smoke exemption.

The supplier doesn't currently have a certificate regarding noise levels but these are the official figures given respectively.

Noise levels are as follows:

Actual operating levels of the boiler unit are: airborne noise level 40dBA - 50dBA with peaks of 75dBA. (initial ignition, pellet transfer, auto heat exchanger cleaning).

Note: The boiler supplier has stated actual operating noise levels of the wood boilers are similar to gas boilers. They are housed in a container unit with 50mm Rockwool insulation and timber cladding.



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If further clarification or data is required please do not hesitate to get in touch

Kind regards

Alan Smith

**Alan J Smith** Bsc (Hons) ACIAT
**Architectural Technologist**
[redacted]

CONSTRUCTIVE
RENEWABLES LTD

---

**From:** Gavin Moore [redacted]
**Sent:** 07 February 2014 12:07
[redacted]
**Subject:** Documents for Bognor Regis planning

Alan,

As discussed.

ETA PE- K is listed at top of page 26 on the uksi attachment for smoke exemption.

Flue output, emissions etc are on the ETA document.

Pellet quality attachment is the specifics of EN Plus pellets (highest accreditation) that would be supplied by Forever Fuels.

I believe you have the noise production data from the Durker Rood's approved application?

Thanks

Gavin



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# Quality

Forever Fuels

Forever Fuels provides a full ENplus-A1 service. ENplus is the European accreditation scheme for wood pellets. A1 is the highest quality available.

ENplus sets out the measures that producers and suppliers should take to ensure the pellets reach you in the best condition. Accredited organisations are subject to random inspections, and enforcement if they fail to meet the requirements.

Some ENplus-accredited suppliers have sought exemption from some of the key requirements, for example Legal-for-Trade weigh-loaders and dust-extraction systems. Forever Fuels' network of depots and tankers is fully-equipped to meet all the ENplus requirements, and more.

## Purchasing

Forever Fuels looks to source pellets from:

- Producers of ENplus-A1 quality pellets
- FSC-certified (or equivalent) virgin fibre

## Storage

Forever Fuels' storage depots are designed and regularly-inspected to prevent:

- Contact with moisture (e.g. condensation)
- Contamination with foreign bodies
- Mixing of different-quality pellets

## Loading

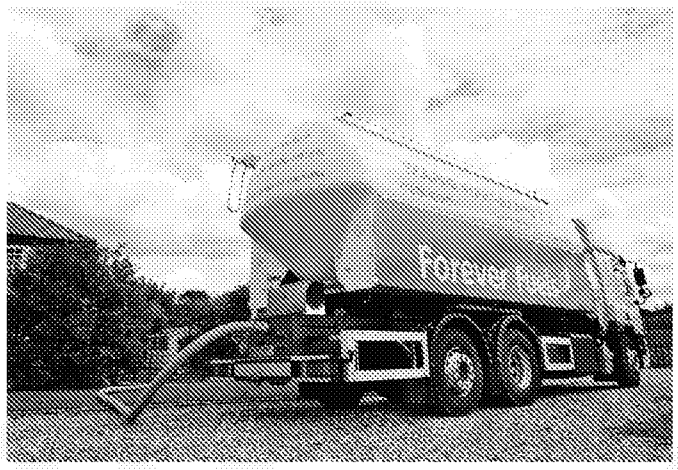
To ensure that the pellets loaded for final delivery contain less than 1% fines, Forever Fuels' loading systems are equipped with:

- Screen
- Dust extraction unit

## Vehicles

Each pressurised tanker is equipped with:

- Gauged weigh-loader accurate to 20kg (certified Legal for Trade under NAWI regulations)
- Low-abrasion feeding system
- Dust extraction unit
- Earthing cable
- Fully-trained delivery driver



## Customer support

Each site is unique, with different boilers, stores, driveways, and locations of inlet/outlet flanges. Forever Fuels' drivers record information for each customer's set-up to ensure every delivery runs as smoothly as possible. If any problems are encountered, our support team ensure that the issues are rectified before another delivery is made.

## Quality control

Forever Fuels regularly inspects, samples and analyses its pellets to verify conformity with the A1 specification in the ENplus accreditation scheme and the European standard (EN 14961-2).



Registered Address: 7 Summerleaze Road, Maidenhead, Berkshire, SL6 8SP
Registered in England No: 06239423

# Specification

Forever Fuels

The table below sets out Forever Fuels' specification, and shows how it meets the A1 specification for ENplus and EN 14961-2, and exceeds the superseded DIN+ (German) and ÖNORM (Austrian) standards.

| Parameter | Forever Fuels Specification | Standards | | | Unit[1] |
|---|---|---|---|---|---|
| | | ENplus-A1 & EN 14961-2 A1 | ÖNORM M1735 | DIN+ (DIN 51731) | |
| Moisture (M) | ≤10.0 | ≤10.0 | ≤12.0 | ≤12.0 | w-% |
| Ash, 550°C (A) | ≤0.7 | ≤0.7 | | | w-% |
| Ash, 815°C | ≤0.5 | | ≤0.5 | ≤0.5 | w-% |
| Durability (DU) | ≥97.5 | ≥97.5 | | ≥97.7 | w-% |
| Fines (F) | ≤1.0 | ≤1.0 | ≤1.0 | ≤1.0 | w-% |
| Additives | ≤2.0 | ≤2.0 | ≤2.0 | ≤2.0 | w-% |
| Net calorific value (Q) | ≥5.0 | 4.6-5.3 | ≥5.0 | ≥5.0 | kWh/kg |
| Net calorific value (Q) | ≥18.0 | 16.5-19 | ≥18.0 | ≥18.0 | MJ/kg |
| Bulk density (BD) | ≥600 | ≥600 | | | $kg/m^3$ |
| Nitrogen (N) | ≤0.3 | ≤0.3 | ≤0.3 | ≤0.3 | w-% |
| Sulphur (S) | ≤0.03 | ≤0.03 | ≤0.04 | ≤0.04 | w-% |
| Chlorine (Cl) | ≤0.02 | ≤0.02 | ≤0.02 | ≤0.02 | w-% |
| Arsenic (As) | ≤0.8 | ≤1.0 | | ≤0.8 | mg/kg |
| Cadmium (Cd) | ≤0.5 | ≤0.5 | | ≤0.5 | mg/kg |
| Chromium (Cr) | ≤8.0 | ≤10.0 | | ≤8.0 | mg/kg |
| Copper (Cu) | ≤5.0 | ≤10.0 | | ≤5.0 | mg/kg |
| Lead (Pb) | ≤10.0 | ≤10.0 | | ≤10.0 | mg/kg |
| Mercury (Hg) | ≤0.05 | ≤0.1 | | ≤0.05 | mg/kg |
| Nickel (Ni) | ≤10.0 | ≤10.0 | | | mg/kg |
| Zinc (Zn) | ≤100 | ≤100 | | ≤100 | mg/kg |
| Ash melting behaviour, deformation temp. (DT) | ≥1200 | ENplus: ≥1200<br>14961: to be stated | | | °C |
| Origin and Source | 1.1.3 Stemwood<br>1.2.1 Chemically-untreated wood residues | | | | |

[1] w-% = per cent by weight. Moisture, mechanical durability, fines and net calorific value (for EN 14961-2) are on an as-received, wet basis. Other components are on a dry basis. Length: ≤40mm (<1% 40-45mm). Fines size: <3.15mm. Other details available on request.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Registered in England No: 06239423

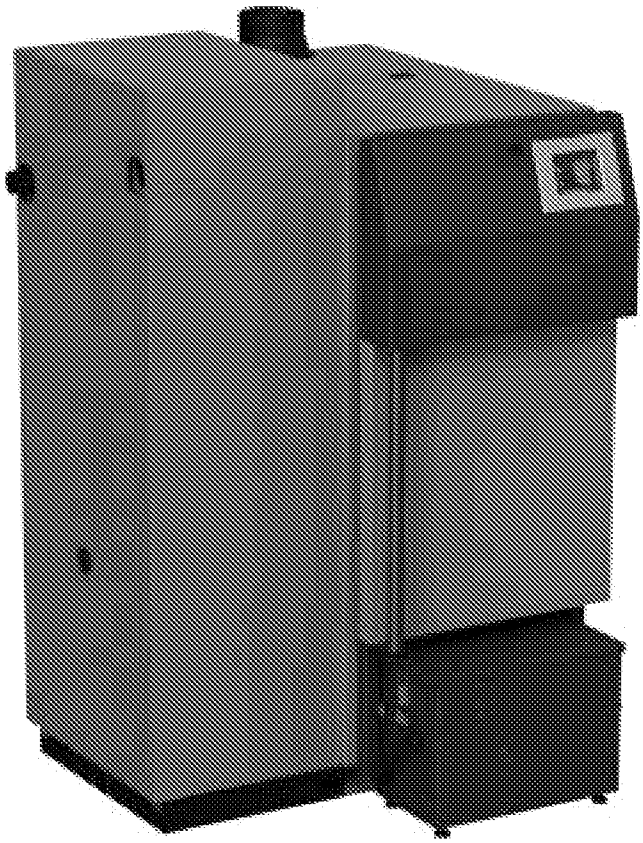
FRANCISCO JOSEPHINUM WIESELBURG

BIOMASS I LOGISTICS I TECHNOLOGY

TEST REPORT

BLT reference number: 079/10
(replaces BLT reference number: 097/06)

BLT approval number: 043/10
(replaces BLT approval number: 055/06)



# Pellets heating boiler
# ETA PE-K 90

Test fuel: Wood pellets

**Applicant and manufacturer:**
ETA Heiztechnik GmbH
Gewerbepark 1
AT 4716 Hofkirchen

AT 3250 Wieselburg, Rottenhauser Straße 1
Tel.: +43 7416 52175 – 0, Fax: +43 7416 52175 – 45
bit@josephinum.at, http://bit.josephinum.at

Identifikations-
nummer: 112

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The BLT Wieselburg is an accredited burner test centre issued with identification number 112 according accreditation law BGBl. No. 468/1992. The quality management system complies with the requirements defined in ÖVE/ÖNORM EN ISOIEC 17 025.


FRANCISCO JOSEPHINUM WIESELBURG

BLT - BIOMASS I LOGISTICS I TECHNOLOGY

Rottenhauser Straße 1
AT 3250 Wieselburg
Austria / Österreich

Tel.: +43-7416-52175-0
Fax: +43-7416-52175-45
E-Mail: blt@josephinum.at
Internet: http://blt.josephinum.at


**The test results detailed in this test report exclusively refer to the test piece specified in the chapter „Boiler plate information“.**
**The test report must be – apart from exceptional cases confirmed in writing - published only literally and unabridged.**

**Authorized translation**
**In the event of doubt the German original shall prevail.**

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## APPLIED STANDARDS

| | | |
|---|---|---|
| [1] | ÖNORM EN 303-5:1999 | Heating boilers for solid fuels, hand and automatically stoked, nominal heat output of up to 300 kW |
| [2] | ÖNORM EN 304:2005 | Heating boilers. Test code for heating boilers for atomising oil burners |
| [3] | ÖNORM EN 267:1999 | Forced draught oil burners – definitions, requirements, testing, marking |
| [4] | ÖNORM M 7135:2000 | Compressed wood and compressed bark in natural state – Pellets and briquettes – Requirements and test specifications |
| [5] | DIN 4702-1:1990 | Central heating boilers – Terms, requirements, testing, marking |
| [6] | DIN 4702-2:1990 | Central heating boilers – Test code |
| [7] | ÖNORM M 5861-1:1993 | Manual determination of dust concentrations in drifty gases – Gravimetric method – General requirements |
| [8] | ÖNORM M 5861-2:1994 | Manual determination of dust concentrations in drifty gases – Gravimetric method – Special measuring requirements |

## BASICALLY APPLIED STANDARDS

| | | |
|---|---|---|
| [1] | ÖNORM EN 13284-1:2002 | Stationary source emissions – Determination of low range mass concentration of dust – Part 1: Manual gravimetric method |
| [2] | VDI 2066-1:2006 | Measuring of particles, determination of dust in drifty gases, gravimetric method of dust loading |

# 1 DESCRIPTION

## 1.1 General

The tested pellets heating boiler ETA PE-K 90 manufactured by ETA Heiztechnik GmbH with a nominal heat output of 95,0 kW comprises a pellet hopper including a feed unit and a pneumatic suction system, the fire-bricked combustion chamber with tilting grate and the vertically arranged 3-pipe heat exchanger. The burner is equipped with an electric ignition fan, an automatic cleaning system for the heat exchanger, a speed-controlled draught fan, a Lambda sensor and a microprocessor control system with associated switches and sensors. The combustion chamber and the heat exchanger are thermally insulated from the outside.

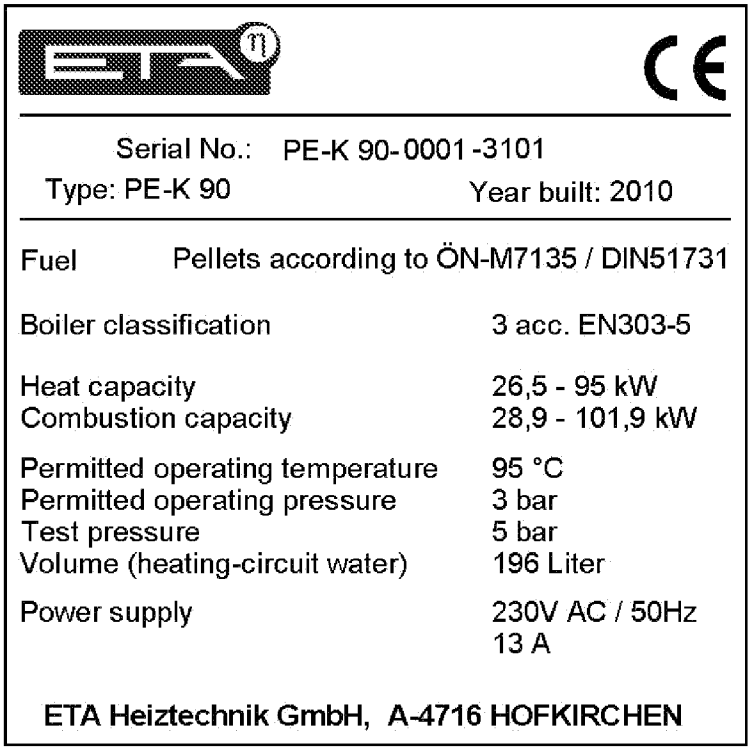
A specially manufactured storage container was used to perform the tests. From there the pellet hopper, situated on the side of the boiler, is loaded by the pneumatic suction system. The fuel is taken off from the bottom side of the pellet hopper by a metering screw and is then transported by a rotary gate valve into a stoker screw and from there to the tilting grate in the combustion chamber. In case of a cold starting the pellets are automatically ignited by a hot air blower. For starting the ignition the flue gas temperature and the oxygen content of the flue gas are defined. The fuel level is monitored by a mechanic level monitor in the combustion chamber.

The required low pressure for transporting the gas through the combustion chamber and the heat exchanger is produced by a radial fan situated at the end of the heat exchanger. The required combustion air is partly led as primary air flow below the fire bed and as secondary air flow above the fire bed to the combustion gases. The fuel gases flow from the combustion chamber upwards to the upper flame room (1. draft), thereon through the water-cooled second draft downwards into the settling tank and finally through the pipe heat exchanger (3. draft) with included automatic cleaning turbulators into the upper flue gas collecting tank and from there through the flue gas draught fan into the flue outlet. Just before the flue outlet a part of the flue gas is diverted and piped forwards and mixed with the primary air (flue gas recirculation). The quantity of the combustion air is regulated by two regulating flaps and the driving speed of the flue gas fan. In case of standby mode or shutdown the air valves are closed to prevent cooling by a draft through the chimney.

Depending on the used fuel quantity the grate is burned out and the fuel gas fan stops. The ash is tipped from the tilting grate onto an ash screw situated below which is then transporting the ash forwards to the big chamber of the ash container. The ash collected in this box is removed by the second ash screw and its stirring device into the small chamber of the ash container. The two boxes of the ash container are separated by a gas tight barrier. The cleaning turbulators are actuated by a spring motor and are also cleaning the pipe heat exchanger; the ash falls into the subjacent settling tank.

All the necessary measuring, controlling and regulating functions are operated by the microprocessor system of the heating. The heat flow is regulated as required by the boiler- and flue gas temperature as well as the residual oxygen content in the flue gas. Therefore the fuel quantity, the speed control of the draught fan as well as the primary air- and secondary air valves are used for corrective actions.

## 1.2 Boiler plate information



Serial No.: PE-K 90-0001-3101
Type: PE-K 90 Year built: 2010

| | |
|---|---|
| Fuel | Pellets according to ÖN-M7135 / DIN51731 |
| Boiler classification | 3 acc. EN303-5 |
| Heat capacity | 26,5 - 95 kW |
| Combustion capacity | 28,9 - 101,9 kW |
| Permitted operating temperature | 95 °C |
| Permitted operating pressure | 3 bar |
| Test pressure | 5 bar |
| Volume (heating-circuit water) | 196 Liter |
| Power supply | 230V AC / 50Hz<br>13 A |

ETA Heiztechnik GmbH, A-4716 HOFKIRCHEN



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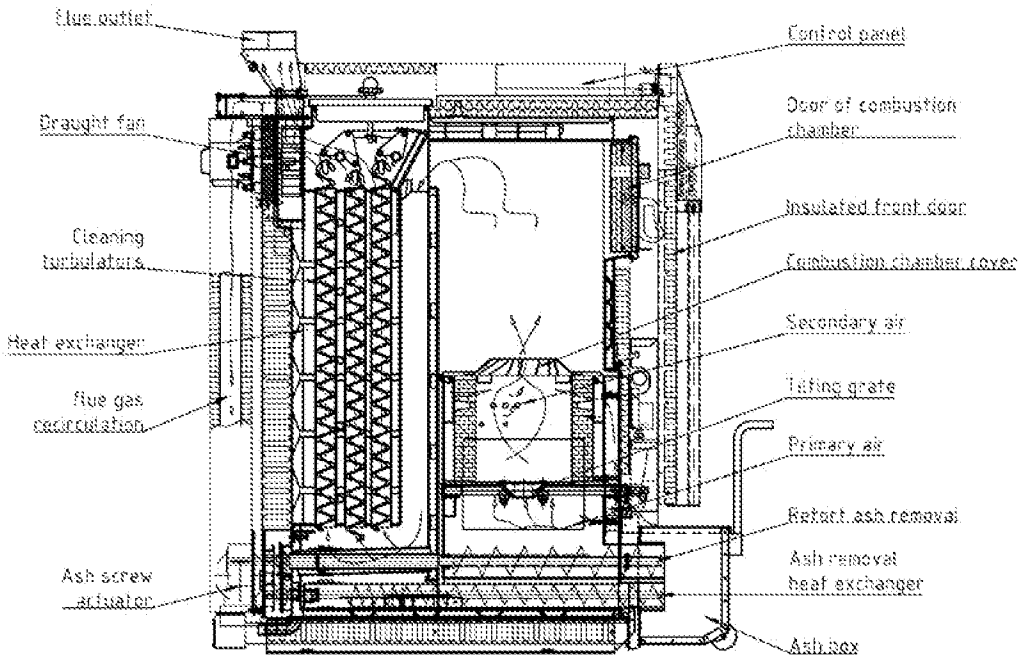
## 1.3 Diagram of the boiler




## 1.4 Technical data

| Overall dimensions of boiler | Value | Unit |
|---|---|---|
| Overall width incl. intermediate container | 1202 | mm |
| Overall depth incl. ash box | 1495 | mm |
| Overall height incl. flue gas pipe connection | 1755 | mm |
| Diameter of flue gas pipe | 150 | mm |
| Height to centre of flue gas pipe | 1755 | mm |
| Flow-/return connection | 6/4 | " |
| Water capacity (measured) | 182 | l |
| Emptying outlet | ¾ | " |
| Thickness of sheets exposed to fire | 5 | mm |
| Thermal insulation | 30 – 100 | mm |
| Total weight incl. stoker unit | 967 | kg |

Source: Measurements by BLT Wieselburg



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# 2 TEST AND RESULTS

Measurements were taken to determine the heat output, boiler efficiency (direct method), flue gas composition, flue gas temperature in the measuring section, feed pressure (draught), emission characteristics and the electrical power consumption. The surface temperatures were measured at nominal heat output and at stationary operation; this allowed the surface losses to be estimated.

The measurement equipment and the measurement methods correspond to ÖNORM EN 303-5:1999, ÖNORM EN 304:2005 and EN 267:1999. The measurement accuracy and the measurement uncertainty are stated in the procedures for verification in the quality management manual issued by the Federal Institute of Agricultural Engineering (Bundesanstalt für Landtechnik).

## 2.1 Test setup – measurement methods

**BOILER TEST RIG WITH HEAT EXCHANGER:** Heat output measurement by directly measuring the amount of water circulated through the heating circuit and its temperature increase (DIN 4702-2:1990).

**FLUE GAS EXTRACTION** through a vertical measuring section, generating the feed pressure using a prefabricated flue pipe, diameter 200 mm, height above ground level 9 m, feed pressure limited by draught restriction flap.

**HEAT OUTPUT MEASUREMENT:** Determining the mass flow using the Coriolis mass flow meter PROMASS 83 F from Endress & Hauser, as well as the water temperatures at the boiler flow/return using a Pt 100 resistance thermometer, 1/3 DIN, calibrated as a pair.

**FLUE GAS TEMPERATURE** in the measuring section using a measurement system with 5 Pt 100 resistance thermometers.

**FEED PRESSURE** with a differential pressure transducer (Delta-P P92K), measurement range 0-100 Pa.

**WATER-SIDE RESISTANCE:** Differential pressure transducer with ceramic measuring membranes DELTABARS PMD 70 from Endress & Hauser.

**CARBON DIOXIDE AND CARBON MONOXIDE CONTENT:** Non-dispersive infrared gas analyser NGA 2000 from Emerson; carbon dioxide: lowest measurement range 0 - 5 %, highest measurement range 0 - 20 %; carbon monoxide: CO Low - lowest measurement range 0 - 50 ppm, highest measurement range 0 - 2500 ppm; CO High – lowest measurement range 0 - 1,0 %, highest measurement range 0 - 10 %; measured in dry flue gas.

**DUST CONTENT:** Measuring device for gravimetric determination of total dust by company Paul Gothe GmbH with a nominal suction quantity of 6 $m^3$/ h, dust separation on stuffed quartz wool filter; filter is located directly after sampling probe and elbow, determination of partial flow volume by dry gas meter and upstream drying tower. The sampling point for determination of dust content is arranged directly after the measuring section.

**CONTENT OF ORGANIC GASEOUS SUBSTANCES:** Flame ionisation detector Thermo-FID “ES”; samples taken via heated filter and heated pipe (thermostatically controlled to 180 °C); measured in damp flue gas.

**NITROGEN MONOXIDE CONTENT:** Gas analyser from ECO Physics Type CLD 700 El-ht; chemiluminescent measurement principle; samples taken via heated filter and heated pipe; gas cooler; measured in dry flue gas.



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**ELECTRICAL POWER CONSUMPTION:** Modular energy meter ULYS ETD from ENERDIS, threephase 100-400 with a measurement accuracy for active energy corresponding to IEC 61036/EN61036 C1.1. Maximum resolution of the pulse output: 0,1 Wh.

Power Analyzer Norma 4000 with 3 Power Phase PP40 with following specifications: 8 measurement ranges for voltage (0,3 / 1 / 3 / 10 / 100 / 300 / 1000 V), 6 measurement ranges for current (30 – 100 mA – 0,3 – 1 – 3 – 10 A). The measurement accuracy of +/- 0,1 % of measured value and 0,1% of measuring range, Sample Rate 341 kHz, bandwidth for voltage 3 MHz.

**DATA LOGGING** using TopMessage data logging system from Delphin Technologie AG, sampling interval 1 second, average value determined from 10 measurements, average data stored to media.

## 2.2 Performance of heating tests

**HEAT OUTPUT:** The measurements were carried out in accordance with ÖNORM EN 303-5:1999 at nominal and minimum heat output ($\leq$ 30 % of the nominal heat output) respectively. The nominal heat output measurements were performed after the burner had been in operation for at least 3 hours in the nominal heat output range. The measurements themselves were taken over a test period of at least 6 hours. The efficiency was calculated by taking into account the heat stored in the boiler water.

**EMISSIONS:** Carbon dioxide, carbon monoxide, organic carbon and nitrogen oxide values were averaged over the whole test duration. For determining the dust content the extraction time per filter was limited to 60 minutes. The dust content was determined by 4 hourly averages, evenly distributed over the test duration. Calibration gases were used to check the gas analysers before and after every test period.

**SETTINGS:** The declared measurements relate to reproducible tests using optimised settings. The settings were made during preliminary tests based on recommendations of the manufacturer. It was aspired to maximise the carbon dioxide content whilst at the same time minimising the carbon monoxide content.

**FUEL:** The measurements were performed with wood pellets according to ÖNORM M 7135:2000 with a diameter of 6 mm and a water content of 6,5 %. The water content, the ash content and the calorific value were determined; the average values of the chemical data relating to the water- and ash-free substance were taken from the analysis certificate Nr.: 0510/0371.

**FUNCTION CHECK** of the temperature controller, safety temperature limiter and monitor and the installation to extract excessive heat at the boiler. The measurements were performed as specified in 5.13 and 5.14 of ÖNORM EN 303-5:1999.

## 2.3 Interpretation of emission measurements

The emission measurements were analysed by calculating the complete flue gas analysis using the carbon monoxide and carbon dioxide content averaged over the measurement period together with the fuel composition data. The speed of the flue gas at the measuring point was calculated from the flue gas volume taking into account the pressure and temperature.

The content of organic gaseous substances was measured in damp flue gas; the emissions were then converted for dry flue gas conditions and declared as organic carbon. The content of nitrogen oxides was measured in dry flue gas and declared as $NO_2$.

## 2.4 Investigatory heating tests at nominal heat output with pellets

| | |
|---|---|
| Number of test | HKA_1800 |
| Name of boiler | Pellets heating boiler ETA PE-K 90 |
| Nominal heat output (kW) | 95,0 |

| | | Minimum value | Average value | Maximum value |
|---|---|---|---|---|
| **Test conditions** | | | | |
| Start of test | | | 15.06.2010 08:31 | |
| End of test | | | 15.06.2010 14:35 | |
| Test duration | [hh:mm] | | 6:04 | |
| Ambient temperature | °C | 24,7 | 26,7 | 27,7 |
| Outside temperature | °C | 19,2 | 21,9 | 24,5 |
| Air pressure | mbar | | 987 | |
| **Test fuel, heat input** | | | | |
| Test fuel | Wood pellets 10_0184 | | | |
| Water content | kg/kg | | 0,065 | |
| Ash content | kg/kg | | 0,002 | |
| Carbon content | kg/kg | | 0,460 | |
| Hydrogen content | kg/kg | | 0,060 | |
| Oxygen content | kg/kg | | 0,412 | |
| Calorific value of anhydrous and ash-free substance | MJ/kg | | 19,1 | |
| Calorific value of test fuel | MJ/kg | | 17,6 | |
| Applied fuel quantity | kg | | 121,6 | |
| Hourly fuel quantity | kg/h | | 20,0 | |
| Fuel heat input | kW | | 97,9 | |
| **Heat output, efficiency** | | | | |
| Water circulation | kg/h | 3824,7 | 3856,7 | 3894,9 |
| Flow temperature | °C | 54,5 | 54,7 | 55,0 |
| Return temperature | °C | 74,0 | 74,9 | 76,2 |
| Temperature difference | K | 19,4 | 20,2 | 21,5 |
| Heat output | kW | | 91,0 | |
| Utilisation | % | | 95,8 | |
| Boiler efficiency | % | | 93,0 | |
| **Measured values flue gas measuring section** | | | | |
| Flue gas temperature | °C | 131,8 | 133,3 | 135,7 |
| Manometric pressure | Pa | 6,7 | 10,4 | 24,2 |
| Carbon dioxide | % | 10,7 | 15,0 | 16,6 |
| Carbon monoxide | ppm | 5,0 | 6,4 | 8,3 |
| Organic gaseous substances | ppm | 0,1 | 0,1 | 58,2 |
| Nitrogen monoxide | ppm | 67,3 | 96,3 | 106,5 |



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**Emission measurements**

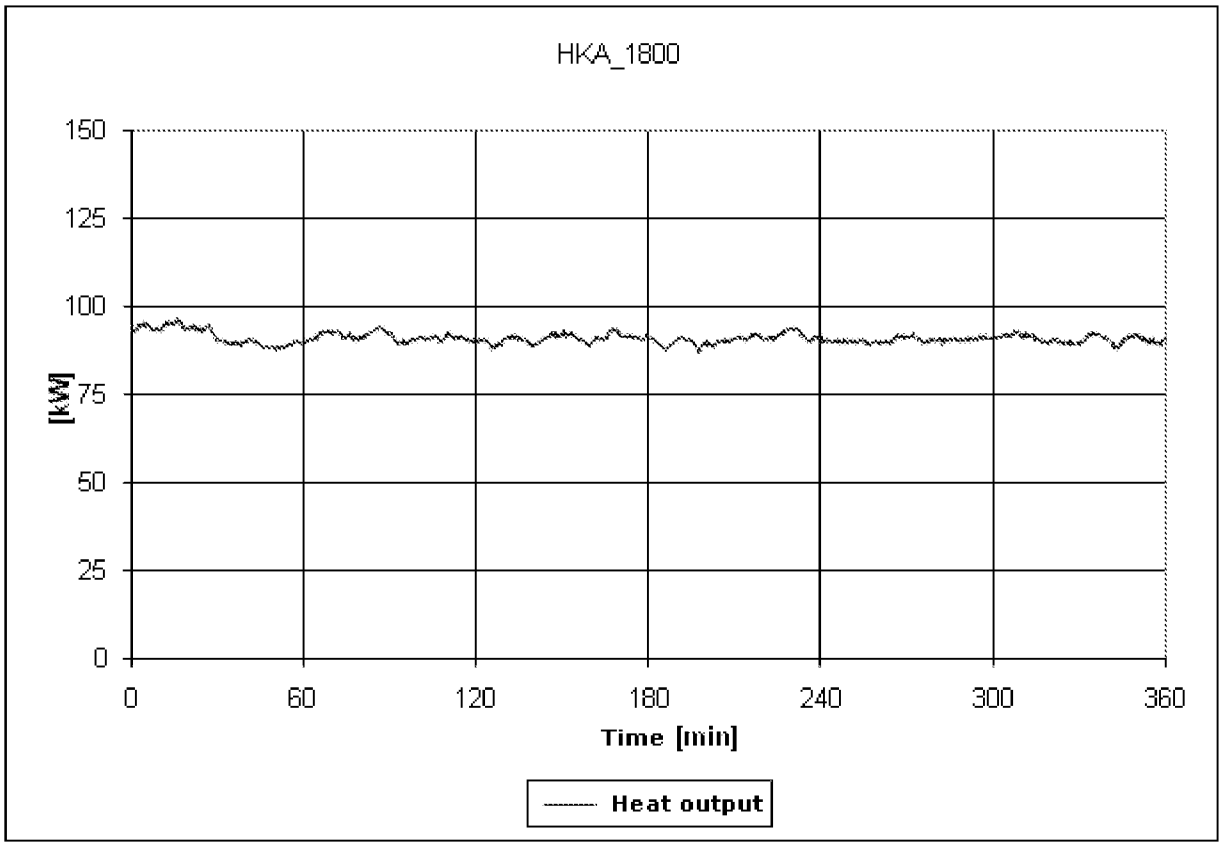
Measurement results: HKA_1800
Calculation depending on $CO_2$-measurement

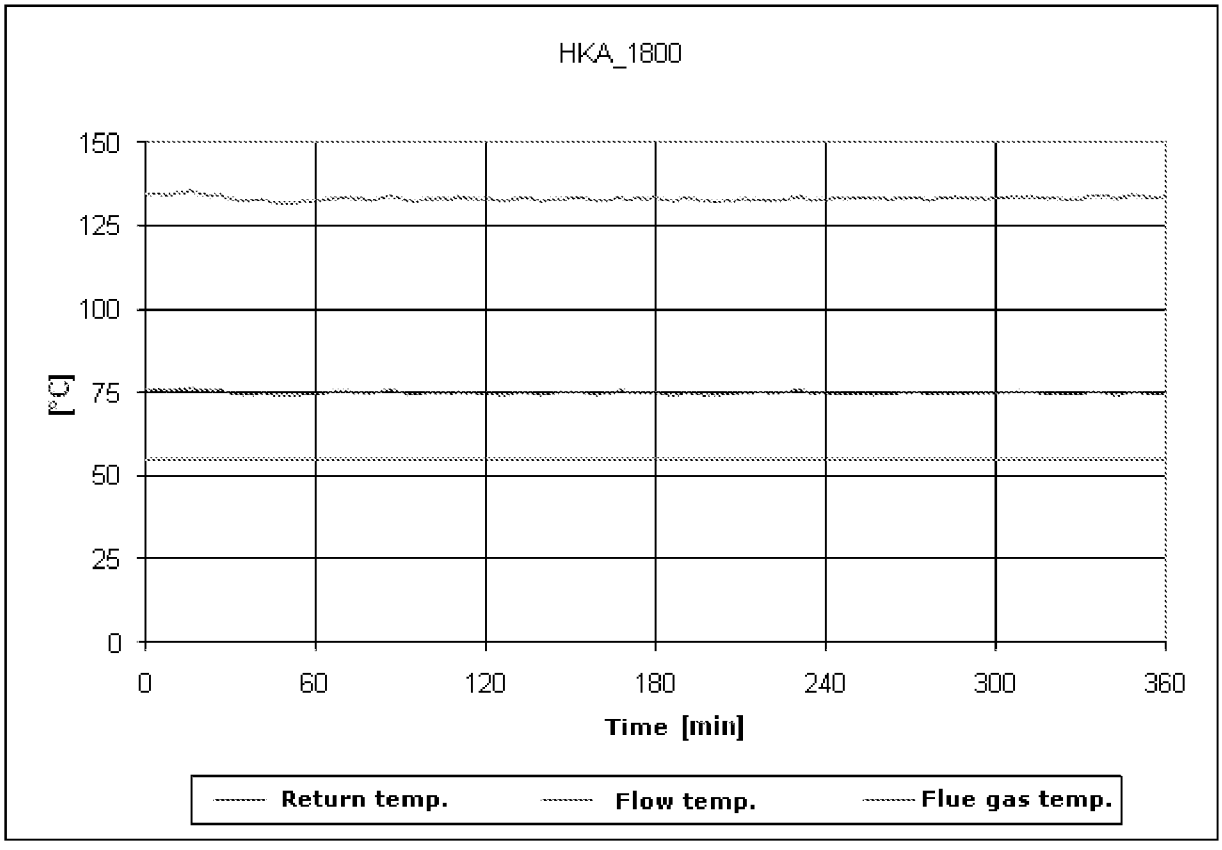
| | | | | | |
|---|---|---|---|---|---|
| Suction start: | hh:mm | 08:40 | 10:10 | 11:40 | 13:10 |
| Suction period: | min | 60 | 60 | 60 | 60 |
| Suctioned gas sample: | m³ | 0,502 | 0,423 | 0,494 | 0,452 |
| $CO_2$-content measured: | % | 15,1 | 15,0 | 15,0 | 15,0 |
| $O_2$-content calculated: | % | 5,3 | 5,3 | 5,3 | 5,4 |
| Density of gas sample: | | | | | |
| Dry gas | kg/Nm³ | 1,37 | 1,37 | 1,37 | 1,37 |
| Humid gas | kg/Nm³ | 1,30 | 1,30 | 1,30 | 1,30 |
| Water content | g/Nm³ | 93,17 | 92,78 | 92,81 | 92,66 |
| Flue gas mass flow: | | | | | |
| Dry gas | kg/kg | 7,77 | 7,81 | 7,81 | 7,82 |
| Velocity: | | | | | |
| At sampling point | m/s | 3,09 | 3,10 | 3,10 | 3,11 |
| At probe head | m/s | 1,90 | 1,59 | 1,85 | 1,68 |
| Dust content: | | | | | |
| separated | mg | 10,4 | 9,1 | 11,8 | 11,0 |
| separated related to | | | | | |
| sample volume | mg/Nm³ | 23,2 | 24,4 | 27,0 | 27,6 |
| 13 % $O_2$-content | mg/Nm³ | 11,8 | 12,4 | 13,8 | 14,1 |

**Evaluation**

| | relating to applied energy | relating to $O_2$-content of 10 % | relating to $O_2$-content of 13 % |
|---|---|---|---|
| | mg/MJ | mg/Nm³ | mg/Nm³ |
| Dust | 8 | 18 | 13 |
| Carbon monoxide (CO) | 3 | 6 | 4 |
| Organic gaseous substances (OGC) | <1 | <1 | <1 |
| Nitrogen oxides ($NO_x$) | 64 | 139 | 101 |

### 2.4.1 Output-related measurements



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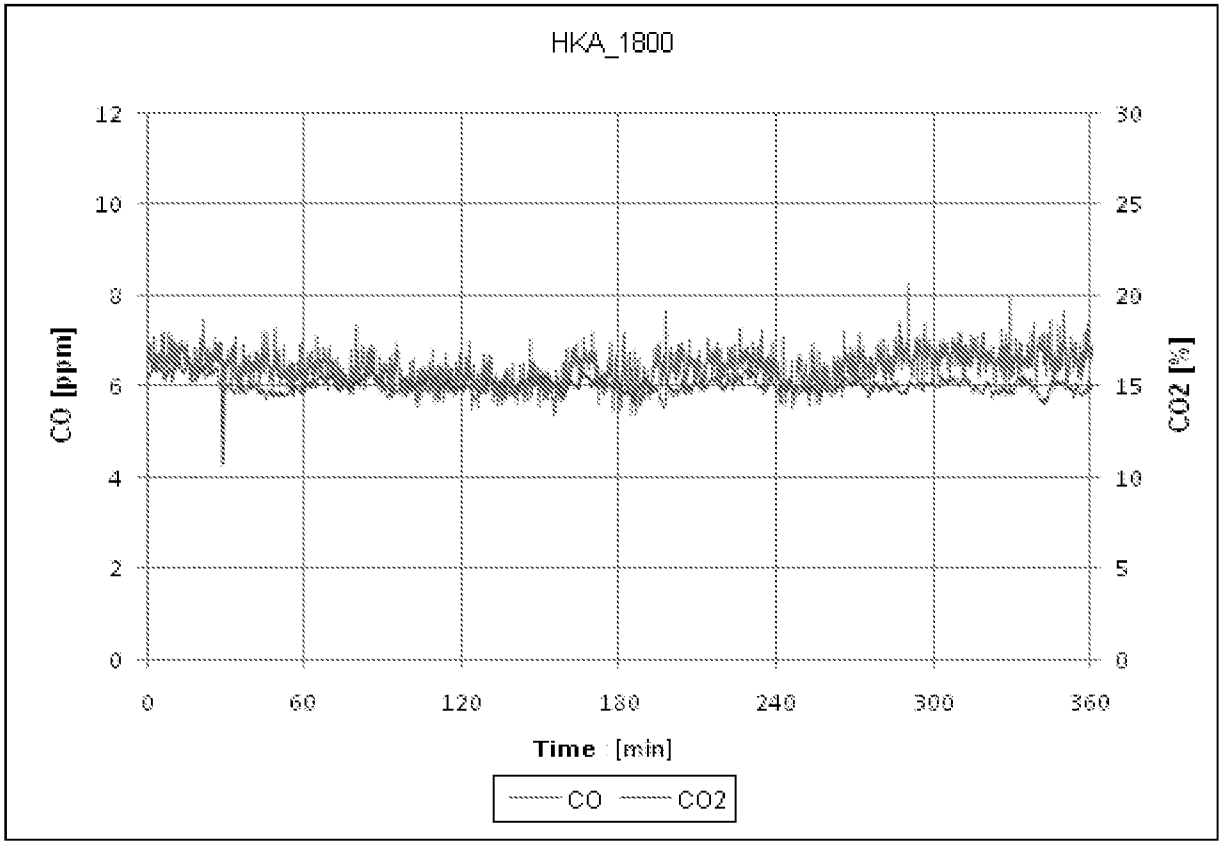
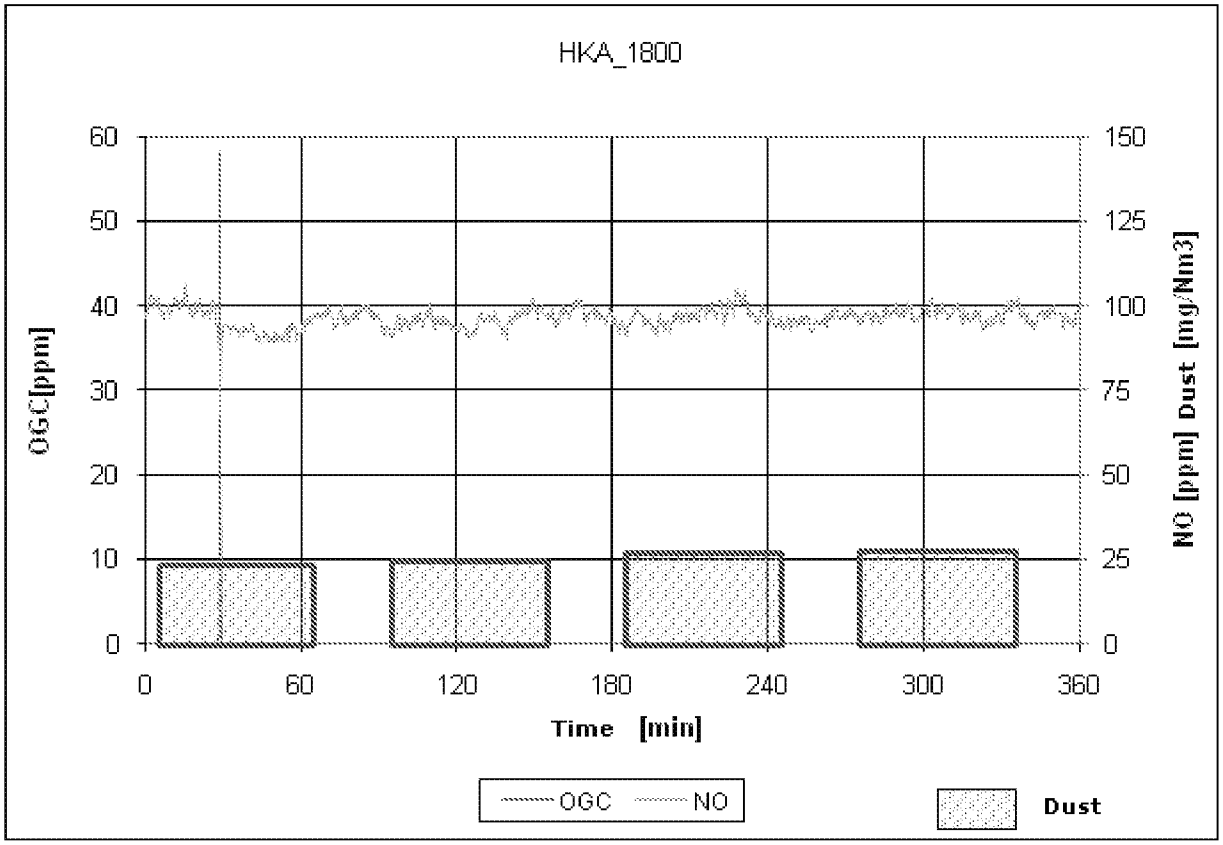
## 2.4.2 Flue gas composition



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## 2.5 Investigatory heating tests at minimum heat output with pellets

| | | |
|---|---|---|
| Number of test | HKA_1802 | |
| Name of boiler | Pellets heating boiler ETA PE-K 90 | |
| Nominal heat output (kW) | 95,0 | |

| | | Minimum value | Average value | Maximum value |
|---|---|---|---|---|
| **Test conditions** | | | | |
| Start of test | | | 16.06.2010 09:00 | |
| End of test | | | 16.06.2010 15:01 | |
| Test duration | [hh:mm] | | 6:01 | |
| Ambient temperature | °C | 25,4 | 26,1 | 26,5 |
| Outside temperature | °C | 14,0 | 14,5 | 15,4 |
| Air pressure | mbar | | 987 | |
| **Test fuel, heat input** | | | | |
| Test fuel | Wood pellets 10_0184 | | | |
| Water content | kg/kg | | 0,065 | |
| Ash content | kg/kg | | 0,002 | |
| Carbon content | kg/kg | | 0,460 | |
| Hydrogen content | kg/kg | | 0,060 | |
| Oxygen content | kg/kg | | 0,413 | |
| Calorific value of anhydrous and ash-free substances | MJ/kg | | 19,1 | |
| Calorific value of test fuel | MJ/kg | | 17,6 | |
| Applied fuel quantity | kg | | 35,6 | |
| Hourly fuel quantity | kg/h | | 5,9 | |
| Fuel heat input | kW | | 28,9 | |
| **Heat output, efficiency** | | | | |
| Water circulation | kg/h | 1151,5 | 1156,9 | 1165,6 |
| Flow temperature | °C | 54,4 | 54,5 | 54,5 |
| Return temperature | °C | 73,2 | 74,1 | 75,4 |
| Temperature difference | K | 18,7 | 19,6 | 20,9 |
| Heat output in the boiler circuit | kW | | 26,5 | |
| Utilisation | % | | 27,9 | |
| Boiler efficiency | % | | 91,6 | |
| **Measured values flue gas measuring section** | | | | |
| Flue gas temperature | °C | 85,7 | 86,5 | 87,7 |
| Manometric pressure | Pa | 5,7 | 7,7 | 23,4 |
| Carbon dioxide | % | 7,9 | 11,0 | 12,4 |
| Carbon monoxide | ppm | 19,9 | 44,0 | 104,2 |
| Organic gaseous substances | ppm | 0,0 | 0,1 | 86,3 |
| Nitrogen monoxide | ppm | 38,9 | 52,6 | 62,8 |



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## Emission measurements

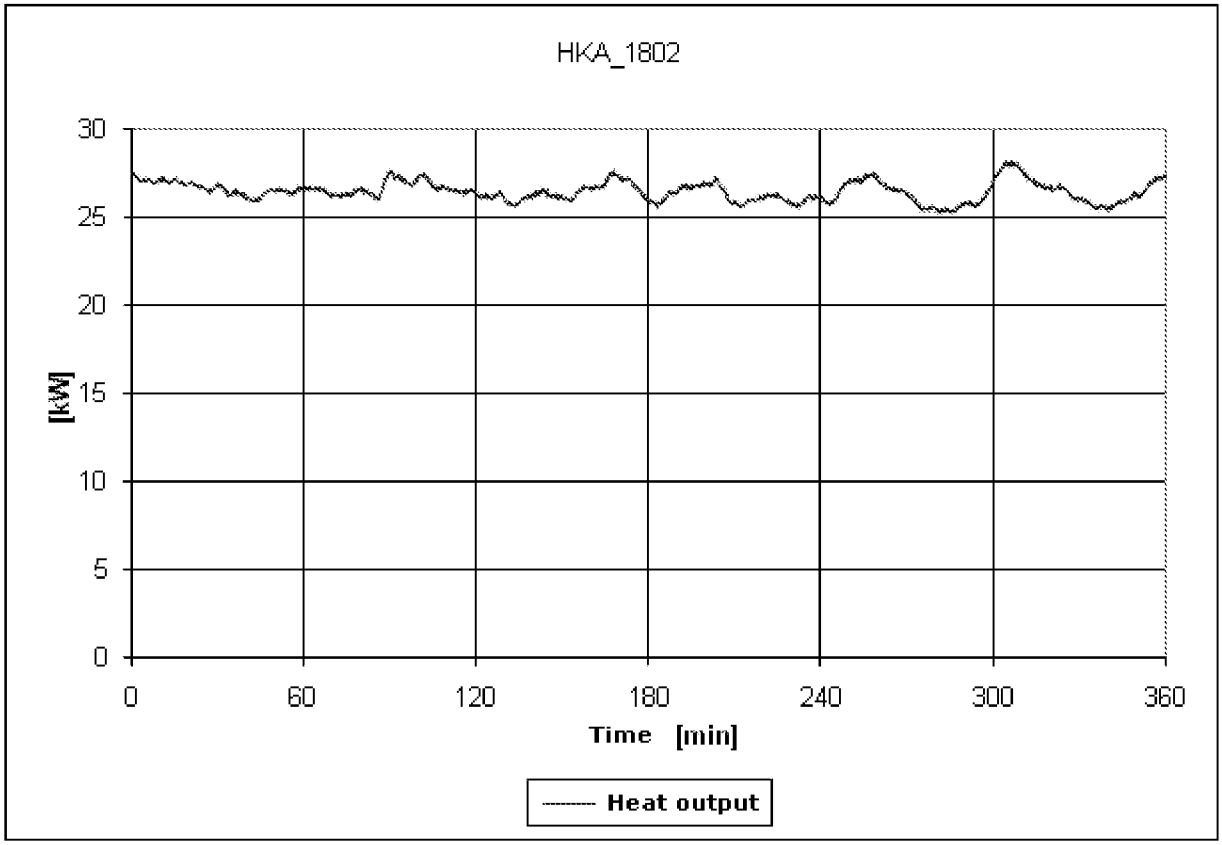
Measurements results test: HKA_1802
Calculation depending on $CO_2$-calculation

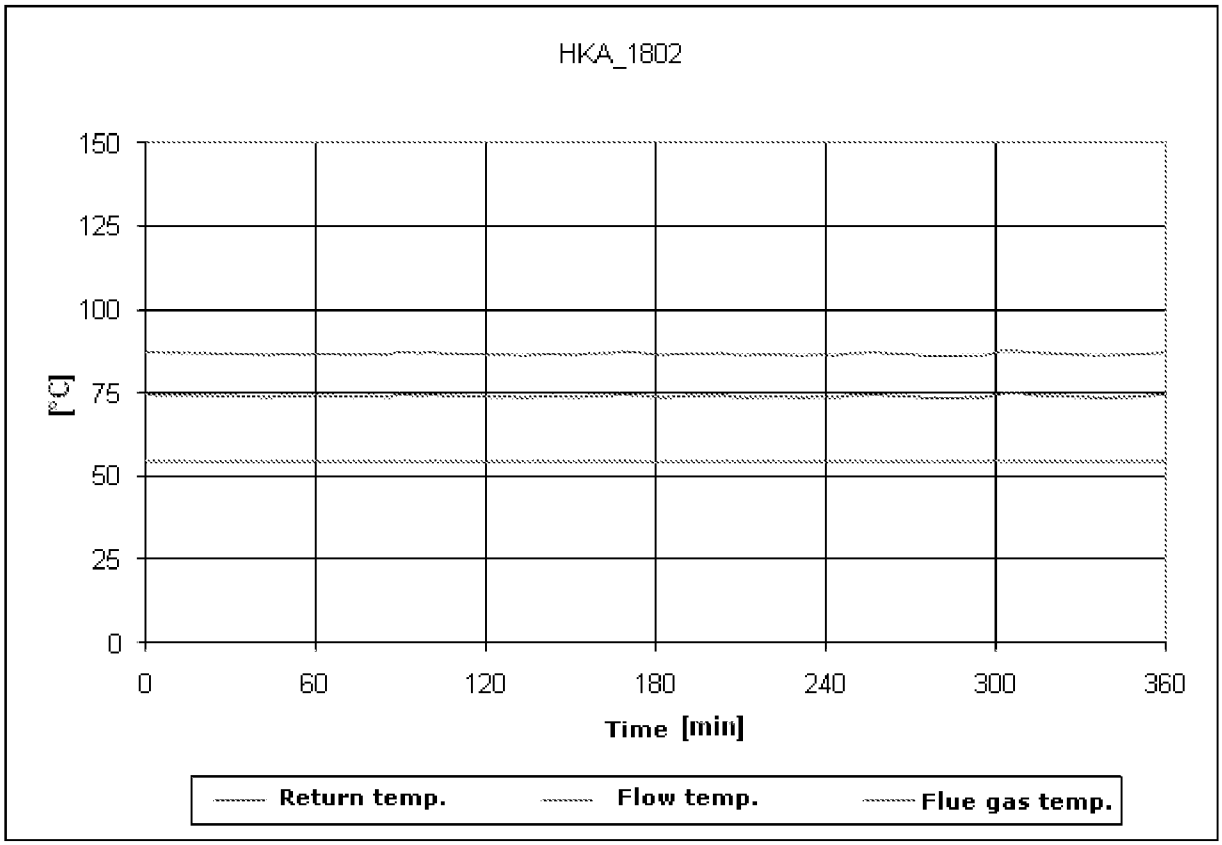
| | | | | | |
|---|---|---|---|---|---|
| Suction start: | hh:mm | 09:10 | 10:40 | 12:10 | 13:40 |
| Suction period: | min | 60 | 60 | 60 | 60 |
| Suctioned gas sample: | m³ | 0,415 | 0,411 | 0,385 | 0,548 |
| $CO_2$-content measured: | % | 10,9 | 10,9 | 11,0 | 11,0 |
| $O_2$-content calculated: | % | 9,6 | 9,6 | 9,5 | 9,5 |
| Density of gas sample: | | | | | |
| Dry gas | kg/Nm³ | 1,34 | 1,34 | 1,35 | 1,35 |
| Humid gas | kg/Nm³ | 1,30 | 1,30 | 1,30 | 1,30 |
| Water content | g/Nm³ | 69,64 | 69,73 | 70,16 | 70,27 |
| Flue gas mass flow: | | | | | |
| Dry gas | kg/kg | 10,57 | 10,55 | 10,49 | 10,47 |
| Velocity: | | | | | |
| At sampling point | m/s | 1,08 | 1,08 | 1,07 | 1,07 |
| At probe head | m/s | 0,86 | 0,85 | 0,79 | 1,13 |
| Dust content: | | | | | |
| separated | mg | 4,7 | 3,9 | 3,3 | 2,8 |
| separated relating to | | | | | |
| sample volume | mg/Nm³ | 12,7 | 10,7 | 9,6 | 5,7 |
| 13 % $O_2$-content | mg/Nm³ | 8,9 | 7,5 | 6,7 | 4,0 |

## Evaluation

| | relating to applied energy | relating to $O_2$-content of 10 % | relating to $O_2$-content of 13 % |
|---|---|---|---|
| | mg/MJ | mg/Nm³ | mg/Nm³ |
| Dust | 4 | 9 | 7 |
| Carbon monoxide (CO) | 24 | 53 | 38 |
| Organic gaseous substances (OGC) | <1 | <1 | <1 |
| Nitrogen oxides ($NO_x$) | 54 | 116 | 85 |

## 2.5.1 Output-related measurements



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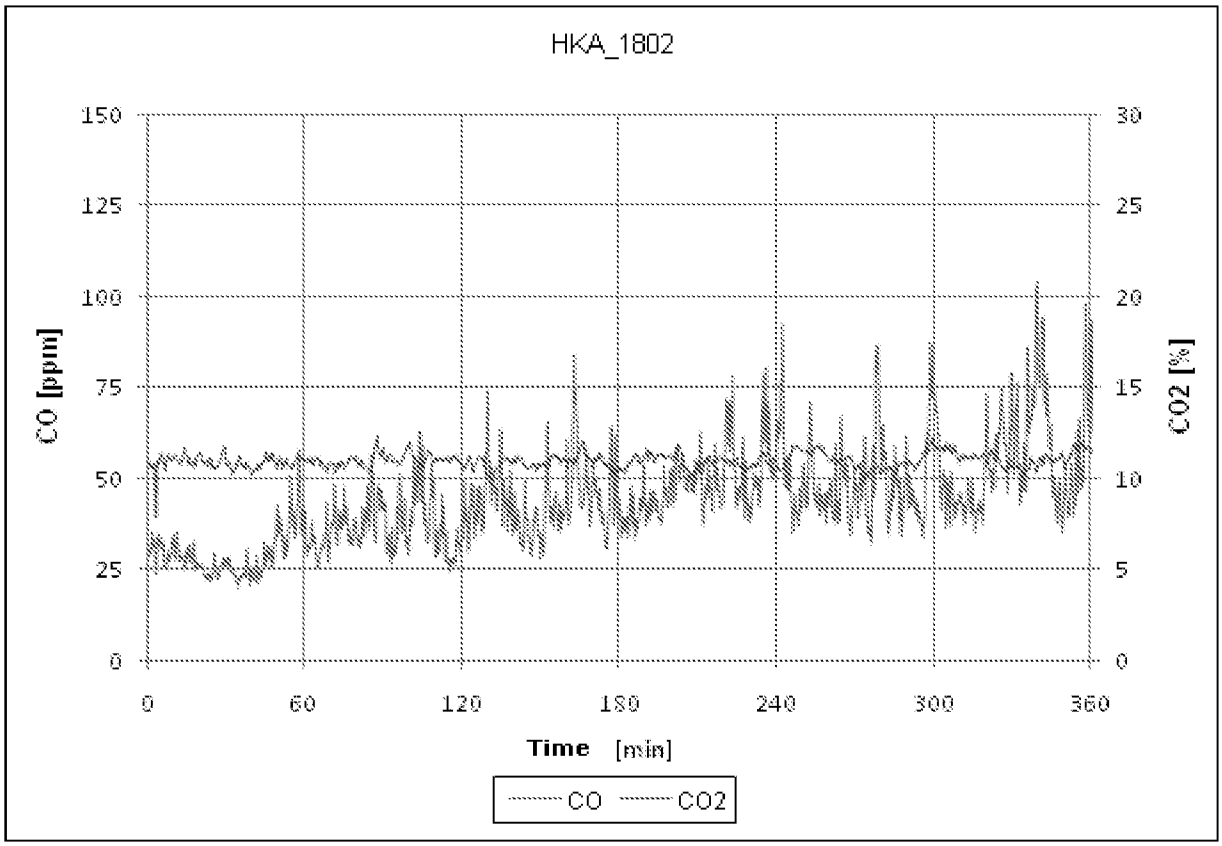
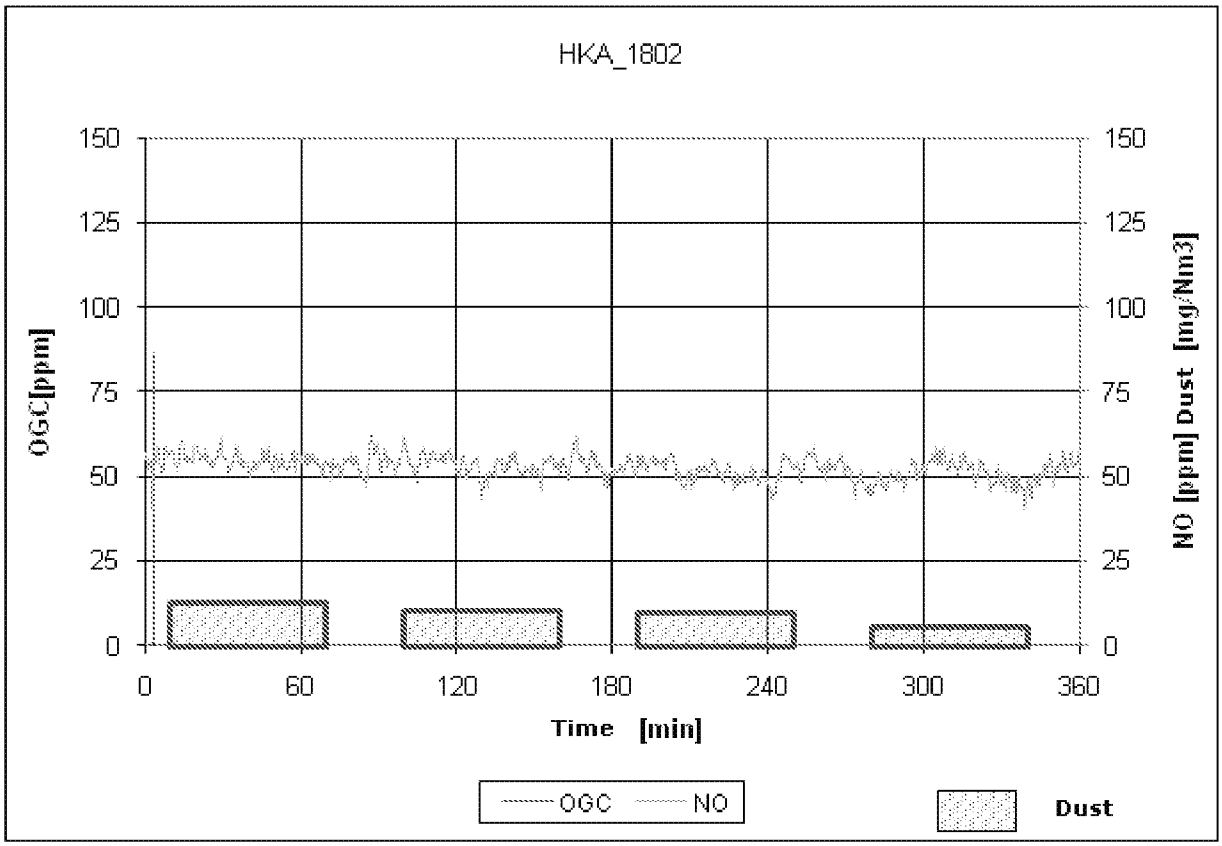
## 2.5.2 Flue gas composition



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## 2.6 Surface losses

The heat loss through the boiler surface is determined using DIN 4702-2:1990 basing on heat transfer coefficients and arrangements of technical surfaces (according to Nusselt). Temperatures were measured at 49 points on the boiler surface during the test at nominal heat output. The measurement results are shown in the following table and the table of measurements in Appendix B:

| Parameter | Value | Unit |
|---|---|---|
| Test number | HKA_1800 | |
| Ambient temperature | 25,9 | °C |
| Flow temperature | 75 | °C |
| Flue gas temperature | 134 | °C |
| Heat output in the boiler circuit | 91,0 | kW |
| Radiation losses from boiler | 0,44 | kW |
| Percentage loss at nominal heat output | 0,5 | % |

The surface temperature of the handle on the combustion chamber/ash door was in the range of the ambient temperature.

## 2.7 Water-side resistance of boiler

The water-side resistance for the flow rates was determined at a nominal heat output of 90 kW which occured at temperature differences of 10 K and 20 K respectively.

| Flow rate | Temperature difference | Water temperature | Differential pressure |
|---|---|---|---|
| [kg/h] | [K] | [°C] | [mbar] |
| 3860 | 20 | 24,5 | 8,8 |
| 7710 | 10 | 24,7 | 34,8 |



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## 2.8 Electrical power consumption

### 2.8.1 Average electrical power consumption at nominal heat output, minimum heat output, ignition and on stand-by position

| Operating status | Fuel | Meas. duration | Electrical energy | Average electrical power consumption | Percentage of nominal heat output |
|---|---|---|---|---|---|
| | | [min] | [Wh] | [W] | [%] |
| Nominal heat output | Wood pellets | 365 | 1250 | 206 | 0,2 |
| Minimum heat output | | 360 | 575 | 95 | 0,1 |
| Ignition procedure | | 25 | 291 | 693 | |
| Stand-by mode | | 60 | 10 | 10 | |

### 2.8.2 Electrical power consumption of main loads

| Load | Power [W] |
|---|---|
| Draught fan | 135 |
| Pellets - Suction turbine | 1402 |
| Drive motor – Stoker screw + metering screw + rotary valve | 93 |
| Drive motor – Grate ash removal | 2,5 |
| Drive motor – Ash extraction screw | 233 |
| Drive motor – Turbulators | 52 |
| Ignition fan | 1086 |

# 3 SUMMARY OF RESULTS

## 3.1 Heating tests

The tested pellets heating boiler ETA PE-K 90 from the company ETA Heiztechnik GmbH, with a nominal heat output of 95,0 kW, was tested in the power range of 26,5 to 91,0 kW using wood pellets compliant to ÖNORM M 7135:2000 having a diameter of 6 mm and a water content of 6,5 %.

Since the boiler flue gas temperature is less than 160 K above room temperature at nominal heat output, the boiler manufacturer shall make recommendations in accordance with ÖNORM EN 303-5:1999, regarding the flue installation in order to ensure sufficient draught and to prevent sooting of the chimney and condensation.



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The results of the emission measurements are as follows:

| | | Nominal heat output | | | Minimum heat output | | |
|---|---|---|---|---|---|---|---|
| Test fuel | [-] | Wood pellets | | | | | |
| Water content | [%] | 6,5 | | | 6,5 | | |
| Heat output | [kW] | 91,0 | | | 26,5 | | |
| Fuel heat input | [kW] | 97,9 | | | 28,9 | | |
| Flue gas mass flow | [kg/h] | 168,1 | | | 65,6 | | |
| Load | [%] | 95,8 | | | 27,9 | | |
| Flue gas temperature | [°C] | 133,3 | | | 86,5 | | |
| Boiler efficiency | [%] | 93,0 | | | 91,6 | | |
| Carbon dioxide | [%] | 15,0 | | | 11,0 | | |
| | | **[mg/MJ] 1)** | [mg/m³] 2) | [mg/m³] 3) | **[mg/MJ] 1)** | [mg/m³] 2) | [mg/m³] 3) |
| **Dust** | | **8** | 18 | 13 | **4** | 9 | 7 |
| **Carbon monoxide** | | **3** | 6 | 4 | **24** | 53 | 38 |
| **Organic carbon** | | **<1** | <1 | <1 | **<1** | <1 | <1 |
| **Nitrogen oxides** | | **64** | 139 | 101 | **54** | 116 | 85 |

1) Emission values in mg/MJ (relating to applied energy), subject to legal requirements in Austria.
2) Emission values in mg/m³ (relating to 10 % $O_2$, 1013 mbar, dry flue gas), according to ÖNORM EN 303-5:1999.
3) Emission values in mg/m³ (relating to 13 % $O_2$, 1013 mbar, dry flue gas), corresponding to various national and international requirements.

## 3.2 Function check of temperature controller / safety temperature limiter on the boiler

The functional check of the temperature controller and the safety temperature limiter and monitor on the boiler was performed in accordance with section 5.13 of ÖNORM EN 303-5:1999. The requirements were fulfilled.

## 3.3 Function check of device to extract excessive heat

Since the tested pellets heating boiler ETA PE-K 90 from the company ETA Heiztechnik GmbH is equipped with a device to dissipate the residual heat as described in section 4.1.5.11.3 of ÖNORM EN 303-5:1999, the function check was performed.

During the course of the checks on the temperature controller, the safety temperature limiter and the device to extract excessive heat no dangerous operating conditions arose neither with the water system nor the burner.



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# 4 ASSESSMENT

Based on the test results, one can hereby confirm that the

**Pellets heating boiler ETA PE-K 90**
Test fuel: Wood pellets
from
**ETA Heiztechnik GmbH**

fulfils the requirements governed by the agreements in Art. 15 a BV-G relating to **„Protective measures for small burners“** (1998) and **„Saving energy“** (1995) as well as the requirements according to the **“331. Regulation on firing systems – FAV”** (1997), § 23 (3). The federal legal requirements are implemented in local state law.

For the
factual correctness:

ADir. Dipl.-HLFL-Ing.
Leopold Lasselsberger m.p.

For the
report and tests:

ADir. Ing.
Harald Baumgartner m.p.

For the Head of the
accredited test station:

Hofrat Dipl.-Ing.
Manfred Wörgetter m.p.

Wieselburg, 16/09/2010

Translation: 31/12/2010

# APPENDIX A (for information only)

## Legal requirements relating to small firing systems for biogenous fuels in Austria

### A.1 Agreement according to Art. 15 a B-VG concerning an amendment to the agreement according to Art. 15 a B-VG relating to protective measures for small firings (1998)

Small solid fuel boilers must not exceed the following emission limits:

| Solid fuel boilers | | Emission limits [mg/MJ] | | | |
|---|---|---|---|---|---|
| | | CO | $NO_x$ | OGC | Dust |
| Manually loaded | Biogenous fuels | 1100 | 150*) | 80 | 60 |
| | Fossil fuels | 1100 | 100 | 80 | 60 |
| Automatically loaded | Biogenous fuels | 500**) | 150*) | 40 | 60 |
| | Fossil fuels | 500 | 100 | 40 | 40 |

*) The NOx limit only applies to wood firings.
**) This limit value can be exceeded by 50 % during partial load operation at 30 % of nominal heat output.

### A.2 Energy saving agreement according to Art. 15 a B-VG (1995)

The efficiency of small solid fuel boilers should not fall below the following values:

| Small boilers used for solid fuel central heating: | |
|---|---|
| Manually loaded | |
| Up to 10 kW | 73 % |
| > 10 to 200 kW | (65,3 + 7,7 log Pn) % |
| > 200 kW | 83 % |
| Automatically loaded | |
| Up to 10 kW | 76 % |
| > 10 to 200 kW | (68,3 + 7,7 log Pn) % |
| > 200 kW | 86 % |

These federal requirements are implemented in local state law.

## A.3 Regulation on firing systems - FAV (1997)

### 331. Regulation of the Federal Minister for Economic Affairs according to construction, method of operation, equipment and the admissible extent of emissions of heating systems for solid, liquid and gaseous fuels in industrial plants (Regulation on firing systems – FAV)

### Emission limits
### Wood firing systems

§ **11.** (1) Wood firing systems must not exceed the following emission limits (relating to 13 % $O_2$, 1013 mbar, dry flue gas) according to the highest allowable fuel thermal output:

| Pollutant | Fuel thermal output (MW) | | | | | |
|---|---|---|---|---|---|---|
| | ≤ 0,1 | > 0,1–0,35 | > 0,35–2 | > 2–5 | > 5–10 | > 10 |
| Dust mg/m³ | 150 | 150 | 150 | *) | 50 | 50 |
| CO mg/m³ | 800**) | 800 | 250 | 250 | 100 | 100 |
| $NO_x$ mg/m³ | | | | | | |
| Beech, oak, natural bark, brush wood, fir cones | 300 | 300 | 300 | 300 | 300 | 200 |
| Other natural wood | 250 | 250 | 250 | 250 | 250 | 200 |
| Residues of derived timber products or structural elements which have no binders, hardeners, coating materials and preservers with heavy metal or halogen compounds | 500 | 500 | 500 | 500 | 350 | 350 |
| HC mg/m³ | 50 | 50 | 20 | 20 | 20 | 20 |

*) until 31. December 2001: 100
from 1. January 2002 onwards: 50
**) This limit value can be exceeded by 50 % during partial load operation at 30 % of nominal heat output.

### Flue gas losses

§ **21.** Firing systems which are only used for room heating or as boilers must not exceed the following flue gas losses according to the used fuel (burning material) during nominal load operation:

1. for automatically stocked firing systems for solid fuels ..... 19 %



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# APPENDIX B (for information only)

## Surface temperature measuring points

KESSELFABRIKAT: ETA Heiztechnik GmbH KESSELTYPE: Pelletsfeuerung ETA PE-K 90

| MESSPUNKT BEZ. | POSITIONSBESCHREIBUNG DES BEDIENUNGSGRIFFES | MATERIAL (ME / PO / KU) | TEMP. [ °C ] | MESSPUNKT BEZ. | POSITIONSBESCHREIBUNG DES BEDIENUNGSGRIFFES | MATERIAL (ME / PO / KU) | TEMP. [ °C ] |
|---|---|---|---|---|---|---|---|
| Z1 | Griff-Stange | ME | 26,4 | Z3 | | | |
| Z2 | | | | Z4 | | | |

| MESS NR. | FLÄCHE | TEMP. [ °C ] | MESS NR. | FLÄCHE | TEMP. [ °C ] | MESS NR. | FLÄCHE | TEMP. [ °C ] | MESS NR. | FLÄCHE | TEMP. [ °C ] | MESS NR. | FLÄCHE | TEMP. [ °C ] | MESS NR. | FLÄCHE | TEMP. [ °C ] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | A1 | 30,4 | 21 | E1 | 34,8 | 41 | L1 | 33,8 | 61 | M1 | | 61 | Q1 | | 61 | U1 | |
| 2 | A2 | 32,0 | 22 | E2 | 35,4 | 42 | L2 | 40,9 | 62 | M2 | | 62 | Q2 | | 62 | U2 | |
| 3 | A3 | 31,2 | 23 | E3 | 35,2 | 43 | L3 | 42,7 | 63 | M3 | | 63 | Q3 | | 63 | U3 | |
| 4 | A4 | 28,7 | 24 | E4 | 33,3 | 44 | L4 | 41,7 | 64 | M4 | | 64 | Q4 | | 64 | U4 | |
| 5 | A5 | 28,9 | 25 | E5 | 35,0 | 45 | L5 | | 65 | M5 | | 65 | Q5 | | 65 | U5 | |
| Mittelwert | | **30,2** | Mittelwert | | **34,7** | Mittelwert | | **39,8** | Mittelwert | | | Mittelwert | | | Mittelwert | | |
| 6 | B1 | 28,3 | 26 | F1 | 35,7 | 46 | J1 | 31,5 | 66 | N1 | | 66 | R1 | | 66 | V1 | |
| 7 | B2 | 28,4 | 27 | F2 | 35,2 | 47 | J2 | 33,9 | 67 | N2 | | 67 | R2 | | 67 | V2 | |
| 8 | B3 | 26,7 | 28 | F3 | 30,5 | 48 | J3 | 32,0 | 68 | N3 | | 68 | R3 | | 68 | V3 | |
| 9 | B4 | 25,9 | 29 | F4 | 30,9 | 49 | J4 | 31,4 | 69 | N4 | | 69 | R4 | | 69 | V4 | |
| 10 | B5 | 26,3 | 30 | F5 | 27,9 | 50 | J5 | 33,9 | 70 | N5 | | 70 | R5 | | 70 | V5 | |
| Mittelwert | | **27,1** | Mittelwert | | **32,0** | Mittelwert | | **32,5** | Mittelwert | | | Mittelwert | | | Mittelwert | | |
| 11 | C1 | 28,2 | 31 | G1 | 32,8 | 51 | K1 | | 71 | O1 | | 71 | S1 | | 71 | W1 | |
| 12 | C2 | 33,9 | 32 | G2 | 32,1 | 52 | K2 | | 72 | O2 | | 72 | S2 | | 72 | W2 | |
| 13 | C3 | 31,6 | 33 | G3 | 29,7 | 53 | K3 | | 73 | O3 | | 73 | S3 | | 73 | W3 | |
| 14 | C4 | 31,6 | 34 | G4 | 29,5 | 54 | K4 | | 74 | O4 | | 74 | S4 | | 74 | W4 | |
| 15 | C5 | 28,5 | 35 | G5 | 31,0 | 55 | K5 | | 75 | O5 | | 75 | S5 | | 75 | W5 | |
| Mittelwert | | **30,8** | Mittelwert | | **31,0** | Mittelwert | | | Mittelwert | | | Mittelwert | | | Mittelwert | | |
| 16 | D1 | 28,2 | 36 | H1 | 43,9 | 56 | L1 | | 76 | P1 | | 76 | T1 | | 76 | X1 | |
| 17 | D2 | 41,6 | 37 | H2 | 37,3 | 57 | L2 | | 77 | P2 | | 77 | T2 | | 77 | X2 | |
| 18 | D3 | 42,2 | 38 | H3 | 31,3 | 58 | L3 | | 78 | P3 | | 78 | T3 | | 78 | X3 | |
| 19 | D4 | 39,0 | 39 | H4 | 37,6 | 59 | L4 | | 79 | P4 | | 79 | T4 | | 79 | X4 | |
| 20 | D5 | 29,1 | 40 | H5 | 34,7 | 60 | L5 | | 80 | P5 | | 80 | T5 | | 80 | X5 | |
| Mittelwert | | **36,0** | Mittelwert | | **37,0** | Mittelwert | | | Mittelwert | | | Mittelwert | | | Mittelwert | | |

L1...L5 Surface area



ARUN DISTRICT COUNCIL BR/318/13/

STATUTORY INSTRUMENTS

# 2013 No. 2112

# CLEAN AIR, ENGLAND

## The Smoke Control Areas (Exempted Fireplaces) (England) (No. 2) Order 2013

| | |
|---|---|
| *Made - - - -* | *27th August 2013* |
| *Laid before Parliament* | *2nd September 2013* |
| *Coming into force - -* | *1st October 2013* |

The Secretary of State makes the following Order in exercise of the powers conferred by section 21 of the Clean Air Act 1993(**a**).

The Secretary of State is satisfied that the fireplaces exempted by this Order can be used for burning fuel other than authorised fuels(**b**) without producing any smoke or a substantial quantity of smoke.

### Citation, application and commencement

**1.** This Order—

(a) may be cited as the Smoke Control Areas (Exempted Fireplaces) (England) (No. 2) Order 2013;

(b) applies in England; and

(c) comes into force on 1st October 2013.

### Fireplaces exempted from the provisions of section 20 of the Clean Air Act 1993

**2.** The fireplaces listed in the Schedule are exempt from the provisions of section 20 of the Clean Air Act 1993 (prohibition on emission of smoke in smoke control area), subject to the conditions listed in the Schedule.

### Revocation

**3.** The Smoke Control Areas (Exempted Fireplaces) (England) Order 2013(**c**) is revoked.

*de Mauley*
Parliamentary Under Secretary of State
Department for Environment, Food and Rural Affairs

27th August 2013

(**a**) 1993 c. 11.
(**b**) Fuels declared by the Secretary of State to be authorised fuels for the purposes of Part 3 of the Clean Air Act 1993 under section 20(6) of that Act are specified in S.I. 2013/2111.
(**c**) S.I. 2013/462.

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# SCHEDULE

Article 2

## Exempted Fireplaces

| *Fireplace* | *Conditions* | |
|---|---|---|
| | The fireplace must be installed, maintained and operated in accordance with the following specifications: | Permitted fuels (other than authorised fuels): |
| 100SE Smoke Exempt Woodburning Stove manufactured by ESSE Engineering Limited, Long Ing Barnoldswick Lancashire, BB18 6BN | The manufacturer's instruction manual dated February 2009, reference: 100SE Issue 1.<br>A permanent stop must be in place on the secondary air inlet to prevent closure beyond the 50% open position. | Untreated dry wood with a maximum moisture content of 20% maximum length of 200 mm and maximum width or diameter of 120 mm |
| 18i and 60i stoves manufactured by Jetmaster Fires Limited, Unit 2 Peacock Trading Estate, Goodwood Road, Eastleigh, Hampshire, SO50 4NT | Installation and use instruction manual dated February 2010, reference: Part No 106870 Issue No. 1.<br>Supplementary instruction manual dated May 2010, reference: Part No 106872 Issue No. 1.<br>The appliance must be fitted with a mechanical stop to prevent closure of the air control beyond the 40% open position. | Wood logs[1] |
| Aarrow Signature 5 SC, Aarrow Ecoburn 5 SC, Hamlet Solution 5 SC and Villager Espirit 5 SC Stoves manufactured by Arada Limited, The Fire Works, Millwey Industrial Estate, Axminster, Devon, EX13 5HU | Instruction manual dated April 2010, reference: Rev 02.<br>The appliance must be fitted with a mechanical stop to prevent closure of the air control beyond 20 mm from the closed position and 50 mm beyond the fully open position. | Wood logs[1] |
| Acquisitions Bloomsbury 5 kW stove manufactured by Esse Engineering Limited, Ouzedale Foundry, Long Ing, Barnoldswick, BB18 6BN | Instruction manual dated January 2012, reference: 01/12 (PP).<br>The fitting of a system to prevent closure of the air controls beyond the 50% open position must be implemented | Wood logs[1] |
| Acquisitions Cannonbury 4 and 5 manufactured by Esse Engineering Limited, The Ouzledale Foundry, Long Ing, Barnoldswick, BB18 6BN | Installation and Operating Instruction manual dated 9th November 2010, reference: v71 of 09/11/2010. | Wood logs[1] |
| ACR Astwood Multifuel Stove AW1MF manufactured by ACR Heat Products Ltd, Unit 1 Weston Works, Weston Lane, Tyseley, Birmingham, B11 3RP | Instruction manual dated 28th January 2013, reference: AW1MF0101 Version 3.<br>A mechanical stop to prevent closure of the secondary air control lever beyond 12 mm open position must be implemented. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Aduro 3D, 8D, 10D, 11D and Asgård 1D, 2D and 7D wood burning stoves manufactured by Aduro A/S, Silkeborgvej 765 8220, Brabrand, Denmark | Instruction manual dated June 2011, reference: Pevex1001/AH/ver1. The appliance must be fitted with permanent stops to ensure that the primary and secondary air controls do not close beyond 95% and 50% respectively. | Dry wood logs[1] |
| Aduro 9D wood burning stove manufactured by Aduro A/S, Silkeborgvej 765 8220, Brabrand, Denmark | Instruction manual dated June 2011, reference: Pevex1002/AH/ver1. The appliance must be fitted with permanent stops to ensure that the primary and secondary air controls do not close beyond 95% and 50% respectively. | Dry wood logs[1] |
| Alberg 7 manufactured by Elite Group Trading Limited, Room 1208 Kak Tak Commercial Building 317-319 Des Voeux Road, Central Hong Kong 999077 | Instruction manual dated 21st December 2011, reference: EGTL03A Version 1.4 | Wood logs[1] |
| Alpha I model number AL905-SE Wood Burning Stove manufactured by Hi-Flame Fireplace UK Limited, Unit 5A Holmes Chapel Business Park, Manor Lane, Holmes Chapel, Cheshire, CW4 8AF | Instruction manual dated July 2012, reference: HF277-SE/UK-NI-ROI/V2D.18-07-12. The appliance must be fitted with a mechanical stop to prevent closure of the main air control beyond the 50% open position. | Wood logs[1] |
| Alpha II model number AL907-SE Wood Burning Stove manufactured by Hi-Flame Fireplace UK Limited, Unit 5A Holmes Chapel Business Park, Manor Lane, Holmes Chapel, Cheshire, CW4 8AF | Instruction manual dated July 2012, reference: AL907-SE/UK-NI-ROI/V3-D.14-07-12. The appliance must be fitted with a mechanical stop to prevent secondary air control closure beyond the 20% open position, and a 70 mm opening of the door rope seal to allow a constant flow of air when sold into smoke control areas. | Wood logs[1] |
| Angus Orligno 200 18 kW, 25 kW, 40 kW, 60 kW and 80 kW gasification boilers manufactured by Eko-Vimar Orlanski Spółka z ograniczoną odpowiedzialnością, ul. Nyska 17 b 48-385 Otmuchów, Poland | Instruction manual dated October 2011, reference: EV-20111002 | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Angus Orligno 500 7-25 kW boiler manufactured by Eko-Vimar Orlanski Spółka z ograniczoną odpowiedzialnością, ul. Nyska 17 b 48-385 Otmuchów, Poland | Instruction manual dated 3rd October 2012, reference: EV-20121003 | Wood pellets[1] |
| Angus Super 18, 25, 40, 60 and 80 kW gasification boilers manufactured by Eko-Vimar Orlanski Spółka z ograniczoną odpowiedzialnością, ul. Nyska 17 b 48-385 Otmuchów, Poland | Instruction manual dated October 2011, reference: EV-20111001 | Wood logs[1] |
| Apollo 8 Inset stove manufactured by Chesneys Limited, 194-200 Battersea Park Road, London, SW11 4ND | Instruction manual dated 31st October 2011, reference: CH8K Apollo – V2.<br>The fitting of a system that prevents closure of the air controls further than 40 mm from open must be implemented. | Wood logs[1] |
| Arimax Bio 300 kW<br>Arimax Bio 400 kW<br>Arimax Bio 500 kW<br>boilers manufactured by Artierm Oy PO Box 59 Fin – 43101 Saarijarvi, Finland | Instruction manual dated 30th March 2010, reference: INSTALLATION AND OPERATION MANUAL Arimax Bio 120-3000 kW | 6-8 mm wood pellets with a moisture content less than 10%[1] |
| Ariterm Ekerum 6 kW pellet stove and Neptuni 6 kW pellet stove manufactured by Ariterm Sweden AB, Flottiljvägen 15, 392 41 Kalmar, Sweden | Instruction manual dated 15th December 2011, reference: ARITERM-SP-PX26868-B.2 | Wood pellets[1] |
| Ariterm Mysinge 6 kW pellet stove manufactured by Ariterm Sweden AB, Flottiljvägen 15, 392 41 Kalmar, Sweden | Instruction manual dated 15th December 2011, reference: ARITERM-SP-PX26868-B.1 | Wood pellets[1] |
| Ashwell Green-Tec 150 boiler manufactured by Ashwell Biomass Limited, Unit 12, 35 Pinfold Road, Thurmaston, Leicester, LE4 8AT | Instruction manual dated June 2009, reference: ASH-gt150/101 Version 1.2 | Wood pellets[1] |
| Ashwell Green-Tec 195 boiler, manufactured by Ashwell Biomass Limited, Unit 12, 35 Pinfold Road, Thurmaston, Leicester, LE4 8AT | Instruction manual dated June 2009, reference: ASH-gt195/102 Version 1.2 | Wood pellets[1] |
| Ashwell Green-Tec 300 boiler manufactured by Ashwell Biomass Limited, Unit 12, 35 Pinfold Road, Thurmaston, Leicester, LE4 8AT | Instruction manual dated June 2009, reference: ASH-gt300/103 Version 1.2 | Wood pellets[1] |

| *Fireplace* | *Conditions* | |
|---|---|---|
| Avalon 4 stove manufactured by Hunter Stoves Ltd, Trevilla Park, Slaughterbridge, Camelford, Cornwall, PL32 9TT | Instruction manual dated 13th June 2012, reference: JINAV04 Rev C.<br>The appliance must be fitted with a permanent stop that prevents closure of the secondary air slider beyond 30% open. | Wood logs[1] |
| Avalon 5 slimline stove manufactured by Hunter Stoves Ltd, Trevilla Park, Slaughterbridge, Camelford, Cornwall, PL32 9TT | Instruction manual dated 13th June 2012, reference: JINAVS05 Rev C | Wood logs[1] |
| Avalon 6 stove manufactured by Hunter Stoves Ltd, Trevilla Park, Slaughterbridge, Camelford, Cornwall, PL32 9TT | Instruction manual dated 13th June 2012, reference: JINAVA06 Rev C | Wood logs[1] |
| Avalon Compact 5 stove manufactured by Hunter Stoves Ltd, Trevilla Park, Slaughterbridge, Camelford, Cornwall, PL32 9TT | Instruction manual dated 13th June 2012, reference: JINAVC05 Rev C.<br>The appliance must be fitted with a permanent stop that prevents closure of the secondary air slider beyond 30% open. | Wood logs[1] |
| Avalon slimline 8 stove manufactured by Hunter Stoves Ltd, Trevilla Park, Slaughterbridge, Camelford, Cornwall, PL32 9TT | Instruction manual dated 27th June 2012, reference: JINAVS08 rev B | Wood logs[1] |
| Barbas Cuatro-3 57 Inset appliance manufactured by Interfocos BV, Hallenstraat 17, 5531 AB Bladel, The Netherlands | Barbas Cuatro-3 57 installation instructions and manual for annual maintenance dated 15th June 2013, reference: 01-333659.<br>Barbas Cuatro-3 57 instructions for use and maintenance manual dated 15th June 2013, reference: 01-333655.<br>The appliance must be fitted with an air slide which has a circular opening of 32 mm diameter (800 $mm^2$ area) so as to provide air supply when the air slide is fully closed. | Wood logs[1] |
| Barbas Cuatro-3 75 Inset appliance manufactured by Interfocos BV, Hallenstraat 17, 5531 AB Bladel, The Netherlands | Barbas Cuatro-3 75 installation instructions and manual for annual maintenance dated 15th June 2013, reference: 01-333861.<br>Barbas Cuatro-3 75 instructions for use and maintenance manual dated 15th June 2013, reference: 01-333855. | Wood logs[1] |

| *Fireplace* | *Conditions* | |
|---|---|---|
| Barbas Cuatro-3 90 Inset appliance manufactured by Interfocos BV, Hallenstraat 17, 5531 AB Bladel, The Netherlands | Barbas Cuatro-3 90 installation instructions and manual for annual maintenance dated 15th June 2013, reference: 01-332965.<br>Barbas Cuatro-3 90 instructions for use and maintenance dated 10th June 2013, reference: 01-332875. | Wood logs[1] |
| Barbas ECO 52 Stove manufactured by Interfocos, Hallenstraat 17, 5531 AB Bladel, The Netherlands. | Instruction manual dated March 2010, reference: 02 -327332 | Wood logs[1] |
| Barbas Unilux 3 –40, 5 kW wood burning insert and Barbas ECO 40, 5 kW wood burning roomheater manufactured by Interfocos BV, Hallenstraat 17, 5531, AB Bladel, The Netherlands | The Unilux instruction manual, document version 01- 326587 dated August 2009.<br>The ECO 40 instruction manual, document version 01-327332 dated October 2009. | Wood logs[1] |
| Barbas Unilux 3 -52 Stove manufactured by Interfocos, Hallenstraat 17, 5531 AB Bladel, The Netherlands | Instruction manual dated March 2010, reference: 03 -326587 | Wood logs[1] |
| Baxi Bioflo manufactured by Windhager Zentralheizung GmbH , Anton-Windhager-Str. 20, A-5201 Seekirchen bei, Salzburg, Austria | Operating instruction manual dated 2010, reference: 720574401.<br>Installation and servicing instruction manual dated 2010, reference: 720574501 | Wood pellets[1] |
| Be Modern Monroe 5, Monroe 5, Be Modern Monterrey 5, Monterrey 5 and York Midi Multi Fuel Stoves manufactured by Broseley Fires Ltd, Knights Way, Battlefield Enterprise Park, Shrewsbury, Shropshire SY1 3AB | Instruction manual dated 6th October 2010, reference: OCT 10/GB.<br>The appliance must be fitted with a system that prevents the closure of the secondary air flaps to less than 8 mm open position. | Wood logs[1] |
| Be Modern Monterrey 7, Monterrey 7, Be Modern Monroe 7 and Monroe 7 Multi Fuel Stoves manufactured by Broseley Fires Ltd, Knights Way, Battlefield Enterprise Park, Shrewsbury, Shropshire SY1 3AB | Instruction manual dated 6th October 2010, reference: OCT 10/GB.<br>The appliance must be fitted with a system that prevents the closure of the secondary air flaps to less than 10 mm open position. | Wood logs[1] |
| Biomatic +20 boiler manufactured by Ariterm Sweden AB, Flottiljvägen 15, 392 41 Kalmar, Sweden | Instruction manual dated 21st May 2012, reference: ARITERM-VTT-S-07229-11.1 | Wood pellets[1] |

| *Fireplace* | *Conditions* | |
|---|---|---|
| Biomatic +20 light boiler and Biomatic +20 ultra light boiler manufactured by Ariterm Sweden AB,Flottiljvägen 15, 392 41 Kalmar, Sweden | Instruction manual dated 21st May 2012, reference: ARITERM-VTT-S-07229-11.2 | Wood pellets[1] |
| Biomatic +40 boiler manufactured by Ariterm Sweden AB, Flottiljvägen 15, 392 41 Kalmar, Sweden | Instruction manual dated 21st May 2012, reference: ARITERM-VTT-S-06765-11.1 | Wood pellets[1] |
| Biomatic +40 light boiler and Biomatic +40 ultra light boiler manufactured by Ariterm Sweden AB, Flottiljvägen 15, 392 41 Kalmar, Sweden | Instruction manual dated 21st May 2012, reference: ARITERM-VTT-S-06765-11.2 | Wood pellets[1] |
| Biomatic 220 and 250 fitted with Zyklovent 220–250 cyclone separator manufactured by HERZ Armaturen Ges.m.b.H, Geschäftsbereich HERZ, Feuerungstechnik, A–8272 Sebersdorf 138, Austria | The manufacturer's instructions dated April 2005, reference: Bedienungsanleitung Englisch v2.0 doc | Chipped wood, wood pellets or planed wood shavings[1] |
| Biomatic 300, 350, 400 and 500 fitted with Zyklovent 300-500 cyclone separator manufactured by HERZ Armaturen Ges.m.b.H, Geschäftsbereich HERZ, Feuerungstechnik, A-8272 Sebersdorf 138, Austria | The manufacturer's instructions dated April 2005, reference: Bedienungsanleitung Englisch v2.0 doc | Chipped wood, wood pellets or planed wood shavings[1] |
| Boru 4.9 kW Stove manufactured by Righpur Limited, T/A Boru Stoves, the Hive, Ballydine, Gooldscross, Ireland | Instruction manual dated 26th January 2011, reference: BFF010.<br>The air controls must be fixed such that they cannot be closed more than: Primary air slide 2 mm, Secondary air slide 2 mm, Tertiary air slide 30% | Wood logs[1] |
| BST83X multifuel stove manufactured by Hebei Chida Manufacture and Trade Co Limited, No. B2305, Times Ark Building, 36 Guang'an Street, Shijiazhuang, 050011 China | Installation and operation manual dated July 2013, reference: 1.01.<br>The appliance must be fitted with a mechanical stop to prevent secondary air closure beyond the 15 mm open position. | Wood logs[1] |
| Burley Brampton 8 kW stove (also known as Navitron Stalham 8 kW) manufactured by Burley Appliances, Lands' End Way, Oakham, Rutland, LE15 6RB | Instruction manual dated October 2011, reference: BUR/11/10 | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Burley Debdale 4 kW stove (also known as Navitron Bacton 4 kW) manufactured by Burley Appliances, Lands' End Way, Oakham, Rutland, LE15 6RB | Instruction manual dated October 2011, reference: BUR/11/10. The radius of the air inlet hole must be 19 mm | Wood logs [1] |
| Burley Hollywell SE (also known as Navitron Cromer 5 kW) manufactured by Burley Appliances, Lands End Way, Oakham, Rutland, LE15 6RB | Instruction manual dated January 2011, reference: BUR/11/05. The appliance must be fitted with an air plate that prevents the tertiary air controller from closing more than 17 mm and opening more than 45 mm | Wood logs[1] |
| Bushman Large Commercial Pizza Oven manufactured by Dingley Dell Enterprises Ltd, PO Box 3534, Kidderminster, Worcestershire, DY14 9ZE | Instruction manual dated January 2011, reference: LCOINST | Wood logs[1] |
| Bushman Large Domestic Pizza Oven manufactured by Dingley Dell Enterprises Ltd, PO Box 3534, Kidderminster, Worcestershire, DY14 9ZE | Instruction manual dated January 2011, reference: LDOINST | Wood logs[1] |
| Bushman Medium Commercial Pizza Oven manufactured by Dingley Dell Enterprises Ltd, PO Box 3534, Kidderminster, Worcestershire, DY14 9ZE | Instruction manual dated January 2011, reference: MCOINST | Wood logs[1] |
| Bushman Medium Domestic Pizza Oven manufactured by Dingley Dell Enterprises Ltd, PO Box 3534, Kidderminster, Worcestershire, DY14 9ZE | Instruction manual dated January 2011, reference: MDOINST | Wood logs[1] |
| Bushman Small Commercial Pizza Oven manufactured by Dingley Dell Enterprises Ltd, PO Box 3534, Kidderminster, Worcestershire, DY14 9ZE | Instruction manual dated January 2011, reference: SCOINST | Wood logs[1] |
| Bushman Small Domestic Pizza Oven manufactured by Dingley Dell Enterprises Ltd, PO Box 3534, Kidderminster, Worcestershire, DY14 9ZE | Instruction manual dated January 2011, reference: SDOINST | Wood logs[1] |
| Camelot 4 stove manufactured by Hunter Stoves Ltd, Trevilla Park, Slaughterbridge, Camelford, Cornwall, PL32 9TT | Instruction manual dated 24th April 2012, reference: JINCAM04 Rev B. The appliance must be fitted with a permanent stop that prevents closure of the secondary air slider beyond 30% open. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Camelot 5 Compact stove manufactured by Hunter Stoves Ltd, Trevilla Park, Slaughterbridge, Camelford, Cornwall, PL32 9TT | Instruction manual dated 14th June 2012, reference: JINCAC05 Rev B.<br>The appliance must be fitted with a permanent stop that prevents closure of the secondary air slider beyond 30% open. | Wood logs[1] |
| Camelot 5 slimline stove manufactured by Hunter Stoves Ltd, Trevilla Park, Slaughterbridge, Camelford, Cornwall, PL32 9TT | Instruction manual dated 15th June 2012, reference: JINCAS05 Rev B | Wood logs[1] |
| Camelot 6 stove manufactured by Hunter Stoves Ltd, Trevilla Park, Slaughterbridge, Camelford, Cornwall, PL32 9TT | Instruction manual dated 24th April 2012, reference: JINCAM06 Rev B | Wood logs[1] |
| Camelot slimline 8 stove manufactured by Hunter Stoves Ltd, Trevilla Park, Slaughterbridge, Camelford, Cornwall, PL32 9TT | Instruction manual dated 27th June 2012, reference: JINCAS08 Rev B | Wood logs[1] |
| Carillon 16:9 Crystal manufactured by La Nordica S.p.A., Via Summano, 104 – 36030, Montecchio Precalcino, Vicenza, Italy | Instruction manual dated 22nd December 2010, reference: 7196755-Rev 09.<br>The appliance must be fitted with a mechanical stop to prevent closure of the secondary air control beyond the 40% open position. | Wood logs[1] |
| Carillon 4:3 manufactured by La Nordica S.p.A., Via Summano, 104 – 36030, Montecchio Precalcino, Vicenza, Italy | Instruction manual dated 22nd December 2010, reference: 7196755-Rev 09.<br>The appliance must be fitted with a mechanical stop to prevent closure of the secondary air control beyond the 40% open position. | Wood logs[1] |
| Carron 11 kW SE Stove manufactured by JIG UK Ltd, Hurlingham Business Park, Fulbeck Heath, Grantham, Lincolnshire, NG32 3HL | Instruction manual reference: Carron 11 kW Stove model September 2012 (Smoke Exempt).<br>A modification to the secondary air control preventing closure beyond 4 mm open must be implemented. | Wood logs[1] |
| Carron Dante SE manufactured by Jig UK Limited, Hurlingham Business Park, Fulbeck Heath, Grantham, Lincolnshire, NG32 3HL | Instruction manual dated 12th January 2011, reference: BHC401-406.<br>The appliance must be fitted with a system preventing the closure of the secondary air control openings beyond 14 mm. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Carron Stove manufactured by Jig UK Limited, Hurlingham Business Park, Fulbeck Heath, Grantham, Lincolnshire, NG32 3HL | Instruction manual dated July 2009, reference: 91-62351 | Dry and split wood logs of a maximum length of 23 cm[1] |
| Carron Stove SE manufactured by Jig UK Limited Hurlingham Business Park, Fulbeck Heath, Grantham, Lincolnshire, NG32 3HL | Instruction manual dated 12th January 2011, reference: BHC501-506.<br>The appliance must be fitted with a system preventing the closure of the secondary air control openings beyond 3 mm. | Wood logs[1] |
| Cast Tec Arbeia Juno freestanding wood-burning stove manufactured by Charlton & Jenrick Limited, Unit D Stafford Park 2, Telford, Shropshire, TF3 3AR | Installation and operating instructions dated June 2013, reference: Juno & Vulcan Issue 01.<br>The appliance must be fitted with a system that prevents closure of the secondary air control slots beyond the 7 mm open position. | Wood logs[1] |
| Cast Tec Arbeia Titus wood-burning inset stove manufactured by Charlton & Jenrick Limited, Unit D Stafford Park 2, Telford, Shropshire, TF3 3AR | Installation and operating instructions dated June 2013, reference: Trajan & Titus Issue 01.<br>The appliance must be fitted with a system that prevents closure of the secondary air control slots beyond the 9 mm open position. | Wood logs[1] |
| Cast Tec Arbeia Trajan wood-burning Inset Stove manufactured by Charlton & Jenrick Limited, Unit D Stafford Park 2, Telford, Shropshire, TF3 3AR | Installation and operating instructions dated June 2013, reference: Trajan & Titus Issue 01.<br>The appliance must be fitted with a system that prevents closure of the secondary air control slots beyond the 3.5 mm open position. | Wood logs[1] |
| Cast Tec Arbeia Vulcan freestanding wood-burning stove manufactured by Charlton & Jenrick Limited, Unit D Stafford Park 2, Telford, Shropshire, TF3 3AR | Installation and operating instructions dated June 2013, reference: Juno & Vulcan Issue 01.<br>The appliance must be fitted with a mechanical stop to prevent closure of the secondary air control beyond the 5 mm open position. | Wood logs[1] |

| *Fireplace* | *Conditions* | |
|---|---|---|
| CB800 Skagen manufactured by Hunter Stoves Limited, Unit 6, The Old Mill Industrial Estate, Stoke Canon, Exeter, Devon, EX5 4RJ | Instruction manual dated 6th December 2011, reference: JINHCE08 rev E.<br>Instruction manual dated 6th December 2011, reference: JINHCE08SCK rev B.<br>The appliance must be fitted with smoke control area kit JHCE080. | Wood logs[1] |
| Charnwood C-Eight Wood Burning Stove manufactured by A.J. Wells and Sons Limited, Bishops Way, Newport, Isle of Wight, PO30 5WS | Instruction manual dated September 2012, reference: C-series v2.<br>The appliance must be fitted with a mechanical stop to prevent air control opening closure beyond the 64 mm open position. | Wood logs[1] |
| Charnwood C-Five Wood Burning Stove manufactured by A.J. Wells and Sons Limited, Bishops Way, Newport, Isle of Wight, PO30 5WS | Instruction manual dated September 2012, reference: C-series v2.<br>The appliance must be fitted with a mechanical stop to prevent air control opening closure beyond the 58 mm open position. | Wood logs[1] |
| Charnwood C-Four stove manufactured by A.J Wells & Sons Ltd, Bishops Way, Newport, Isle of Wight, PO30 5WS | Instruction manual dated August 2011, reference: CFOUR V1 | Wood logs[1] |
| Charnwood Country 4 wood burning stove manufactured by AJ Wells and Sons, Bishops Way, Newport, Isle of Wight, PO30 5WS | Modification instruction manual dated January 2011, reference: TIS.95.<br>Instruction manual dated January 2011, reference: Country 4 MKII.<br>The appliance must be fitted with the manufacturer's smoke reduction kit when used within a smoke control area to fix the minimum aperture of the secondary air inlets to a minimum of 21 mm open. | Wood logs[1] |
| Charnwood Cove 1SR stove manufactured by A.J. Wells and Sons Ltd, Bishops Way, Newport, Isle of Wight, PO30 5WS | Installation and use instruction manual reference: COVE1SR01.10 Issue A.<br>An adjustment of the air control such that the minimum closure of the air control is equivalent to that found with the control pushed in 15 mm from the fully open position must be made. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Charnwood C-Seven Wood Burning Stove manufactured by A.J. Wells and Sons Limited, Bishops Way, Newport, Isle of Wight, PO30 5WS | Instruction manual dated September 2012, reference: C-series v2.<br>The appliance must be fitted with a mechanical stop to prevent air control opening closure beyond 64 mm open position. | Wood logs[1] |
| Charnwood C-Six stove manufactured by A.J. Wells & Sons Ltd, Bishops Way, Newport, Isle of Wight, PO30 5WS | Instruction manual dated March 2012, reference: Ref. C-4 C-6 v1.<br>The fitting of a system that prevents the closure of the air control opening beyond 58 mm of the open position must be implemented. | Wood logs[1] |
| Charnwood Island 1 stove manufactured by AJ Wells and Sons, Bishops Way, Newport, Isle of Wight, PO30 5WS | Instruction manual dated December 2010, reference: Island I.II.III 12.10 Issue B.<br>The appliance must be fitted with a stop bracket (kit no. 010/AY83/S) to prevent the airwash flaps at the back of the stove from being closed beyond 2 mm. | Wood logs[1] |
| Charnwood Island 2 stove manufactured by AJ Wells and Sons, Bishops Way, Newport, Isle of Wight, PO30 5WS | Instruction manual dated December 2010, reference: Island I.II.III 12.10 Issue B.<br>The appliance must be fitted with a stop bracket (kit no. 010/BY83/S) to prevent the airwash flaps at the back of the stove from being closed beyond 2 mm. | Wood logs[1] |
| Charnwood Island 3 stove manufactured by AJ Wells and Sons, Bishops Way, Newport, Isle of Wight, PO30 5WS | Instruction manual dated December 2010, reference: Island I.II.III 12.10 Issue B.<br>The appliance must be fitted with a stop bracket (kit no. 010/CY83/S) to prevent the airwash flaps at the back of the stove from being closed beyond 2 mm. | Wood logs[1] |
| Charnwood Tor Pico stove manufactured by AJ Wells and Son Ltd, Bishops Way, Newport, Isle of Wight, PO30 5WS | Instruction manual dated December 2010, reference: Tor and Tor Pico 12.10 Issue B | Wood logs[1] |
| Charnwood Tor stove manufactured by A.J Wells and Sons Ltd, Bishops Way, Newport, Isle of Wight, PO30 5WS | Installation and Use Instruction manual reference: Tor 02.10 Issue A | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Chesneys 4 Series (4.6 kW) Stoves: Flatford 4, Hampstead 4, Alpine 4 also sold as: Sunbeam 4, Dakota 4, Providence 4. Pacific 4 also sold as: Murano 4, Apollo 4. Chelsea 4 also sold as: Wellington 4, Guernsey 4, Belgravia 4 manufactured by Chesneys,194-200 Battersea Park Road, London, SW11 4ND | Chesneys 4 series Instruction manual dated 7th December 2009, reference: CH4K-V4. The appliance must be fitted with a mechanical stop to prevent closure of the air control beyond the 34 mm open position. | Wood logs[1] |
| Chesneys 6 Series (7 kW) Stoves: Flatford 6, Barrington 6, Petworth 6, Hampstead 6, Alpine 6 also sold as: Sunbeam 6, Dakota 6, Providence 6 and the Chelsea 6 also sold as: Wellington 6, Guernsey 6, Belgravia 6 manufactured by Chesneys, 194-200 Battersea Park Road, London, SW11 4ND | Chesneys 6 series Instruction manual dated 7th December 2009, reference: CH6K-V4. The appliance must be fitted with a mechanical stop to prevent closure of the air control beyond the 10 mm open position. | Wood logs[1] |
| Clean Air Systems CAS 200, 400 and 600 handfed airheaters manufactured by Inventair Ltd, Lancaster Road, Carnaby Industrial Estate, Bridlington, East Yorkshire, YO15 3QY | To be operated in accordance with the Handbook for CAS hand fired airheater range dated January 2011, reference: 24600H version 1 | Softwood, hardwood, medium density fibreboard (MDF) or chipboard offcuts[1] |
| Clean Air Systems CAS 300 Max airheater and cyclone manufactured by Inventair Ltd, Lancaster Road, Carnaby Industrial Estate, Bridlington, East Yorkshire, YO15 3QY | To be operated in accordance with the Handbook for CAS 300 Max airheater range dated January 2011, reference: 300A version 1 | Softwood, hardwood, medium density fibreboard (MDF) or chipboard offcuts[1] |
| Cleanburn CB900 Inset & Cleanburn CB900 Sønderskoven Inset, Wood burning stoves manufactured by Hunter Stoves Limited, Unit 6, The Old Mill Industrial Estate, Stoke Canon, Exeter, Devon, EX5 4RJ | Instruction manual dated 17th January 2012, reference: JINHCN09 Slider Stop Rev A. Instruction manual dated 24th January 2012, reference: JINHCN09 Rev F. The appliance must be fitted with a mechanical stop to prevent secondary air control closure beyond the 20% open position when sold into smoke control areas. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Cleanburn R4 manufactured by Hunter Stoves Limited, Unit 6, The Old Mill Industrial Estate, Stoke Canon, Exeter, Devon, EX5 4RJ | Instruction manual dated 2nd December 2011, reference: JINCLR04 Rev E.<br>Instruction manual dated 5th December 2011, reference: JINCLR04SCK rev B.<br>The appliance must be fitted with smoke control area kit JCLR0401. | Wood logs[1] |
| Cleanburn R5 inset stove manufactured by Hunter Stoves Ltd, Trevilla Park, Slaughterbridge, Camelford, Cornwall, PL32 9TT | Instruction manual dated 10th December 2012, reference: JINCLR05 Rev B.<br>Instruction manual dated 6th July 2012, reference: JINCLR05SCK rev A.<br>The appliance must be fitted with smoke control area kit JCLR0501. | Wood logs[1] |
| Cleanburn R6 inset stove manufactured by Hunter Stoves Ltd, Trevilla Park, Slaughterbridge, Camelford, Cornwall, PL32 9TT | Instruction manual dated 10th December 2012, reference: JINCLR06 rev B.<br>Instruction manual dated 6th July 2012, reference: JINCLR05SCK rev A.<br>The appliance must be fitted with smoke control area kit JCLR0501. | Wood logs[1] |
| Cleanburn Sonderskoven 5 inset stove manufactured by Hunter Stoves Ltd, Trevilla Park, Slaughterbridge, Camelford, Cornwall, PL32 9TT | Instruction manual dated 4th October 2012, reference: JINHCN05 Rev B.<br>The valve plate adjusted by the secondary air control must contain six 5 mm holes. | Wood logs[1] |
| Clearburn Junior SE stove manufactured by Dean Forge Limited, Dean Prior, Buckfastleigh, Devon, TQ11 0LS | Instruction manual dated March 2012, reference: JRSE Issue 1.<br>The appliance must be fitted with a mechanical stop to prevent secondary air control closure beyond 83 mm open position. | Wood logs[1] |
| CLM Vesuvio 400kW stone wood-fired automatic pizza oven manufactured by CLM Bakery System srl, Via Monteli, 3 – 33092 Meduno (PN), Italy and previously known as the Vesuvio 400kW automatic pizza oven manufactured by CLM srl, Via I Maggio 35, 31043 Fontanelle (Treviso), Italy | Instruction manual dated 25 July 2013 with reference "Manual English Review 2.1". | 'CalorPan' 100% beech briquette, octagonal section, length 260-300 mm, width and height 75-90 mm manufactured from dried beech sawdust[1] or 'Eden Beech Wood Briquettes' that are cylindrical and of length 247-273 mm and have a diameter of 95 mm manufactured from dried beech sawdust[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Contura 510, Contura 520T, Contura 550, Contura 550A, Contura 550W, Contura 560T, Contura 560K, Contura 570, Contura 580, Contura 585, Contura 590, Contura T, all manufactured by Nibe AB, Box 134, SE-285 23 Markaryd, Sweden | Installation instruction reference: IAV SE/EX 0726-6 611821 Lighting instruction BAV SE/EX 0717-2 611820. A permanent stop must be in place on the air inlet to prevent closure beyond the 20% open position. | Untreated dry wood with a maximum moisture content of 20% |
| Contura 556 wood-burning stove manufactured by Nibe AB, Box 134, SE-285 23 Markaryd, Sweden | User manual dated 20th October 2011, reference: 611 820 BAV C500 SE/EX – 6. Installation instruction manual dated 14th November 2012, reference: 811116 IAV SE-EX C556 – 2. Supplementary instruction manual dated August 2011, reference: 811142 BAV GB – 3. The appliance must be fitted with a system to prevent closure of the air control vent beyond the 20% open position. | Wood logs[1] |
| Contura 580W manufactured by Nibe AB, Box 134, SE-285 23 Markaryd, Sweden | Installation instruction reference: IAV SE/EX 0740-1 511911. A permanent stop must be in place on the air inlet to prevent closure beyond the 20% open position. | Untreated dry wood with a maximum moisture content of 20% |
| Contura 586 wood-burning stove manufactured by Nibe AB, Box 134, SE-285 23 Markaryd, Sweden | User manual dated 20th October 2011, reference: 611 820 BAV C500 SE/EX – 6. Installation instruction manual dated 15th November 2012, reference: 811117 1AV SE-EX C586 – 2. Supplementary instruction manual dated August 2011, reference: 811142 BAV GB – 3. The appliance must be fitted with a system to prevent closure of the air control vent beyond the 20% open position. | Wood logs[1] |
| Contura 750 manufactured by Nibe AB, Box 134, SE-285 23 Markaryd, Sweden | Instruction manual reference: 811064 BAV SE-EX C750/780-1. The appliance must be fitted with a mechanical stop to prevent closure beyond the 28% open position. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Contura 750A manufactured by Nibe AB, Box 134, SE-285 23 Markaryd, Sweden | Instruction manual reference: 811064 BAV SE-EX C750/780-1.<br>The appliance must be fitted with a mechanical stop to prevent closure beyond the 28% open position. | Wood logs[1] |
| Contura 780 manufactured by Nibe AB, Box 134, SE-285 23 Markaryd, Sweden | Instruction manual reference: 811064 BAV SE-EX C750/780-1.<br>The appliance must be fitted with a mechanical stop to prevent closure beyond the 28% open position. | Wood logs[1] |
| Contura 810, 820 T, 850, 860 T, and 880 manufactured by Nibe AB, Box 134, SE-285 23 Markaryd, Sweden | Instruction manual dated 28th June 2011, reference: 811118 BAV SE-EX C800-1.<br>Supplementary operating instructions dated June 2011, reference: 811142 BAV GB-2.<br>The appliance must be fitted with a mechanical stop to prevent air control closure beyond the 38% open position. | Wood logs[1] |
| Contura i4 FS Classic and Modern multi-fuel stoves manufactured by Nibe AB, Box 134, SE-285 23 Markaryd, Sweden | Instruction manual dated 3rd February 2012, reference 811164 BAV C i4 SE-EX-1.<br>Installation instruction manual dated 3rd June 2013, reference: 811191 IAV Ci4 FS GB-1.<br>Supplementary operating instruction manual dated August 2011, reference: 811142 BAV GB – 4.<br>The appliance must be fitted with a system to prevent closure of the air control vent beyond the 30% open position. | Wood logs[1] |
| Contura i4 Modern and Contura i4 Classic manufactured by Nibe AB, Box 134, SE-285 23 Markaryd. Sweden | Instruction manual dated 4th July 2011, reference: 811136 BAV C i4 GB-1.<br>Supplementary operating instructions dated June 2011, reference: 811142 BAV GB-2.<br>The appliance must be fitted with a mechanical stop to prevent closure beyond the 28% open position. | Dry wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Contura i5 Panorama and i5 Double Door wood-burning insert stoves manufactured by Nibe AB, Box 134, SE-285 23 Markaryd, Sweden | Installation and lighting instruction manual dated November 2012, reference: 811175 IAC SE-EX Ci5-5.<br>Additional installation instruction manual dated 14th September 2012, reference: 811188 Kompletteranda IAV Ci5 – 2.<br>Supplementary instruction manual dated August 2011, reference: 811142 BAV GB – 4.<br>The appliance must be fitted with a system to prevent closure of the air control vent beyond the 30% open position. | Wood logs[1] |
| Cove 2 SR manufactured by A.J.Wells & Sons Ltd of Bishops Way, Newport, Isle of Wight, PO30 5WS | Instruction manual dated July 2009, reference: Cove2SR 07.09 Iss B.<br>A permanent stop must be in place on air control to prevent closure beyond 14 mm from the fully closed position. | Dry and split wood logs of a maximum length of 23 cm[1] |
| Crator JS5500 multi-fuel stove manufactured by James Smellie Limited, Unit N, Leona Industrial Estate, Nimmings Road, Halesowen, West Midlands, B62 9JQ | Instruction manual dated June 2012, reference: Crator multi-fuel stove instruction manual Issue 1 | Wood logs[1] |
| CTC Ecoflex 15 and 20 manufactured by Enertech AB, Box 313, S-341 26 Ljungby, Sweden | The manufacturer's instructions dated 20th February 2007, reference: 161 505 27 06/1 | Wood pellets[1] |
| D'Alessandro GSA 130 airheater manufactured by D'Alessandro Termomeccanica, Contrada Cerreto, 55, 66010 Miglianico, Chieti, Italy | Instruction manual dated 26th June 2012, reference: 2.0-1-QGSA130XEN0612 | Wood chips[1] |
| D'Alessandro Termomeccanica CS and CSA 130, 180, 230 and 300 manufactured by D'Alessandro Termomeccanica, Contrada Cerreto, 55, 66010 Miglianico, Chieti, Italy | Instruction manual dated February 2009, reference: Ver. 2.0 - QCSA2000XEN0209 [UK SMOKE CONTROL] | Wood pellets[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| D'Alessandro Termomeccanica CS and CSA 400, 500, 650, 800, 950, 1300, 1650 and 2000 kW manufactured by D'Alessandro Termomeccanica, Contrada Cerreto, 55, 66010 Miglianico, Chieti, Italy | Instruction manual dated February 2009, reference: Ver. 2.0 - QCSA2000XEN0209 [UK SMOKE CONTROL].<br>The optional multi-cyclone must be fitted. | Wood pellets[1] |
| D'Alessandro Termomeccanica CS and CSA boilers 40, 60, 80 and 100 kW manufactured by D'Alessandro Termomeccanica, Contrada Cerreto, 55, 66010 Miglianico, Chieti, Italy | Instruction manual dated February 2009, reference: Ver. 2.0 - QCSA100XXIT0209 [UK SMOKE CONTROL] | Wood pellets[1] |
| D'Alessandro Termomeccanica CSI 20 kW manufactured by D'Alessandro Termomeccanica, Contrada Cerreto, 55, 66010 Miglianico, Chieti, Italy | Instruction manual dated February 2009, reference: Ver. 2.0 - QCSA100XXIT0209 [UK SMOKE CONTROL] | Wood pellets[1] |
| Dean Stoves Dartmoor 5 SE stove manufactured by Dean Forge Limited, Dean Prior, Buckfastleigh, Devon, TQ11 0LS | Instruction manual dated March 2012, reference: DM5 Issue 1.<br>The appliance must be fitted with a mechanical stop to prevent secondary air control closure beyond the 30% open position. | Wood logs[1] |
| Dean Stoves Dartmoor 6 SE Wood Burning Stove manufactured by Dean Forge Limited, Dean Prior, Buckfastleigh, Devon, TQ11 0LS | Operating instruction manual dated 2nd July 2013, reference: DM6 issue 1.<br>The appliance must be fitted with a mechanical stop to prevent secondary air spin wheel control closure beyond the 40% open position. | Wood logs[1] |
| Dean Stoves Dartmoor W5 SE Wood Burning Stove manufactured by Dean Forge Limited, Dean Prior, Buckfastleigh, Devon, TQ11 0LS | Operating instruction manual dated 2nd July 2013, reference: DMW5 issue 1.<br>The appliance must be fitted with a mechanical stop to prevent secondary air spin wheel control closure beyond the 40% open position. | Wood logs[1] |
| Dean Stoves Hembury 5 SE Wood Burning Stove manufactured by Dean Forge Limited, Dean Prior, Buckfastleigh, Devon, TQ11 0LS | Operating instruction manual dated 2nd July 2013, reference: HEM5SE issue.<br>The appliance must be fitted with a mechanical stop to prevent secondary air control closure beyond the 83 mm open position. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Dean Stoves Junior 105 SE Wood Burning Stove manufactured by Dean Forge Limited, Dean Prior, Buckfastleigh, Devon, TQ11 0LS | Operating instruction manual dated May 2013, reference: JR105SE Issue 1.<br>The appliance must be fitted with a mechanical stop to prevent secondary air control closure beyond the 83 mm open position. | Wood logs[1] |
| Design 800 Green, Wood Burning Stove, manufactured by Bodart & Gonay Limited, Rue De Lambinon, 3 Harze, Belgium, 4920 | Instruction manual dated November 2011, reference: 07DH8000A.<br>The appliance must be fitted with a UK kit for smokeless areas Design 800. | Wood logs[1] |
| Di Lusso R4 manufactured by Hunter Stoves Limited, Unit 6, The Old Mill Industrial Estate, Stoke Canon, Exeter, Devon, EX5 4RJ | Instruction manual dated 2nd December 2011, reference: JINDLU04 Rev E.<br>Instruction manual dated 5th December 2011, reference: JINDLU04SCK rev B.<br>The appliance must be fitted with smoke control area kit JDLU0401. | Wood logs[1] |
| Di Lusso R5 inset stove manufactured by Hunter Stoves Ltd, Trevilla Park, Slaughterbridge, Camelford, Cornwall, PL32 9TT | Instruction manual dated 10th December 2012, reference: JINDLU05 Rev B.<br>Additional instruction manual dated 6th July 2012, reference: JINDLU05SCK Rev A.<br>The appliance must be fitted with smoke control area kit JDLU0501. | Wood logs[1] |
| Di Lusso R6 inset stove manufactured by Hunter Stoves Ltd, Trevilla Park, Slaughterbridge Camelford, Cornwall, PL32 9TT | Instruction manual dated 10th December 2012, reference: JINDLU06 rev B.<br>Instruction manual dated 6th July 2012, reference: JINDLU05SCK rev A.<br>The appliance must be fitted with smoke control area kit JDLU0501. | Wood logs[1] |
| Dimplex Langbrook 5 kW Clean Burn Stove manufactured by Dimplex GDC Group Limited, Millbrook House, Grange Drive, Hedge End, Southampton, SO30 2DF | Instruction manual dated 28 June 2012, reference: 08/51568/0 – Issue 3.<br>The appliance must be fitted with a mechanical stop to prevent secondary air control slider closure beyond the 40% open position. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Dimplex SE Selborne 5 stove manufactured by ESSE Engineering Ltd, Ouzledale Foundry, Long Ing, Barnoldswick, Lancashire, BB18 6BN | Instruction manual dated August 2009, reference: SE Selborne 5 Issue 1.<br>The appliance must be fitted with a mechanical stop to prevent closure beyond the 50% open position. | Wood logs[1] |
| Dovre 250 (model DV-250) manufactured by Dovre NV, Nijverheidsstraat 18, BE-2381 Weelde, Belgium | The manufacturer's instructions, reference: PM 250 Issue 1.<br>A permanent stop must be in place on the secondary air inlet to prevent closure beyond the 75% open position. | Untreated dry wood |
| Dovre Vintage 30 (DV-VIN30, DV-VIN30WH, DV-TBVIN30 and DV-TBVIN30WH), Dovre Vintage 35 (DV-VIN35, DV-VIN35WH, DV-TBVIN35 and DV-TBVIN35WH) and Dovre Vintage 50 (DV-VIN50, DV-VIN50WH, DV-TBVIN50 and DV-TBVIN50WH) stoves manufactured by Dovre N.V. Nijverheidsstraat 18, B-2381 Weelde, Belgium | Instruction manual dated April 2011, reference: 03.27681.100.<br>Instruction manual dated May 2012, reference: PM813 Issue 1.<br>The appliance must be fitted with a permanent stop preventing closure of the secondary air supply beyond 50%. | Wood logs[1] |
| Earlswood manufactured by ACR Heat Products Limited, Unit One Weston Works, Weston Lane, Tyseley, Birmingham, B11 3RP | Instruction manual dated February 2009, reference: EW1MF technical manual.<br>When the primary air control is in the closed position, it must remain permanently open by 5 mm and must be prevented from closing fully by a screw. | Wood logs[1] |
| Ecco Stove E580 manufactured by Landy Vent UK Limited, Foster House, 2 Redditch Road, Studley, Warwickshire, B80 7AX | Instruction manual dated 12th December 2011, reference: Ecco Stove 580 manual. | Wood logs[1] |
| Ecco Stove E678 manufactured by Landy Vent UK Ltd, Foster House, 2 Redditch Road, Studley, Warwickshire, B80 7AX | Instruction manual dated 28th January 2011, reference: 01/11/3.<br>The appliance must be fitted with a system to fix the secondary air (airwash) to a 4 mm open position. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
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| Ecco Stove E850 manufactured by Landy Vent UK Ltd, Foster House, 2 Redditch Road, Studley, Warwickshire, B80 7AX | Instruction manual dated 10th October 2010, reference: 02/10. The appliance must be fitted with a system that prevents the closure of the secondary air flaps beyond 4 mm (3 turns). | Wood logs[1] |
| Ecofire Barbara wood pellet stove boiler manufactured by Palazzetti Lelio S.p.A, Via Roveredo 103, Porcia (PN), 33080, Italy | Instruction manual dated October 2011, reference: cod. 004770900. Supplementary information entitled "Clean Air Act 1993 and Smoke Control Areas" dated January 2012, reference: 004723000. | Wood pellets[1] |
| Ecofire Giulia Idro, Ecofire Kelly Idro Plus and Ecofire Tania Idro wood pellet stove boilers manufactured by Palazzetti Lelio S.p.A, Via Roveredo 103, Porcia (PN), 33080, Italy | Instruction manual dated February 2011, reference: cod. 004770432. Supplementary information entitled "Clean Air Act 1993 and Smoke Control Areas" dated January 2012, reference: 004723000. | Wood pellets[1] |
| Eco-Ideal Eco 1 Stove manufactured by Hunter Stoves Limited, unit 6, Old Mill Industrial Estate, Stoke Canon, Exeter, Devon, EX5 4RJ | Instruction manual dated 20th July 2011, reference: JINECO01 rev C. The appliance must be fitted with a permanent stop that prevents closure of the secondary air slider beyond 30% open. | Dry wood logs[1] |
| Eco-Ideal Eco 2 Stove manufactured by Hunter Stoves Limited, unit 6, Old Mill Industrial Estate, Stoke Canon, Exeter, Devon, EX5 4RJ | Instruction manual dated 20th July 2011, reference: JINECO02 rev C. The appliance must be fitted with a permanent stop that prevents closure of the secondary air slider beyond 30% open. | Dry wood logs[1] |
| Eco-Ideal Eco 4 Stove manufactured by Hunter Stoves Limited, unit 6, Old Mill Industrial Estate, Stoke Canon, Exeter, Devon, EX5 4RJ | Instruction manual dated 20th July 2011, reference: JINECO04 rev C | Dry wood logs[1] |
| Eco-Ideal Eco 6 Stove manufactured by Hunter Stoves Limited, unit 6, Old Mill Industrial Estate, Stoke Canon, Exeter, Devon, EX5 4RJ | Instruction manual dated 20th July 2011, reference: JINECO06 rev C | Dry wood logs[1] |
| E-Compact 15 wood pellet boiler manufactured by Wood Energy Solutions, Donaskeigh, Tipperary, Co. Tipperary, Ireland | Instruction manual dated May 2012, reference: E-COMPACT 15 Outdoor Pellet Boiler v1.5 | 6 mm wood pellets[1] |

| *Fireplace* | *Conditions* | |
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| E-Compact 28 Pellet Boiler manufactured by Wood Energy Solutions Limited, Donaskeigh, Tipperary, Co. Tipperary, Ireland | Instruction manual dated July 2012, reference: Installation & Operation Manual V.2.1 | 6 mm Wood logs[1] |
| Ecowarm Crystal 6 (also known as Ekol Crystal 8) manufactured by Saltfire Stoves Ltd, Station Works, Johns Road, Wareham, BH20 4BG | Instruction manual dated 24th January 2011, reference: ECO7operation-Revision 2A | Wood logs[1] |
| Ekol Clarity 5 wood-burning stove manufactured by Saltfire Stoves Ltd, Station Works, Johns Road, Wareham, BH20 4BG | Installation and operating instruction manual dated 4th July 2013, reference: Ekol Clarity 5 Manual 1.0.<br>The appliance must be modified to allow ingress of air through the secondary air control.<br>The appliance must be fitted with a stop in the tertiary air system to maintain a gap of 4 mm between the circular plates and the openings at the rear of the appliance measured by the maximum aperture resulting from the opening. | Wood logs[1] |
| Ekol Clarity 8 wood-burning stove manufactured by Saltfire Stoves Ltd, Station Works, Johns Road, Wareham, BH20 4BG | Installation and operating instruction manual dated 4th July 2013, reference: Ekol Clarity 8 Manual 1.0 | Wood logs[1] |
| Ekol Clarity 12 wood-burning stove manufactured by Saltfire Stoves Ltd, Station Works, Johns Road, Wareham, BH20 4BG | Installation and operating instruction manual dated 4th July 2013, reference: Ekol Clarity 12 Manual 1.0.<br>The appliance must be modified to allow ingress of air through the secondary air control.<br>The appliance must be fitted with a stop in the tertiary air system to maintain a gap of 4 mm between the circular plates and the openings at the rear of the appliance measured by the maximum aperture resulting from the opening. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
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| Ekol Clarity Double Sided wood-burning stove manufactured by Saltfire Stoves Ltd, Station Works, Johns Road, Wareham, BH20 4BG | Installation and operating instruction manual dated 4th July 2013, reference: Ekol Clarity Double Sided Manual 1.0.<br>The appliance must be modified so that when the primary and secondary air controls are fully closed they will be fixed in the 3.5 mm open position.<br>A tertiary air control system comprising two 7 mm holes on each side of the appliance and a fixed opening of 4 $cm^2$ on the underside of the stove must be implemented. | Wood logs[1] |
| Ekol Inset 5 wood-burning inset stove manufactured by Saltfire Stoves Ltd, Station Works, Johns Road, Wareham, BH20 4BG | Installation and operating instruction manual dated 4th July 2013, reference: Ekol Inset 5 Manual 1.0.<br>The appliance must be modified so that when the secondary air supply is fully closed it will be fixed in the 4 mm open position. | Wood logs[1] |
| Ekol Inset 8 wood-burning inset stove manufactured by Saltfire Stoves Ltd, Station Works, Johns Road, Wareham, BH20 4BG | Installation and operating instruction manual dated 4th July 2013, reference: Ekol Inset 8 Manual 1.0 | Wood logs[1] |
| Ellipse manufactured by La Nordica S.p.A., Via Summano, 104 – 36030, Montecchio Precalcino, Vicenza, Italy | Instruction manual dated 22nd December 2010, reference: 7196901-Rev 09.<br>The appliance must be fitted with a mechanical stop to prevent closure of the secondary air control beyond the 40% open position | Wood logs[1] |
| Endress USF-W 1000 manufactured by Endress Holzfeuerungsanlagen GmbH, Industriestraße 18, D-91593 Burgbernheim | Instruction manual entitled "Operating and Maintenance manual Endress USF –W1000" dated March 2010, reference: EMAN – USFW1000 | Wood chips and pellets[1] |
| Endress USF-W 250 manufactured by Endress Holzfeuerungsanlagen GmbH, Industriestraße 18, D-91593 Burgbernheim | Instruction manual entitled "Operating and Maintenance manual Endress USF –W250" dated March 2010, reference: EMAN – USFW250 | Wood chips and pellets[1] |
| Endress USF-W 350 manufactured by Endress Holzfeuerungsanlagen GmbH, Industriestraße 18, D-91593 Burgbernheim | Instruction manual entitled "Operating and Maintenance manual Endress USF –W350" dated March 2010, reference: EMAN – USFW350 | Wood chips and pellets[1] |

| *Fireplace* | *Conditions* | |
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| Endress USF-W 500 manufactured by Endress Holzfeuerungsanlagen GmbH, Industriestraße 18, D-91593 Burgbernheim | Instruction manual entitled "Operating and Maintenance manual Endress USF –W500" dated March 2010, reference: EMAN – USFW500 | Wood chips and pellets[1] |
| Endress USF-W 800 manufactured by Endress Holzfeuerungsanlagen GmbH, Industriestraße 18, D-91593 Burgbernheim | Instruction manual entitled "Operating and Maintenance manual Endress USF –W800" dated March 2010, reference: EMAN – USFW800 | Wood chips and pellets[1] |
| Endress VR-S 300 manufactured by Endress Holzfeuerungsanlagen GmbH, Industriestraße 18, D-91593 Burgbernheim | Instruction manual entitled "Operating and Maintenance manual Endress VR-S300" dated March 2010, reference: EMAN – VRS300 | Wood chips and pellets[1] |
| Endress VR-W 400 manufactured by Endress Holzfeuerungsanlagen GmbH, Industriestraße 18, D-91593 Burgbernheim | Instruction manual entitled "Operating and Maintenance manual Endress VR –W400" dated March 2010, reference: EMAN – VRW400 | Wood chips and pellets[1] |
| Endress VR-W 600 manufactured by Endress Holzfeuerungsanlagen GmbH, Industriestraße 18, D-91593 Burgbernheim | Instruction manual entitled "Operating and Maintenance manual Endress VR-W600" dated March 2010, reference: EMAN – VRW600 | Wood chips and pellets[1] |
| Endress VR-W 900 manufactured by Endress Holzfeuerungsanlagen GmbH, Industriestraße 18, D-91593 Burgbernheim | Instruction manual entitled "Operating and Maintenance manual Endress VR-W900" dated March 2010, reference: EMAN – VRW900 | Wood chips and pellets[1] |
| EOS 30 346 kW output wood pellet boiler with multicyclone manufactured by : Uniconfort srl, Via dell'Industria 21, 35018, San Martino Di Lupari (PD) Italy | Use and Maintenance manual dated July 2011, reference: Uniconfort EOS30 Manual v1 | Wood pellets[1] |
| EOS 35 407 kW output wood pellet boiler with multicyclone manufactured by : Uniconfort srl, Via dell'Industria 21, 35018, San Martino Di Lupari (PD) Italy | Use and Maintenance manual dated July 2011, reference: Uniconfort EOS35 Manual v1 | Wood pellets[1] |
| EOS 40 464 kW output wood pellet boiler with multicyclone manufactured by : Uniconfort srl, Via dell'Industria 21, 35018, San Martino Di Lupari (PD) Italy | Use and Maintenance manual dated July 2011, reference: Uniconfort EOS40 Manual v1 | Wood pellets[1] |
| EOS 60 700 kW output wood pellet boiler with multicyclone manufactured by Uniconfort sri, Via dell'Industria 21, 35018 San Martino Di Lupari (PD) Italy | Installation Instruction manual dated September 2010, reference: K135-07332 Uniconfort MUN v 2 | 6 mm diameter wood pellets[1] |



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| *Fireplace* | *Conditions* | |
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| Esse 100DD SE 5 kW stove manufactured by Esse Engineering Limited, Ouzedale Foundry, Long Ing, Barnoldswick, BB18 6BN | Instruction manual dated October 2011, reference: 10/11 (PP) INSTR.ST-100DDSE/u. The fitting of a system to prevent closure of the air controls beyond the 50% open position must be implemented. | Wood logs[1] |
| Esse 125 SE Stove manufactured by ESSE Engineering Ltd, Ouzledale Foundry, Long Ing, Barnoldswick, Lancashire, BB18 6BN | Instruction manual dated August 2009, reference: Esse 125SE Issue 1. The appliance must be fitted with a mechanical stop to prevent closure beyond the 50% open position. | Wood logs[1] |
| Esse 1622 inset stove manufactured by Esse Engineering Limited, Long Ing, Barnoldswick, Lancashire, BB18 6BN | Installation and operation manual dated July 2010, reference: 1622/Integra INSET revision c. The appliance must be fitted with a mechanical stop to fix secondary air control fully open. | Wood logs[1] |
| Esse 301 SE Stove manufactured by ESSE Engineering Ltd, Ouzledale Foundry, Long Ing, Barnoldswick, Lancashire, BB18 6BN | Instruction manual dated 9th November 2010, reference: v45. The primary air control must not be fully air tight when closed. | Wood logs[1] |
| Esse 350 SE Stove manufactured by ESSE Engineering Ltd, Ouzledale Foundry, Long Ing, Barnoldswick, Lancashire, BB18 6BN | Instruction manual dated 9th November 2010, reference: v45 | Wood logs[1] |
| ETA HACK 20, 25, 35, 50, 70, 90, 130 and 200 woodchip boilers manufactured by ETA Heiztechnik GmbH, A 4716, Hofkirchen an der Trattnach, Gewerbepark 1, Austria | Instruction manual dated June 2011, reference: HACK20-200_Bedienung_2011-06_EN. Integrated flue gas recirculation system must be used when using wood chips with a moisture content below 15%. | Wood chips[1] |
| ETA HACK 20, 25, 35, 50, 70, 90, 130 and 200 woodchip boilers manufactured by ETA Heiztechnik GmbH, A 4716, Hofkirchen an der Trattnach, Gewerbepark 1, Austria | Instruction manual dated June 2011, reference: HACK20-200_Bedienung_2011-06_EN. Integrated flue gas recirculation system must be used when burning wood pellets . | Wood pellets[1] |
| ETA PC 20, 25 and 32 wood pellet boilers manufactured by ETA Heiztechnik GmbH, A 4716, Hofkirchen an der Trattnach, Gewerbepark 1, Austria | Instruction manual dated June 2011, reference: PC20-32_Bedienung_2011-06_EN | Wood pellets[1] |



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| *Fireplace* | *Conditions* | |
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| ETA PE-K 35, 50, 70 and 90 wood pellet boilers manufactured by ETA Heiztechnik GmbH, A 4716, Hofkirchen an der Trattnach, Gewerbepark 1, Austria | Instruction manual dated June 2011, reference: PE-K35-90_Bedienung_2011-06_EN | Wood pellets[1] |
| ETA PU 7, 11 and 15 wood pellet boilers manufactured by ETA Heiztechnik GmbH, A 4716, Hofkirchen an der Trattnach, Gewerbepark 1, Austria | Instruction manual dated June 2011, reference: PU7-15_Bedienung_2011-06_EN | Wood pellets[1] |
| ETA SH 20, 30, 40, 50 and 60 wood gasification boilers manufactured by ETA Heiztechnik GmbH, A 4716, Hofkirchen an der Trattnach, Gewerbepark 1, Austria | Instruction manual dated June 2011, reference: SH20-60_Bedienung_2011-06_EN | Wood logs[1] |
| eVolution 26 boiler stove manufactured by Broseley Fires Ltd, Knights Way , Battlefield Enterprise Park, Shrewsbury, Shropshire, SY1 3AB | Instruction manual dated 9th January 2012, reference: MS10-11c.<br>The appliance must be fitted with a mechanical stop to prevent closure beyond the 40% open position when sold into smoke control areas. | Wood logs[1] |
| eVolution 4 Inset manufactured by Broseley Fires Limited, Knights Way, Battlefields Enterprise Park, Shrewsbury, Shropshire, SY1 3AB | Instruction manual dated 9th November 2011, reference: eVo 4&7 Inset MS11-11.<br>The appliance must be fitted with a system to prevent closure of the secondary air control beyond the 15 mm open position. | Wood logs[1] |
| eVolution 5 model number M-EVO5 manufactured by Broseley Fires Limited, Knights Way, Battlefield Enterprise Park, Shrewsbury, Shropshire, SY1 3AB | Instruction manual dated 8th July 2011, reference: eVo 5 MS07-11.<br>The appliance must be fitted with a system that prevents the closure of the air control to less than 70% open | Wood logs[1] |
| eVolution 7 Inset manufactured by Broseley Fires Limited, Knights Way, Battlefields Enterprise Park, Shrewsbury, Shropshire, SY1 3AB | Instruction manual dated 9th November 2011, reference: eVo 4&7 Inset MS11-11.<br>The appliance must be fitted with a system to prevent closure of the secondary air control beyond the 8 mm open position. | Wood logs[1] |
| Evotherm P50, P100, P120, P150, P170, P200 pellet boilers manufactured by Evotherm, Heiztechnik Vertriebs GmbH, Seeleiten 24, AT 5120, St Pantaleon, Austria | The manufacturer's instructions entitled "Operating manual", reference: Version 1/2010/Rev 4.21 | Wood pellets[1] |



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| *Fireplace* | *Conditions* | |
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| FDC5 Stove manufactured by Charlton & Jenrick Ltd, Unit D Stafford Park 2, Telford, Shropshire, TF3 3AR | Instruction manual dated April 2012, reference: FDC Issue 02. The fitting of a system that prevents closure of the secondary air control slots beyond the 3.5 mm open position must be implemented. | Wood logs[1] |
| FDC5i inset stove manufactured by Charlton & Jenrick Ltd, Unit D Stafford Park 2, Telford, Shropshire, TF3 3AR. | Instruction manual dated March 2012, reference: FDCi Issue 06. The fitting of a system that prevents closure of the secondary air control slots beyond the 3.5 mm open position must be implemented. | Wood logs[1] |
| FDC5iT Taper inset stove manufactured by Charlton & Jenrick Ltd. Unit D Stafford Park 2, Telford, Shropshire, TF3 3AR. | Instruction manual dated April 2012, reference: FDCiT Issue 1. The fitting of a system that prevents closure of the secondary air control slots beyond the 5 mm open position must be implemented. | Wood logs[1] |
| FDC5iW Wide inset stoves manufactured by Charlton & Jenrick Ltd, Unit D Stafford Park 2, Telford, Shropshire, TF3 3AR. | Instruction manual dated March 2012, reference: FDCi Issue 06. The fitting of a system that prevents closure of the secondary air control slots beyond the 9 mm open position must be implemented. | Wood logs[1] |
| FDC5W Wide stove manufactured by Charlton & Jenrick Ltd, Unit D Stafford Park 2, Telford, Shropshire, TF3 3AR | Instruction manual dated April 2012, reference: FDC Issue 02. The fitting of a system that prevents closure of the secondary air control slots beyond the 7 mm open position must be implemented. | Wood logs[1] |
| FDC 8 Freestanding Wood Burning Stove manufactured by Charlton & Jenrick Limited, Unit D Stafford Park 2, Telford, Shropshire, TF3 3AR | Instruction manual dated July 2012, reference: FDC issue 03. The appliance must be fitted with a mechanical stop to prevent secondary air control closure beyond the 5 mm open position. | Wood logs[1] |
| FDC 8i Inset Wood Burning Stove manufactured by Charlton & Jenrick Limited, Unit D Stafford Park 2, Telford, Shropshire, TF3 3AR | Instruction manual dated July 2012, reference: FDCi issue 03. The appliance must be fitted with a mechanical stop to prevent secondary air control closure beyond the 1 mm open position. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Fireball manufactured by La Nordica S.p.A., Via Summano, 104 – 36030, Montecchio Precalcino, Vicenza, Italy | Instruction manual dated 22nd December 2010, reference: 7196801-Rev 07.<br>The appliance must be fitted with a mechanical stop to prevent closure of the secondary air control beyond the 40% open position. | Wood logs[1] |
| Firefox 5 Clean Burn II, Gallery Classic 5 Clean Burn, Sirius 405 Clean Burn and Sirius 405 Classic Clean Burn manufactured by Percy Doughty & Co Limited, Imperial Point, Express Trading Estate, Stone Hill Road, Farnworth, Bolton, BL4 9TN | Instruction manual dated June 2011, reference: FF5CBII REV:A.<br>The appliance must be fitted with a mechanical stop to prevent secondary air closure beyond the 50% open position. | Dry wood logs[1] |
| Firefox 5CB, Vega 100CB, Sirius 405CB and Flame 5CB (4.9 kW) stoves manufactured by Percy Doughty & Co Limited, Imperial Point, Express Trading Estate, Stone Hill Road, Farnworth, Bolton, BL4 9TN | Instruction manual dated January 2010, reference: FFXCBA | Wood logs[1] |
| Firefox 8 Clean Burn, Gallery Classic 8 Clean Burn, Sirius 545 Clean Burn and Sirius 545 Classic Clean Burn manufactured by Percy Doughty & Co Limited, Imperial Point, Express Trading Estate, Stone Hill Road, Farnworth, Bolton, BL4 9TN | Instruction manual dated June 2011, reference: FF8CB REV:A.<br>The appliance must be fitted with a mechanical stop to prevent secondary air closure beyond the 50% open position. | Dry wood logs[1] |
| Fireglow Eco 7 manufactured by Saltfire Stoves Ltd, Station Works, John's Road, Wareham, BH20 4BG | Instruction manual dated 24th January 2011, reference: ECO7 operation-Revision 2A | Wood logs[1] |
| Fireline Fgi5 stove manufactured by Charlton & Jenrick Ltd, Unit D Stafford Park 2, Telford, Shropshire, TF3 3AR | Instruction manual dated March 2012, reference: Fgi.Fpi.Fxi Issue 06.<br>The fitting of a system that prevents closure of the secondary air control slots beyond the 3.5 mm open position must be implemented. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Fireline Fgi8, Fxi8, & Fpi8 Cassette Inset Wood Burning Stoves manufactured by Charlton & Jenrick Limited, Unit D Stafford Park 2, Telford, Shropshire, TF3 3AR | Instruction manual dated July 2012, reference: Fgi.Fpi.Fxi issue 07.<br>The appliance must be fitted with a mechanical stop to prevent secondary air control closure beyond the 1 mm open position. | Wood logs[1] |
| Fireline FP5, Fireline FX5, Fireline Fpi 5 kW and Fireline Fxi 5 kW manufactured by Charlton & Jenrick Ltd, Unit D Stafford Park 2, Telford, Shropshire,TF3 3AR | Instruction manual dated March 2010, reference: Issue 03.<br>The appliance must be fitted with a system that prevents the closure of the secondary air control beyond the 3.5 mm open position. | Wood logs[1] |
| Fireline FP5W and FX5W Freestanding stove manufactured by Charlton & Jenrick Ltd, Unit D Stafford Park 2, Telford, Shropshire, TF3 3AR. | Instruction manual dated March 2012, reference: FX.FP.Issue 06.<br>The fitting of a system that prevents closure of the secondary air control slots beyond the 7 mm open position must be implemented. | Wood logs[1] |
| Fireline Fpi5T, Fgi5T, Fxi5T Taper inset stoves manufactured by Charlton & Jenrick Ltd, Unit D Stafford Park 2, Telford, Shropshire, TF3 3AR | Instruction manual dated March 2012, reference: FxiT.FpiT.FgiT Issue 01.<br>The fitting of a system that prevents closure of the secondary air control slots beyond the 5 mm open position must be implemented. | Wood logs[1] |
| Fireline Fpi5W, Fgi5W, Fxi5W Wide inset stoves manufactured by Charlton & Jenrick Ltd, Unit D Stafford Park 2, Telford, Shropshire, TF3 3AR | Instruction manual dated March 2012, reference: Fgi.Fpi.Fxi Issue 06.<br>The fitting of a system that prevents closure of the secondary air control slots beyond the 9 mm open position must be implemented. | Wood logs[1] |
| Fireline FX8 & FP8 Freestanding Wood Burning Stoves manufactured by Charlton & Jenrick Limited, Unit D Stafford Park 2, Telford, Shropshire, TF3 3AR | Instruction manual dated September 2012, reference: FX.FP. Issue 08.<br>The appliance must be fitted with a mechanical stop to prevent secondary air control closure beyond the 5 mm open position. | Wood logs[1] |
| Firematic 25, 50, 90 and 150 manufactured by HERZ Armaturen Ges.m.b.H, Geschäftsbereich HERZ, Feuerungstechnik, A-8272 Sebersdorf 138, Austria | The manufacturer's instructions dated June 2005, reference: Bedienungsanleitung Firematic V 1.1 ENG doc | Chipped wood, wood pellets or planed wood shavings[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Firematic 45 and 60 manufactured by HERZ Armaturen Ges.m.b.H, Geschäftsbereich HERZ Feuerungstechnik, A-8272 Sebersdorf 138, Austria | Instruction manual dated August 2009, reference: 05.007 Operating instructions – FM (1Ph) 20 35 45 60 v2.3 | Wood pellets conforming to ÖNORM M7135 with diameter of 6 mm or wood chips up to a maximum size of 50 mm and maximum water content 35%[(1)] |
| Firematic FM 130, FM 151, FM180, FM199 boilers manufactured by Herz Energietechnik GmbH, Herzstraße, 1, 7423 Pinkafeld, Österreich/Austria | Instruction manual reference: Operating Instructions Herz firematic 130 – 199 BioControl version Betriebsanleitung firematic 20-201 BioControl Englisch V 3.1 | Wood chips and wood pellets[(1)] |
| Firenzo Aucklander stove manufactured by Firenzo Woodfires UK Limited, 98 Niven Street, Napier 4142, New Zealand | Instruction manual dated 15th January 2013, reference: AL. Instruction manual dated 1st February 2013, reference: AU. The appliance must be fitted with a mechanical stop to prevent air control slots closure beyond the 6.5 mm open position. | Wood logs[(1)] |
| Firenzo Bronte stove manufactured by Firenzo Woodfires UK Limited, 98 Niven Street, Napier 4142, New Zealand | Instruction manual dated 15th January 2013, reference: B1. Instruction manual dated 1st February 2013, reference: BU. The appliance must be fitted with a mechanical stop to prevent air control slots closure beyond the 6.5 mm open position. | Wood logs[(1)] |
| Firenzo Contessa stove manufactured by Firenzo Woodfires UK Limited, 98 Niven Street, Napier 4142, New Zealand | Instruction manual dated 15th January 2013, reference: CI. Instruction manual dated 1st February 2013, reference: CU. The appliance must be fitted with a mechanical stop to prevent air control slots closure beyond the 6 mm open position. | Wood logs[(1)] |
| Firenzo Lady Kitchener stove manufactured by Firenzo Woodfires UK Limited, 98 Niven Street, Napier 4142, New Zealand | Instruction manual dated 15th January 2013, reference: LKI. Instruction manual dated 1st February 2013, reference: LKU. The appliance must be fitted with a mechanical stop to prevent air control slots closure beyond the 6.5 mm open position. | Wood logs[(1)] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Firenzo Wellingtonian stove manufactured by Firenzo Woodfires UK Limited, 98 Niven Street, Napier 4142, New Zealand | Instruction manual dated 15th January 2013, reference: WI. Instruction manual dated 1st February 2013, reference: WU. The appliance must be fitted with a mechanical stop to prevent air control slots closure beyond the 6.5 mm open position. | Wood logs[1] |
| Firestorm 10 SE stove manufactured by The Heat Resistant Glass Company Limited, Unit 2 Bracewell Avenue, Poulton Industrial Estate, Poulton Le Fylde, FY6 8JF | Instruction manual dated 28th April 2012, reference: 10 KW SE Issue (6928) 2. The appliance must be fitted with a stop that will only allow a minimum air gap 6 mm between the air control plate and the appliance when the secondary air is turned down to its minimum position. | Wood logs[1] |
| Firestorm 4.5 SE stove manufactured by The Heat Resistant Glass Company Limited, Unit 2 Bracewell Avenue, Poulton Industrial Estate, Poulton Le Fylde, FY6 8JF | Instruction manual dated 28th April 2012, reference: 4.5 KW SE Issue (6928) 1. The appliance must be fitted with a stop that will only allow a minimum 3 mm air gap between the air control plate and the appliance when the secondary air is turned down to its minimum position. | Wood logs[1] |
| Firestorm 6.5 SE stove manufactured by The Heat Resistant Glass Company Limited, Unit 2 Bracewell Avenue, Poulton Industrial Estate, Poulton Le Fylde, FY6 8JF | Instruction manual dated 28th April 2012, reference: 6.5 KW SE Issue (6928) 3. The appliance must be fitted with a stop that will only allow a minimum air gap 6 mm between the air control plate and the appliance when the secondary air is turned down to its minimum position. | Wood logs[1] |
| Firewarm 06C inset stove manufactured by Heat Design, 30 Hawthorn Road, Western Industrial Estate, Naas Road, Dublin 12, Ireland | Instruction manual dated 26th July 2012, reference: FW06C. A permanent stop to prevent closure of the secondary air control beyond 20% open must be implemented. | Wood logs[1] |
| Firewarm 11C inset stove manufactured by Heat Design, 30 Hawthorn Road, Western Industrial Estate, Naas Road, Dublin 12, Ireland | Instruction manual dated 26th July 2012, reference: FW11C. A permanent stop to prevent closure of the secondary air control beyond 20% open must be implemented. | Wood logs[1] |

| *Fireplace* | *Conditions* | |
|---|---|---|
| Firewarm 4SE stove manufactured by Heat Design, 30 Hawthorn Road, Western Industrial Estate, Naas Road, Dublin 12, Ireland | Instruction manual dated 25th July 2012, reference: FW468SE. The fitting of a system to prevent closure of the secondary air control beyond 5 mm open must be implemented. | Wood logs[1] |
| Firewarm 6SE stove manufactured by Heat Design, 30 Hawthorn Road, Western Industrial Estate, Naas Road, Dublin 12, Ireland | Instruction manual dated 25th July 2012, reference: FW468SE. The fitting of a system to prevent closure of the secondary air control beyond 75% from closed must be implemented. | Wood logs[1] |
| Firewarm 8SE stove manufactured by Heat Design, 30 Hawthorn Road, Western Industrial Estate, Naas Road, Dublin 12, Ireland | Instruction manual dated 25th July 2012, reference: FW468SE. The fitting of a system to prevent closure of the secondary air control beyond 25% from closed must be implemented. | Wood logs[1] |
| Firewarm FW5i Multi-fuel inset stove manufactured by Heat Design, 30 Hawthorn Road, Western Industrial Estate, Naas Road, Dublin 12, Ireland | Installation and operating instruction manual dated 2nd May 2013, reference: FW5i. The appliance must be fitted with a mechanical stop to prevent closure of the secondary air control beyond the 3.5 mm open position. | Wood logs[1] |
| Flatford 5K, Barrington 5K, Hampstead 5K Wood Burning Stoves manufactured by Chesneys Limited, 192 – 200 Battersea Park Road, London, SW11 4ND | Instruction manual dated 14th March 2012, reference: CH5K – V1. The appliance must be fitted with a mechanical stop to prevent closure of the secondary air control beyond the 18 mm open position. | Wood logs[1] |
| Franco Belge Model 134 08 11 Savoy EA 8 kW output wood burning stove; Franco Belge Model 134 08 09 Savoy Mk II Elegance multifuel stove with KEA 13408 smoke control kit manufactured by Franco Belge, Staub Fonderie SA, Rue Orphée Variscotte, 59660, Merville, France | The Savoy EA Technical, Manual reviewed 9th July 2009, reference: 1290-1 | Wood logs[1] |
| Franco Belge Montfort MK2 wood burning stove manufactured by Franco Belge, Staub Fonderie SA, Rue Orphée Variscotte, 59660, Merville, France | Instruction manual dated 17th November 2009, reference: 1295-3. The appliance must be fitted with a mechanical stop to prevent closure of the secondary air control beyond the 25% open position. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Fröling Lambdamat Commercial wood chip boiler models 500, 750 and 1000 manufactured by Fröling Heizkessel und Behälterbau GmbH, A-4710 Grieskirchen, Industriestrasse 12, Austria | Lambdamat Communal Operating and Installation Manual reference: B 069 01 04 of February 2004 | Wood chips[1] |
| Fröling P4 8, 15, 20, 25, 32, 38, 48 and 60 Pellet Boilers manufactured by Fröling Heizkessel und Behälterbau GmbH, A-4710 Grieskirchen, Industriestrasse 12, Austria | Instruction manual dated July 2009, reference: B0430408_en | Wood pellets with a diameter of 6 mm[1] |
| Fröling P4 80 and P4 100 wood pellet boilers manufactured by Fröling Heizkessel und Behälterbau GmbH, A-4710 Grieskirchen, Industriestrasse 12, Austria | Instruction manual dated May 2012, reference: B043 – Version 8 | Wood pellets[1] |
| Fröling S4 Turbo 15 15 kW, Fröling S4 Turbo 22 22 kW, Fröling S4 Turbo 28 28 kW, Fröling S4 Turbo 34 34 kW, Fröling S4 Turbo 40 40 kW, Fröling S4 Turbo 50 50 kW, Fröling S4 Turbo 60 60 kW manufactured by Fröling Heizkessel und Behälterbau GmbH, A-4710 Grieskirchen, Industriestrasse 12, Austria | Assembly instruction manual dated November 2008, reference: M0970208.<br>Operating instruction manual dated November 2008, reference: B0510108. | Wood logs[1] |
| Fröling T4 24, 30, 40, 50, 60, 75, 90, 100 and 110 kW boilers manufactured by Fröling Heizkessel und Behälterbau GmbH, A-4710 Grieskirchen, Industriestrasse 12, Austria | Instruction manual dated May 2012, reference: B071 – Version 05 | Wood pellets or wood chips [1] |
| Fröling Turbomat 150 and 220 manufactured by Fröling Heizkessel und Behälterbau GmbH, A-4710 Grieskirchen, Industriestrasse 12, Austria | The manufacturer's operating instructions dated August 2003, reference: V0310003 | Wood pellets or wood chips[1] |
| Fröling Turbomat 320 and 500 manufactured by Fröling Heizkessel und Behälterbau GmbH, A-4710 Grieskirchen, Industriestrasse 12, Austria | The manufacturer's operating instructions dated November 2004, reference: B0340004 | Wood pellets or wood chips[1] |
| Fröling Turbomatic 28, 35, 48 and 55 manufactured by Fröling Heizkessel und Behälterbau GmbH, A-4710 Grieskirchen, Industriestrasse 12, Austria | The manufacturer's installation manual dated November 2003, reference: M 060 01 03<br><br>The manufacturer's operating manual dated August 2002, reference: 99229a | Wood chip less than 35% moisture content and meeting ÖNORM M 7133: 1998 size class G30[1]<br>Wood pellets of 6 mm diameter and a moisture content below 10%[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Fröling Turbomatic 85, 100 and 110 manufactured by Fröling Heizkessel und Behälterbau GmbH, A-4710 Grieskirchen, Industriestrasse 12, Austria | The manufacturer's instruction manual dated November 2003, reference: M 060 01 03.<br><br>The manufacturer's operating manual dated August 2002, reference: 99229a. | Wood chip less than 35% moisture content and meeting ÖNORM M 7133: 1998 of either size class G30 or G50[(1)]<br>Wood pellets of 6 mm diameter and a moisture content below 10%[(1)] |
| Fröling TX 200 199 kW and TX 250 250 kW boilers with Exhaust Gas Recirculation device manufactured by Fröling Heizkessel und Behälterbau GmbH, A-4710 Grieskirchen, Industriestrasse 12, Austria | Instruction manual dated May 2012, reference: B067 – Version 03 | Wood chips or wood pellets[(1)] |
| Fröling TX150 150 kW boiler with Exhaust Gas Recirculation device manufactured by Fröling Heizkessel und Behälterbau GmbH, A-4710 Grieskirchen, Industriestrasse 12, Austria | Installation instruction manual dated September 2010, reference: M1130009.<br>Operating instruction manual dated September 2010, reference: B 067 00 09. | Wood chips with a maximum moisture content of 30% and a maximum cross sectional area of 5 $cm^2$ or wood pellets with a minimum moisture content of 10% and a maximum diameter of 10 mm[(1)] |
| Future Fires Panoramic FX1 manufactured by Gen-Fab Limited, Swinton Bridge Industrial Estate, Whitelee Road, Swinton, S64 8BH | Instruction manual dated 31st October 2012, reference: PANFXREV2 | Wood logs[(1)] |
| Gilles HPK UTSK 150 kW, 180 kW, 240 kW and 300 kW boilers manufactured by Gilles Energie und Umwelttechnik GmbH, Koaserbauer Str. 16, A- 4810, Gmunden, Austria | Operating instructions dated January 2007, reference: Gilles/150–300/1 | Wood pellets or wood, chips[(1)] |
| Gilles HPK UTSK 360 kW, Boiler manufactured by Gilles Energie und Umwelttechnik GmbH, Koaserbauer Str. 16, A-4810 Gmunden, Austria | Operating instructions dated January 2008, reference: Gilles/360/1 | Wood pellets or wood, chips [(1)] |
| Gilles HPKI-K 180, 195, 240, 300, 360, 450, 550, 700, 900, 995, 1200 and 1600 boilers. Manufactured by Gilles, Energie und Umwelttechnik, Gmbh, Koaserbauer Str. 16A-4810 Gmunden, Austria | Operating instructions dated November 2008, reference: Operating Instruction HPKI-K, Underfeed Stoking. 1-general HPKI-K underfeed stoking | Wood pellets or wood chips[(1)] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Gilles HPK-RA 13 kW, 15 kW, 20 kW, 25 kW, 30 kW, 35 kW, 40 kW, 45 kW, 49 kW, 60 kW, 70 kW, 75 kW, 85 kW, 95 kW, 100 kW, 120 kW and 145 kW manufactured by GILLES Energie und Umwelttechnik GmbH, Koaserbauer Str. 16 A-4810 Gmunden, Austria | Operating instructions dated January 2007, reference: Gilles/0–145/1 | Wood pellets or wood chips[1] |
| Gilles HPK-RA 160 manufactured by Gilles Energie und Umwelttechnik Gmbh, Koaserbauer Str. 16A-4810 Gmunden, Austria | Instruction and operation manuals dated November 2008, references: BD 200-01a-01; BD 200-01a-02; BD 200-01a-03; BD 200-01a-04; BD 200-01a-06; BD 200-03a-07; and BD 200-03a-09 | Wood chips and pellets[1] |
| Gilles UTSK 1200 kW, 1600 kW boilers manufactured by GILLES Energie- und Umwelttechnik GmbH, Koaserbauer Str. 16 A-4810 Gmunden, Austria | Operating instructions dated January 2008, reference: Gilles/360/1 | Wood pellets or wood chips[1] |
| Gilles UTSK 450 kW, 550 kW boilers manufactured by GILLES Energie- und Umwelttechnik GmbH, Koaserbauer Str. 16 A-4810 Gmunden, Austria | Operating instructions dated January 2008, reference: Gilles/360/1 | Wood pellets or wood chips[1] |
| Gilles UTSK 700 kW, 900 kW boilers manufactured by GILLES Energie- und Umwelttechnik GmbH, Koaserbauer Str. 16 A-4810 Gmunden, Austria | Operating instructions dated January 2008, reference: Gilles/360/1 | Wood pellets or wood chips[1] |
| Gozney G1200/W, G1400/W, G1600/W and G1800/W wood-burning pizza ovens manufactured by Gozney Ltd, Units 18 & 19, Radar Way, Christchurch Business Park, The Runway, Christchurch, BH23 4JE | Gozney G Series refractory wood fired oven operational manual dated July 2013, reference: Version 1.1 | Wood logs[1] |
| Grant Spira Condensing Wood Pellet Boiler 6-26 kW model number WPS626 and 9-36 kW model number WPS936 manufactured by Grant UK Ltd, Hopton House, Hopton Industrial Estate, Devizes, Wiltshire, SN10 2EU | Instruction manual dated April 2012, reference: IRL NO.012 Rev; 1 | 6 mm wood pellets[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Greencast 5MF Traditional, Greencast 5MF Modern, Greencast 8MF Traditional and Greencast 8MF Modern multifuel stoves manufactured by Capital Fireplaces Limited, 12-17 Henlow Trading Estate, Henlow Camp, Hitchin, SG16 6DS | Installation and operating instruction manual dated June 2013, reference: Greencast MF&WD Version 1.<br>The appliance must be fitted with the manufacturer's smoke control kit. | Wood logs[1] |
| Greencast 5WD Traditional and Greencast 5WD Modern woodburning stoves manufactured by Capital Fireplaces Limited, 12-17 Henlow Trading Estate, Henlow Camp, Hitchin, SG16 6DS | Installation and operating instruction manual dated June 2013, reference: Greencast MF&WD Version 1 | Wood logs[1] |
| Greencast 8WD Traditional and Greencast 8WD Modern wood-burning stoves manufactured by Capital Fireplaces Limited, 12-17 Henlow Trading Estate, Henlow Camp, Hitchin, SG16 6DS | Installation and operating instruction manual dated June 2013, reference: Greencast MF&WD Version 1.<br>The appliance must be fitted with the manufacturer's smoke control kit. | Wood logs[1] |
| Greenflame 28 Pellet Boiler manufactured by Trianco Limited, Thorncliffe, Chapletown, Sheffield, S35 2PH | Instruction manual dated July 2012, reference: Installation & Operation Manual V.2.1 | 6 mm wood pellets[1] |
| Guntamatic Biocom and Powercorn 100 manufactured by GUNTAMATIC Heiztechnik GmbH A – 4722 PEUERBACH, Bruck 7, Austria | Instruction manual dated 29th July 2009, reference: GUN/BIO/OP/V1/0709 | Wood pellets with a diameter of 6 mm and a length of between 10 and 30 mm or wood chip less than 35% moisture content and meeting ÖNORM M 7133: 1998 size class G30[1] |
| Guntamatic Biocom and Powercorn 50 and 75 manufactured by GUNTAMATIC Heiztechnik GmbH A – 4722 PEUERBACH, Bruck 7, Austria | Instruction manual dated 29th July 2009, reference: GUN/BIO/OP/V1/0709 | Wood pellets with a diameter of 6 mm and a length of between 10 and 30 mm[1] |
| Guntamatic Powerchip 100 manufactured by GUNTAMATIC Heiztechnik GmbH A – 4722 PEUERBACH, Bruck 7, Austria | Instruction manual dated 29th July 2009, reference: GUN/POW/OP/V1/0709 | Wood pellets with a diameter of 6 mm and a length of between 10 and 30 mm or wood chip less than 35% moisture content and meeting ÖNORM M 7133: 1998 size class G30[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Guntamatic Powerchip 50 and 75 manufactured by GUNTAMATIC Heiztechnik GmbH A – 4722 PEUERBACH, Bruck 7, Austria | Instruction manual dated 29th July 2009, reference: GUN/POW/OP/V1/0709 | Wood pellets with a diameter of 6 mm and a length of between 10 and 30 mm[1] |
| Hamont CATfire 350 USZI pellet boiler fitted with CATfirte 300 cyclone manufactured by Hamont Contracting and Trading, spol. s.r.o., Sedliště 227, postal code 739 36, district Frydek-Mistek Czech Republic | Operating instructions entitled "Operating Manual for Boilers CATfire 150-500 W" effective from 1st January 2008 | Wood pellets with a 6 mm diameter and a maximum length of 30 mm[1] |
| Hampstead 8, Hampstead LS 8, Hampstead XLS 8, Belgravia 8, Barrington 8, Petworth 8 and Flatford 8 stoves manufactured by Chesneys Limited, 194-200 Battersea Park Road, London, SW11 4ND | Instruction manual dated 31st October 2011, reference: CH8K - V12.<br>The appliance must be fitted with a system that prevents closure of the air controls further than 40 mm from open. | Wood logs[1] |
| Handöl 31, Handöl 31A, Handöl 32, Handöl 32A, Handöl 33T, Handöl 34T, Handöl 35T, Varde Ovne Look 1, Varde Ovne Look 2, Varde Ovne Look 3 , all manufactured by NIBE AB Box 134, 285 23 Markaryd, Sweden | Installation instructions, reference: IAV SE/EX 0811-4 511941 Lighting instructions BAV SE/EX H30 511942.<br>A permanent stop must be in place on the air inlet to prevent closure beyond the 45% open position. | Untreated dry wood with a maximum moisture content of 20% |
| Handöl 50, Handöl 51, Handöl 52, Handöl 52T, Handöl 53, Handöl 54, Handöl 54T, Handöl 51L, Varde Ovne S1, Varde Ovne S2, Varde Ovne S3, all manufactured by NIBE AB Box 134 285 23 Markaryd, Sweden | Installation instructions, reference: IAV SE/EX 0737-4 511866 Lighting instruction BAV SE/EX 0717-1 511865.<br>A permanent stop must be in place on the air inlet to prevent closure beyond the 45% open position. | Untreated dry wood with a maximum moisture content of 20% |
| Harrie Leenders Cylon<br>Harrie Leenders Doran 160<br>Harrie Leenders Doran 190<br>Harrie Leenders Fuga S<br>Harrie Leenders Fuga eL<br>Harrie Leenders Stor<br>Harrie Leenders Signa<br>Stoves manufactured by Harrie Leenders Industrieweg 255688 DP Oirschot Netherlands | Instruction manual, reference: Supplementary Instructions Amended June 2010.<br>The appliance must be fitted with a mechanical stop to prevent closure of the air slide beyond the 15 mm open position | Wood logs[1] |
| HDG Compact model 100 (100 kW) wood chip and pellet boiler manufactured by HDG Bavaria GmbH, Siemensstraße 22, 84323 Massing, Germany | The manufacturer's operating instructions for the HDG Compact 100/150/200 dated July 2008, reference: HDG Compact 100-200 Version V1 | Wood chip or wood pellets[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| HDG Compact model 150, 200 (150 kW, 200 kW) wood chip and pellet boiler with model HDG 3113 cyclone manufactured by HDG Bavaria GmbH, Siemensstrasse 22, 84323 Massing, Germany | The manufacturer's operating instructions for the HDG Compact 100/150/200 dated July 2008, reference: HDG Compact 100-200 Version V1 | Wood chip or wood pellets[1] |
| HDG Compact model 80 (80 kW) wood chip and pellet boiler manufactured by HDG Bavaria GmbH, Siemensstrasse 22, 84323 Massing, Germany | The manufacturer's operating instructions for the HDG Compact 80 with HDG Hydronic dated April 2009, reference: HDG Compact Version V03 | Wood chip or wood pellets[1] |
| HDG Compact models 25/35 (25 kW, 35 kW) wood chip and pellet boilers manufactured by HDG Bavaria GmbH, Siemensstrasse 22, 84323 Massing, Germany | The manufacturer's operating instructions for the HDG Compact 25/35 with HDG Hydronic dated April 2009, reference: HDG Compact Version V01 | Wood chip or wood pellets[1] |
| HDG Compact models 50/65 (50 kW, 65 kW) wood chip and pellet boilers manufactured by HDG Bavaria GmbH, Siemensstrasse 22, 84323 Massing, Germany | The manufacturer's operating instructions for the HDG Compact 50/65 with HDG Hydronic dated April 2009, reference: HDG Compact Version V03 | Wood chip or wood pellets[1] |
| HDG Euro models 30, 40 and 50 (30 kW, 40 kW and 50 kW) wood log boilers manufactured by HDG Bavaria GmbH, Siemensstrasse 22, 84323 Massing, Germany | The manufacturer's operating instructions for the HDG Euro 30/40/50 with Lambda Control 1 dated June 2008, reference: HDG Euro V3.0 with HDG Lambda Control 1 Version V1 | Split wood logs of 500 mm length and maximum edge length of 120 mm and a residual moisture content of 20%[1] |
| HDG Navaro models 20, 25 and 30 (20 kW, 25 kW and 30 kW) wood log boilers manufactured by HDG Bavaria GmbH, Siemensstrasse 22, 84323 Massing, Germany | The manufacturer's operating instructions for the HDG Navora 20/25/30 with Lambda Control 1 dated June 2008, reference: HDG Navora 20/25/30 with HDG Lambda Control 1 Version V2 | Split wood logs of 500 mm length and maximum edge length of 120 mm and a residual moisture content of 20%[1] |
| HDG Pelletmaster model PM15, 15 kW wood pellet boiler manufactured by HDG Bavaria GmbH, Siemensstrasse 22, 84323 Massing, Germany | The manufacturer's operating instructions for the HDG Pelletmaster 15/25 dated October 2006, reference: HDG Pelletmaster Version V1 | Wood pellets[1] |
| Heat Design of Dublin TR8 Curved Freestanding Wood Burning Stove manufactured by Charlton & Jenrick Limited, Unit D Stafford Park, 2 Telford, Shropshire, TF3 3AR | Instruction manual dated January 2013, reference: HD TR Freestanding .Issue 01.<br>The appliance must be fitted with a mechanical stop to prevent secondary air control closure beyond the 5 mm open position. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Heat Design of Dublin TR8c Cassette Inset Wood Burning Stove manufactured by Charlton & Jenrick Limited, Unit D Stafford Park, 2 Telford, Shropshire, TF3 3AR | Instruction manual dated July 2012, reference: TRc issue 03. The appliance must be fitted with a mechanical stop to prevent secondary air control closure beyond the 1 mm open position. | Wood logs[1] |
| Heat Design TR5c inset stove manufactured by Charlton & Jenrick Ltd, Unit D Stafford Park 2, Telford, Shropshire, TF3 3AR | Instruction manual dated April 2012, reference: TRc Issue 02. The fitting of a system that prevents closure of the secondary air control slots beyond the 3.5 mm open position must be implemented. | Wood logs[1] |
| Heat Design TR5iT Taper inset stove manufactured by Charlton & Jenrick Ltd, Unit D Stafford Park 2, Telford, Shropshire, TF3 3AR | Instruction manual dated April 2012, reference: TRiT Issue 01. The fitting of a system that prevents closure of the secondary air control slots beyond the 5 mm open position must be implemented. | Wood logs[1] |
| Heat Design TR6c Wide inset stove manufactured by Charlton & Jenrick Ltd, Unit D Stafford Park 2, Telford, Shropshire, TF3 3AR | Instruction manual dated April 2012, reference: TRc Issue 02. The fitting of a system that prevents closure of the secondary air control slots beyond the 9 mm open position must be implemented | Wood logs[1] |
| Henley Achill Wood Burning Stove manufactured by Henley Stoves Limited, Ard Ri Marble, Curraheen Tralee, Co. Kerry, Ireland | Instruction manual dated November 2012, reference: Version 1. The appliance must be fitted with a mechanical stop to prevent closure of the secondary air control slots beyond the 50% open position. | Wood logs[1] |
| Henley Druid 5 multifuel stove manufactured by Henley Stoves Limited, Ard Ri Marble, Curraheen Tralee, Co. Kerry, Ireland | User manual dated May 2013, reference: Version 2.0. The appliance must be fitted with a mechanical stop to prevent closure of secondary air control slot beyond the 30% open position. | Wood logs[1] |
| Henley Druid 8 multifuel stove manufactured by Henley Stoves Limited, Ard Ri Marble, Curraheen Tralee, Co. Kerry, Ireland | User manual dated June 2013, reference: Version 2.0. The appliance must be fitted with a mechanical stop to prevent closure of the secondary air control slot beyond the 40% open position. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Herz BioFire BF 1000 manufactured by Herz Energietechnik GmbH. Herzstraße 1, 7423 Pinkafeld, Austria | Instruction manual entitled "Operating instructions HERZ BioFire 500 – 1000 Biocontrol", reference "Betriebsanleitung Biofire 500-1000 Biocontrol Englisch V1.2.doc" | Wood chips and pellets[1] |
| Herz BioFire BF 500 manufactured by Herz Energietechnik GmbH. Herzstraße 1, 7423 Pinkafeld, Austria | Instruction manual entitled "Operating instructions HERZ BioFire 500 – 1000 Biocontrol", reference "Betriebsanleitung Biofire 500-1000 Biocontrol Englisch V1.2.doc" | Wood chips and pellets[1] |
| Herz BioFire BF 600 manufactured by Herz Energietechnik GmbH. Herzstraße 1, 7423 Pinkafeld, Austria | Instruction manual entitled "Operating instructions HERZ BioFire 500 – 1000 Biocontrol", reference "Betriebsanleitung Biofire 500-1000 Biocontrol Englisch V1.2.doc" | Wood chips and pellets[1] |
| Herz BioFire BF 800 manufactured by Herz Energietechnik GmbH. Herzstraße 1, 7423 Pinkafeld, Austria | Instruction manual entitled "Operating instructions HERZ BioFire 500 – 1000 Biocontrol", reference "Betriebsanleitung Biofire 500-1000 Biocontrol Englisch V1.2.doc" | Wood chips and pellets[1] |
| Herz Firematic 201, 249, 251, 299 and 301 boilers manufactured by Herz Energietechnik GmbH. Herzstraße 1, 7423 Pinkafeld, Austria | Operating instruction manual for Herz Firematic 20-301 dated May 2013, reference: Betriebsanleitung_firematic_20-301_Touch_Englisch V1 2 (2) | Wood pellets[1] and wood chips[1] |
| Herz Firematic FM 100 manufactured by Herz Energietechnik GmbH. Herzstraße 1, 7423 Pinkafeld, Austria | Assembly and installation instructions entitled "HERZ firematic 20 – 101 BioControl", reference: 04.001. Installation instructions entitled "Herz Firematic (1Ph) 20-101". Operating instructions entitled "HERZ firematic 20 - 101 BioControl", reference: Betriebsanleitung firematic 20-101 BioControl Englisch V 2.53.doc. | Wood chips and pellets[1] |
| Herz Firematic FM 80 manufactured by Herz Energietechnik GmbH. Herzstraße 1, 7423 Pinkafeld, Austria | Assembly and installation instructions entitled "HERZ firematic 20 - 101 BioControl", reference: 04.001. Installation Instructions "Herz Firematic (1Ph) 20-101". Operating instructions entitled "HERZ firematic 20 - 101 BioControl", reference: Betriebsanleitung firematic 20-101 BioControl Englisch V 2.53.doc | Wood chips and pellets[1] |

| *Fireplace* | *Conditions* | |
|---|---|---|
| Heta Inspire 40 and Inspire 45 wood-burning stoves manufactured by Heta A/S, Jupitervej 22, 7620 Lemvig, Denmark | Operating and installation manual dated January 2013, reference: Pevex1020/AH/ver1. The appliance must be fitted with a permanent stop to prevent closure of the air control valve beyond the 41% open position. | Wood logs[1] |
| Heta Scanline 500D, 510D, 520D and 530D wood burning stoves manufactured by Heta A/S, Jupitervej 22, 7620 Lemvig, Denmark | Instruction manual dated June 2011, reference: Pevex1005/AH/ver2. The appliance must be fitted with permanent stops to ensure that the primary and secondary air controls do not close beyond 95% and 50% respectively. | Dry wood logs[1] |
| Heta Scanline 7D, 7AD, 7BD, 7CD and 7DD wood burning stoves manufactured by Heta A/S, Jupitervej 22, 7620 Lemvig, Denmark | Instruction manual dated June 2011, reference: Pevex1006/AH/ver2. The appliance must be fitted with permanent stops to ensure that the primary and secondary air controls do not close beyond 95% and 50% respectively. | Dry wood logs[1] |
| Heta Scanline 80, Heta Scanline 80 B and Heta Scanline 80 BF stoves manufactured by Heta A/S, Jupitervej 22, 7620 Lemvig, Denmark | Instruction manual dated January 2013, reference: Pervex1019/AH/ver1. The appliance must be fitted with a permanent stop to ensure that the air control does not close beyond the 31% open position. | Wood logs[1] |
| Heta Scanline 800 Aqua and Heta Scanline 800 Aqua low boiler stoves manufactured by Heta A/S, Jupitervej 22, 7620 Lemvig, Denmark | Instruction manual dated January 2013, reference: Pevex1018/AH/ver1. The appliance must be fitted with a permanent stop to ensure that the air control does not close beyond the 52% open position. | Wood logs[1] |
| Heta Scanline 800, Heta Scanline 810 standard, Heta Scanline 810 with high ash door and soapstone stoves manufactured by Heta A/S Jupitervej 22, 7620 Lemvig Denmark | Instruction manual dated January 2013, reference: Pevex1019/AH/ver1. The appliance must be fitted with a permanent stop to ensure that the air control does not close beyond the 31% open position. | Wood logs[1] |
| Heta Scanline 810 with high ash door and ceramic wood-burning stove manufactured by Heta H/S, Jupitervej 22, 7620 Lemvig, Denmark | Instruction manual dated January 2013, reference: Pevex1019/AH/ver1. The appliance must be fitted with a permanent stop preventing closure of the air control beyond the 31% open position. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Heta Scanline 820 baking oven, Heta Scanline 820 with soapstone and baking oven, Heta Scanline 820 accumulation, Heta Scanline 820 soapstone and accumulation, Heta Scanline 820 with shelf, Heta Scanline 820 soapstone and shelf stoves manufactured by Heta A/S, Jupitervej 22, 7620 Lemvig Denmark | Instruction manual dated January 2013, reference: Pevex1019/AH/ver1.<br>A permanent stop fixing the air control to 31% open when fully closed must be implemented. | Wood logs[1] |
| Heta Scanline 820 with baking oven and ceramic,<br>Heta Scanline 820 with thermastone and ceramic,<br>Heta Scanline 820 with shelf and top in sandstone and<br>Heta Scanline 820 with shelf (and) ceramic<br>wood-burning stoves manufactured by Heta A/S, Jupitervej 22, 7620 Lemvig, Denmark | Instruction manual dated January 2013, reference: Pervex1019/AH/ver1.<br>The appliance must be fitted with a permanent stop preventing closure of the air control beyond the 31% open position. | Wood logs[1] |
| Heta Scanline 830 extra accumulation, Heta Scanline 830 extra accumulation and soapstone stoves manufactured by Heta A/S, Jupitervej 22, 7620 Lemvig, Denmark | Instruction manual dated January 2013, reference: Pevex1019/AH/ver1.<br>A permanent stop fixing the air control to 31% open when fully closed must be implemented. | Wood logs[1] |
| Heta Scanline 830 with extra thermastone and top in soapstone and<br>Heta Scanline 830 with extra thermastone and ceramic wood-burning stoves manufactured by Heta A/S, Jupitervej 22, 7620 Lemvig, Denmark | Instruction manual dated January 2013, reference: Pevex1019/AH/ver1.<br>The appliance must be fitted with a permanent stop preventing closure of the air control beyond the 31% open position. | Wood logs[1] |
| Heta Scanline 840 high ash door, shelf and ceramic, Heta Scanline 840 high ash door thermastone and ceramic and<br>Heta Scanline 840 high ash door baking oven and ceramic wood-burning stoves manufactured by Heta A/S, Jupitervej 22, 7620 Lemvig, Denmark | Instruction manual dated January 2013, reference: Pevex1019/AH/ver1.<br>The appliance must be fitted with a permanent stop preventing closure of the air control beyond the 31% open position. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Heta Scanline 840 high ash door and shelf, Heta Scanline 840 high ash door shelf and soapstone, Heta Scanline 840 high ash door and accumulation, Heta Scanline 840 high ash door, accumulation and soapstone, Heta Scanline 840 baking oven with high ash door, Heta Scanline 840 baking oven with high ash door and soapstone stoves manufactured by Heta A/S Jupitervej 22, 7620 Lemvig, Denmark | Instruction manual dated January 2013, reference: Pevex1019/AH/ver1.<br>A permanent stop fixing the air control to 31% open when fully closed must be implemented. | Wood logs[1] |
| Heta Scanline 850 on column and ceramic and<br>Heta Scanline 850 on turntable column and ceramic<br>wood-burning stoves manufactured by Heta A/S, Jupitervej 22, 7620 Lemvig, Denmark | Instruction manual dated January 2013, reference: Pevex1019/AH/ver1.<br>The appliance must be fitted with a permanent stop preventing closure of the air control beyond the 31% open position. | Wood logs[1] |
| Heta Scanline 850 on pedestal and Heta Scanline 850 soapstone on pedestal stoves manufactured by Heta A/S, Jupitervej 22, 7620 Lemvig, Denmark | Instruction manual dated January 2013, reference: Pevex1019/AH/ver1.<br>A permanent stop fixing the air control to 31% open when fully closed must be implemented. | Wood logs[1] |
| Highland Biomass Solutions Bio-Flame 28 Wood Pellet Boiler manufactured by Wood Energy Solutions, Donaskeigh, Co. Tipperary, Ireland | Installation and operation manual dated July 2013, reference: Version 2.1 | Wood pellets[1] |
| Highland Biomass Solutions Bio-Flame 55, 85, 100, 125 and 199 Wood Pellet Boilers manufactured by Wood Energy Solutions, Donaskeigh, Co. Tipperary, Ireland | Installation, Operation and Servicing Instructions dated July 2013, reference: Manual Edition: Bio-Flame Commercial Series | Wood pellets[1] |
| Highlander 3 Enviro-burn smoke exempt multi fuel stove manufactured by Dunsley Heat Limited, Bridge Mills, Huddersfield Road, Holmfirth, Huddersfield, HD9 3TW | Instruction manual dated 11th February 2013, reference: ENVIRO 3 DB005.<br>The appliance must be fitted with a system preventing closure of the secondary air control beyond the 3 mm open position. | Wood logs[1] |
| Highlander 5 Clean Burn manufactured by Dunsley Heat Limited, Bridge Mills, Huddersfield Road, Holmfirth, Hudderfield, HD9 3TW | Instruction manual reference: Highlander. The Dunsley – Enviroburn –5. Clean Burn Stove Installation and Operating instructions. D12-01-09, D060-01-09, D13-01-09, D12-12-08 | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Highlander 5 Enviro-burn SOLO Slimline smoke exempt multi fuel stove manufactured by Dunsley Heat Limited, Bridge Mills, Huddersfield Road, Holmfirth, Huddersfield, HD9 3TW | Instruction manual dated 2nd February 2013, reference: ENVIRO 5 DB002.<br>The appliance must be fitted with a system preventing closure of the secondary air controls beyond the 3 mm open position. | Wood logs[1] |
| Highlander 7 Enviroburn Solo multi-fuel stove (product codes 00325, 00326 and 00327) manufactured by Dunsley Heat Limited, Bridge Mills, Huddersfield Road, Holmfirth, Huddersfield, HD9 3TW | Installation and operating instructions manual dated 15th June 2012, reference: ENVIRO 7 DB001.<br>The appliance must be fitted with a mechanical stop to prevent closure of the secondary air-wash beyond 2 mm.<br>Four fixed 5 mm diameter air holes must be provided for the tertiary air supply. | Dry wood logs[1] |
| Hopwood Multifuel Stove Model HW1MF manufactured by ACR Heat Products Limited, Unit One Weston Works, Weston Lane, Tyseley, Birmingham, B11 3PR | Instruction manual dated 17th July 2013, reference: HW1MF 0101.<br>The appliance must be fitted with a permanent stop to prevent closure of the secondary air slider beyond the 5 mm open position.<br>The tertiary air openings at the rear of the appliance must be fixed in the 50% open position. | Wood logs[1] |
| Horse Flame Little Artemis model number HF277-SE Wood Burning Stove manufactured by Hi-Flame Fireplace UK Limited, Unit 5A Holmes Chapel Business Park, Manor Lane, Holmes Chapel, Cheshire, CW4 8AF | Instruction manual dated July 2012, reference: AL905-SE/UK-NI-ROI/V2-D.18-07-12.<br>The appliance must be fitted with a mechanical stop to prevent closure of the secondary air control beyond the 3 mm open position. | Wood logs[1] |
| Horse Flame Precision 1 model number HF905-SE manufactured by Henan Hi-Flame Metal Co. Ltd, Eastside, Yugang Avenue, Airport District, Zhengzhou 451163, Henan, China | Instruction manual dated June 2011, reference: HF905/UK-NI-ROI/V2.1-06-11.<br>The appliance must be fitted with a mechanical stop to prevent closure of the main air control beyond the 50% open position. | Wood logs[1] |
| Horse Flame Precision II model number HF907-SE wood burning stove manufactured by Hi-Flame Fireplace UK Limited, Unit 5A Holmes Chapel Business Park, Manor Lane, Holmes Chapel, Cheshire, CW4 8AF. | Instruction manual dated July 2012, reference: HF907-SE/UK-NI-ROI/V3-D. 14-07-12.<br>The appliance must be fitted with a mechanical stop to prevent secondary air control closure beyond the 20% open position, and a 70 mm opening of the door rope seal to allow a constant flow of air. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Hoval AgroLyt 20, 25, 35, 45 and 50 manufactured by Hoval AG, Austrasse 70, 9490 Vaduz, Liechtenstein | Installation and operation manuals dated January 2006, reference: 4 205/ 194/00, and dated June 2006, reference: 205 193/00 | Wood logs with a maximum moisture content of 20%[1] |
| Hothouse 06C inset stove manufactured by Heat Design, 30 Hawthorn Road, Western Industrial Estate, Naas Road, Dublin 12, Ireland | Instruction manual dated 26th July 2012, reference: HH06C. A permanent stop to prevent closure of the secondary air control beyond 20% open must be implemented. | Wood logs[1] |
| Hothouse 11C inset stove manufactured by Heat Design, 30 Hawthorn Road, Western Industrial Estate, Naas Road, Dublin 12, Ireland | Instruction manual dated 26th July 2012, reference: HH11C. A permanent stop to prevent closure of the secondary air control beyond 20% open must be implemented. | Wood logs[1] |
| Hothouse 4SE stove manufactured by Heat Design, 30 Hawthorn Road, Western Industrial Estate, Naas Road, Dublin 12, Ireland | Instruction manual dated 25th July 2012, reference: HH468SE. The fitting of a system to prevent closure of the secondary air control beyond 5 mm open must be implemented. | Wood logs[1] |
| Hothouse 6SE stove manufactured by Heat Design, 30 Hawthorn Road, Western Industrial Estate, Naas Road, Dublin 12, Ireland | Instruction manual dated 25th July 2012, reference: HH468SE. The fitting of a system to prevent closure of the secondary air control beyond 75% from closed must be implemented. | Wood logs[1] |
| Hothouse 8SE stove manufactured by Heat Design, 30 Hawthorn Road, Western Industrial Estate, Naas Road, Dublin 12, Ireland | Instruction manual dated 25th July 2012, reference: HH468SE. The fitting of a system to prevent closure of the secondary air control beyond 25% from closed must be implemented. | Wood logs[1] |
| Hothouse Breeze 4SE Multi-fuel stove manufactured by Heat Design, 30 Hawthorn Road, Western Industrial Estate, Naas Road, Dublin 12, Ireland | Installation and operating instruction manual dated 2nd May 2013, reference: HHB468SE. The appliance must be fitted with a mechanical stop to prevent secondary air control closure beyond the 5 mm open position. | Wood logs[1] |
| Hothouse Breeze 5i Multi-fuel inset stove manufactured by Heat Design, 30 Hawthorn Road, Western Industrial Estate, Naas Road, Dublin 12, Ireland | Installation and operating instruction manual dated 2nd May 2013, reference: HHB5i. The appliance must be fitted with a mechanical stop to prevent secondary air control closure beyond the 3.5 mm open position. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Hothouse Breeze 6SE Multi-fuel stove manufactured by Heat Design, 30 Hawthorn Road, Western Industrial Estate, Naas Road, Dublin 12, Ireland | Installation and operating instruction manual dated 2nd May 2013, reference: HHB468SE.<br>The appliance must be fitted with a mechanical stop to prevent secondary air control closure beond the 25% open position. | Wood logs[1] |
| Hothouse Breeze 8SE Multi-fuel stove manufactured by Heat Design, 30 Hawthorn Road, Western Industrial Estate, Naas Road, Dublin 12, Ireland | Installation and operating instruction manual dated 2nd May 2013, reference: HHB468SE.<br>The appliance must be fitted with a mechanical stop to prevent closure of the secondary air control beyond the 75% open position. | Wood logs[1] |
| Hothouse HH5i Multi-fuel inset stove manufactured by Heat Design, 30 Hawthorn Road, Western Industrial Estate, Naas Road, Dublin 12, Ireland | Installation and operating instruction dated 2nd May 2013, reference: HH5i.<br>The appliance must be fitted with a mechanical stop to prevent closure of the secondary air control beyond the 3.5 mm open position. | Wood logs[1] |
| Hotpod Limited Edition manufactured by Hotpod LLP, PO Box 137, St Ives, Cornwall, TR26 2WW | Instruction manual dated June 2011, reference: Version 3 | Wood logs[1] |
| Hotpod Unlimited manufactured by Hotpod LLP, PO Box 137, St Ives, Cornwall, TR26 2WW | Instruction manual dated June 2011, reference: Version 3 | Wood logs[1] |
| Hoval BioLyt 160 pellet boiler manufactured by Hoval Limited, Hoval Limited,Northgate, Newark, Nottinghamshire NG24 1JN | Instruction manual dated 3rd July 2008, reference: Hoval Operating instructions, wood pellet heating boiler BioLyt (50, 70, 120, 140, 160).<br>Instruction manual dated 3rd October 2009, reference: Technical information Assembly instructions. | Wood pellets[1] |
| Hoval BioLyt 50 and 70 manufactured by Hoval AG, Austrasse 70, 9490 Vaduz, Liechtenstein | Installation and operating manuals dated June 2007, references:<br>4 204 794/01; and<br>4 204 793/2 | Wood pellets[1] |
| Hoval Forester MGS 150, 180, 240, 300, 360, 450, 550, 700, 900 boilers manufactured by Schmid AG, Wood firing systems PO Box 42, CH-8380 Eschikon Switzerland | Instruction manual dated July 2011, reference: Hoval Forester MGS_MMXXXv1 (where XXX is the unit size, e.g. 150) | Wood pellets or wood chips following CEN/TS 14961[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Hoval Forester UFS 180, 240, 300, 360, 450, 550, 700, 900, 1200, 1600 manufactured by Schmid AG, Wood firing Systems PO Box 42, CH-8360 Eschlikon, Switzerland | Instruction manual dated November 2009, reference: Forester UFS | Wood pellets or wood chips[1] following CEN/TS 14961 |
| Hoval STU 150, 200, 250, 300, 350, 425 and 500 manufactured by Hoval Limited, Northgate, Newark, Nottinghamshire, NG24 1JN | Installation and operation manual dated November 2007, reference: STU man/01; or Installation and operation manual dated June 2008, reference: STU/man/01/1 | Wood pellets[1] |
| Hoval STU 600, 800 and 1000 manufactured by Hoval Limited, Northgate, Newark, Nottinghamshire, NG24 1JN | Installation and operation manual dated November 2007, reference: STU/man/01, or Installation and operation manual dated June 2008, reference: STU/man/01/1 | Wood pellets[1] |
| Hunter Avalon 5 Inset stove manufactured by Hunter Stoves Ltd, Trevilla Park, Slaughterbridge, Camelford, Cornwall, PL32 9TT | Instruction manual dated 10th October 2012, reference: JINAVI05 Rev B. The valve plate adjusted by the secondary air control must contain six 5 mm holes. | Wood logs[1] |
| Hunter Herald 4 manufactured by Hunter Stoves Limited, Unit 6, Old Mill Industrial Estate, Stoke Canon, Devon, EX5 4RJ | Instruction manual dated 22nd September 2011, reference: JINHH04 rev C. Instruction manual dated 22nd July 2011, reference: JINHH04&HHC05 Slider Stop rev A. The appliance must be fitted with a permanent stop that prevents closure of the secondary air slider beyond 30% open. | Wood logs[1] |
| Hunter Herald 5 Compact manufactured by Hunter Stoves Limited, Unit 6, Old Mill Industrial Estate, Stoke Canon, Devon, EX5 4RJ | Instruction manual dated 22nd September 2011, reference: JINHHC05 rev C. Instruction manual dated 22nd July 2011, reference JINHH04&HHC05 Slider Stop rev A. The appliance must be fitted with a permanent stop that prevents closure of the secondary air slider beyond 30% open. | Wood logs[1] |
| Hunter Herald 5 Slimline manufactured by Hunter Stoves Limited, Unit 6, Old Mill Industrial Estate, Stoke Canon, Devon, EX5 4RJ | Instruction manual dated 22nd September 2011, reference: JINHHW05 rev C | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Hunter Herald 6 manufactured by Hunter Stoves Limited, Unit 6, Old Mill Industrial Estate, Stoke Canon, Devon, EX5 4RJ | Instruction manual dated 22nd September 2011, reference: JINHHW04 rev C | Wood logs[1] |
| Hunter Herald 8 slimline CE vII stove manufactured by Hunter Stoves Ltd, Trevilla Park, Slaughterbridge, Camelford, Cornwall, PL32 9TT | Instruction manual dated 24th January 2013, reference: JINHHW08 rev B | Wood logs[1] |
| Hunter Herald i4 manufactured by Hunter Stoves Limited, Unit 6, The Old Mill Industrial Estate, Stoke Canon, Exeter, Devon, EX5 4RJ | Instruction manual dated 2nd December 2011, reference: JINHVR04 Rev E.<br>Instruction manual dated 5th December 2011, reference: JINHVR04SCK revB.<br>The appliance must be fitted with smoke control area kit JHVR0401. | Wood logs[1] |
| Hunter Telford 5 Inset stove manufactured by Hunter Stoves Ltd, Trevilla Park, Slaughterbridge, Camelford, Cornwall, PL32 9TT | Instruction manual dated 10th October 2012, reference: JINTDI05 Rev B.<br>The valve plate adjusted by the secondary air control must contain six 5 mm holes. | Wood logs[1] |
| Huntingdon 25 clear door (model number 7057) and Huntingdon 25 tracery door (model number 7058) manufactured by Stovax Limited, Falcon Road, Sowton Industrial Estate, Exeter, Devon, EX2 7LF | The manufacturer's instruction manual reference: PM 249 Issue 1.<br>A permanent stop must be in place on the secondary air inlet to prevent closure beyond the 75% open position. | Untreated dry wood |
| Insert 100 Crystal manufactured by La Nordica S.p.A., Via Summano, 104 – 36030, Montecchio Precalcino, Vicenza, Italy | Instruction manual dated 22nd December 2010, reference: 6096801-Rev. 17 | Wood logs[1] |
| Insert 50 Crystal manufactured by La Nordica S.p.A., Via Summano, 104 – 36030, Montecchio Precalcino, Vicenza, Italy | Instruction manual dated 22nd December 2010, reference: 6096801-Rev. 17.<br>A mechanical stop to prevent closure of the secondary air control beyond the 40% open position must be fitted. | Wood logs[1] |
| Insert 70 Crystal manufactured by La Nordica S.p.A., Via Summano, 104 – 36030, Montecchio Precalcino, Vicenza, Italy | Instruction manual dated 22nd December 2010, reference: 6096801-Rev. 17.<br>A mechanical stop to prevent closure of the secondary air control beyond the 40% open position must be fitted. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Insert 80 Crystal manufactured by La Nordica S.p.A., Via Summano, 104 – 36030, Montecchio Precalcino, Vicenza, Italy | Instruction manual dated 22nd December 2010, reference: 6096801-Rev. 17.<br>A mechanical stop to prevent closure of the secondary air control beyond the 40% open position must be fitted. | Wood logs[1] |
| Instyle 400 and 550 stoves manufactured by Dik Geurts Haardkachels BV, Industrieweg Oost 11, 6662 NE Elst (Gld), The Netherlands | Instruction manual reference: Instruction_manual_Instyle_1209_ENG | Wood logs[1] |
| Italy Built In manufactured by La Nordica S.p.A., Via Summano, 104 – 36030, Montecchio Precalcino, Vicenza, Italy | Instruction manual dated 13th December 2010, reference: 7095401 Rev. 02 | Wood logs[1] |
| Italy Imported Etna, Amiata, Stromboli & Vesuvius Wood Burning Ovens manufactured by Italy Imported Limited, Avenue House, Southgate, Chichester, PO19 1ES | Installation and operation manual dated July 2013, reference: E.A.S.V. ISSUE 1. | Wood logs[1] |
| Italy Termo Built-in DSA (back boiler cooker) manufactured by La Nordica S.p.A., Via Summano, 104 – 36030, Montecchio Precalcino, Vicenza, Italy | Instructions for installation, use and maintenance dated July 2013, reference: 7095703 – IT-EN-DE-FR | Wood logs[1] |
| Italy Termo DSA manufactured by La Nordica S.p.A., Via Summano, 104 – 36030, Montecchio Precalcino, Vicenza, Italy | Instruction manual dated 1st February 2011, reference: 7095802 Rev. 06 | Wood logs[1] |
| Ivanhoe JS5000 multi-fuel stove manufactured by James Smellie Limited, Unit N, Leona Industrial Estate, Nimmings Road, Halesowen, West Midlands, B62 9JQ | Instruction manual dated June 2012, reference: Ivanhoe multi-fuel stove instruction manual Issue 1 | Wood logs[1] |
| JC Bordelet EVA 992 Angle (vitrée) enclosed wood-burning stove manufactured by Groupe Seguin, Cheminees Seguin Duteriez, Zone Industrielle de Lhérat, 63310 France | EVA 992 instruction manual dated 1st April 2007, reference: FIREPLACES MANUAL INSTALLATION – USE – 1/04/07 CHARACTERISTICS OF THE FIREPLACE | Wood logs[1] |
| JC Bordelet EVA 992 centrale foyer fermé (vitrée) enclosed wood-burning stove manufactured by Groupe Seguin, Cheminees Seguin Duteriez, Zone Industrielle de Lhérat, 63310 France | EVA 992 instruction manual dated 1st April 2007, reference: FIREPLACES MANUAL INSTALLATION – USE – 1/04/07 CHARACTERISTICS OF THE FIREPLACE | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| JC Bordelet EVA 992 Murale (vitrée) enclosed wood-burning stove manufactured by Groupe Seguin, Cheminees Seguin Duteriez, Zone Industrielle de Lhérat, 63310 France | EVA 992 instruction manual dated 1st April 2007, reference: FIREPLACES MANUAL INSTALLATION – USE – 1/04/07 CHARACTERISTICS OF THE FIREPLACE | Wood logs[1] |
| JC Bordelet LEA 998 centrale foyer fermé (vitrée) enclosed wood-burning stove manufactured by Groupe Seguin, Cheminees Seguin Duteriez, Zone Industrielle de Lhérat, 63310 France | LEA 998 instruction manual dated 1st April 2007, reference: FIREPLACES MANUAL INSTALLATION – USE – 01/04/07 CHARACTERISTICS OF THE FIREPLACE | Wood logs[1] |
| JC Bordelet LEA 998 Murale (vitrée) enclosed wood-burning stove manufactured by Groupe Seguin, Cheminees Seguin Duteriez, Zone Industrielle de Lhérat, 63310 France | LEA 998 instruction manual dated 1st April 2007, reference: FIREPLACES MANUAL INSTALLATION – USE – 1/04/07 CHARACTERISTICS OF THE FIREPLACE | Wood logs[1] |
| Jetmaster 18f stove manufactured by Jetmaster Fires Limited, Unit 2, Peacock Trading Estate, Goodwood Road, Eastleigh, Hampshire SO50 4NT | Instruction manual dated June 2011, reference: 106870/18f/60f/Issue No.5 | Dry wood logs[1] |
| Jotul F100 manufactured by Jotul UK Ltd, Unit 1, The IO Centre, Nash Road, Park Farm, Redditch, Worcestershire, B98 7AS | Instruction manual dated September 2002, reference: 129980<br>Smoke control area modification dated 2010, reference: UK F100 SC appendix.<br>The appliance must be fitted with a permanent stop that prevents the closure of the secondary air control beyond the 50% open position. | Wood logs[1] |
| Jotul F162, F163, F262 and F263 stoves manufactured by Jotul UK Limited, 1 The IO Centre, Nash Road, Redditch, B98 7AS | Instruction manual dated January 2011, reference: Jotul F162/F162C/F163 Manual Version Po6.<br>Supplementary instruction manual dated 1st January 2012, reference: Jotul F162/F163/262/263 SMOKE.<br>The appliance must be fitted with a mechanical stop to prevent secondary air control closure beyond the 20% open position. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Jydepejsen Country 510 and 760 5 kW stoves manufactured by Jydepejsen A/S, Ahornsvinget 3-7, Nr.Felding, DK-7500, Holstebro, Denmark | Instruction user manual entitled "Country001" dated June 2011, reference: Jydepejsen A/S - June 2011.<br>A permanent stop must be fitted to the secondary air control such that it cannot be closed less than 35%. | Wood logs[1] |
| KARA KW990 woodchip boiler manufactured by KARA Energy Systems B.V. P.O. Box 570. 7600 AN Almelo. Plesmanweg 27, 7602 PD Almelo. The Netherlands | Instruction manual dated 26th July 2012, reference: Maintenance and Operation Guide KARA Wood Fired Boiler Version 2012.02 | Woodchip[1] |
| KÖB Pyromat-DYN (KPM-DYN) Models 45, 65 and 85 manufactured by Viessmann Ltd, Hortonwood 30,Telford, Shropshire, TF1 7YP | Instruction manual dated 1st January 2005, reference: ID 103689-L English<br>Instruction manual reference: ID: 103708-G English | Wood logs (up to 0.5m) and off cuts of natural timber, wood chips and pellets[1] |
| KÖB Pyromat-ECO (KPM-ECO) Models 35, 45, 55, 65, 75, 85,manufactured by Viessmann Ltd, Hortonwood 30,Telford, Shropshire, TF1 7YP | Instruction manual dated 1st January 2005, reference: ID 104646-D English<br>Instruction manual reference: ID: 104642-B English | Wood logs (up to 0.5m) and off cuts of natural timber[1] |
| KÖB Pyromat-ECO (KPM-ECO) Models 61, 81, 101 and 151 manufactured by Viessmann Ltd, Hortonwood 30,Telford, Shropshire, TF1 7YP | Instruction manual dated 1st January 2005, reference: ID 104646-D English<br>Instruction manual reference: ID: 104642-B English | Wood logs (up to 1.0m) and off cuts of natural timber[1] |
| KÖB Pyrot (KRT) Models 100, 150, 220, 300, 400 and 540 manufactured by Viessmann Ltd, Hortonwood 30,Telford, Shropshire, TF1 7YP | Instruction manuals dated 1st January 2005, reference: ID 104654-H English<br>Instruction manual reference: ID: 106811-H English | Wood chips or pellets[1] |
| KÖB Pyrtec (KPT) Models 390, 530, 720, 950 and 1250 and manufactured by Viessmann Ltd, Hortonwood 30,Telford, Shropshire, TF1 7YP | Instruction manual dated 1st January 2005, reference: ID 104661-F English<br>Instruction manual reference: ID: 105174-F English<br>The appliance must be fitted with multicyclone dedusters. | Wood chips or pellets[1] |
| Kooga Cleanburn Stove manufactured by Percy Doughty & Co, Imperial Point, Express Trading Estate, Stone Hill Road, Farnworth, Bolton, BL4 9TN | Instruction manual dated April 2010, reference: KCB 04/10A | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| KOZ550, 639 kW output pellet boiler manufactured by Kaylioglu Kasabasi (Izmir-Istanbul Yolu Uzeri) P.K 23 Akhisar/Manisa Turkey | Only when used with a Glosfume model BMF 208 ceramic particulate filter.<br>The Green energy engineering Ltd (GEE) KOZ550 pellet boiler owner/operator's manual dated December 2010, reference: version 1A 2010.<br>The Glosfume Ltd maintenance and instruction manual for Glosfume BMF Biomass Filter units (50 – 100 kW) dated December 2010, reference: version AEE001-VER 4 | 6 mm diameter wood pellets[1] |
| KP12, KP22 and KP62 wood pellet boilers manufactured by PONAST spol. s r.o. Na Potůčkách 163, 757 01 Valašské Meziříčí, Czech Republic | Service manual dated 25th May 2012, reference: QPP051-2.<br>Instructions for operation manual dated 25th May 2012, reference: QPP049-3 | Wood pellets[1] |
| KWB Easyfire EF2 S/GS/V 8, 12, 15, 22, 25, 30 and 35 wood pellet boilers manufactured by Kraft und Wärme aus Biomasse GmbH, Industriestraβe 235 A-8321, St Margarethen Straße, Austria | Operation manual dated May 2011, reference: B KWB Easyfire EN, 05.2011.<br>Installation manual dated May 2011, reference: M KWB Easyfire, 05.2011 | Wood pellets[1] |
| KWB Multifire 15, 25, 30, 40, 50, 60, 80, 99 and 100 wood-pellet and wood-chip fired boilers manufactured by Kraft und Wärme aus Biomasse GmbH, Industriestraβe 235 A-8321, St Margarethen Straße, Austria | The fireplace(s) must be installed, maintained and operated in accordance with the manufacturer's instructions dated August 2003, reference: BA-USV 0803. | Wood chips and wood pellets[1] |
| KWB Multifire USV 49.5 kW Wood chip and wood pellet boiler manufactured by Kraft und Wärme aus Biomasse GmbH, Industriestraβe 235 A-8321, St Margarethen Straße, Austria | Instruction manual dated June 2010, reference: BA Multifire 06.2010 | Wood chips and wood pellets[1] |
| KWB Powerfire TDS 200 199kW Boiler manufactured by Kraft und Wärme aus Biomasse GmbH, Industriestraβe 235 A-8321, St Margarethen Straße, Austria | Operation manual dated April 2013, reference: B KWB Powerfire 200-300 kW, EN, 09.2012 | Wood pellets[1] or wood chips[1] |
| KWB TDS Powerfire 130, 240 and 300 manufactured by Kraft und Wärme aus Biomasse GmbH, Industriestraβe 235 A-8321, St Margarethen Straße, Austria | The manufacturer's instructions dated 14th May 2008, reference: BA TDS-05.2008, including specification of recommended fuels | Wood pellets or wood chips[1] |

| *Fireplace* | *Conditions* | |
|---|---|---|
| KWB TDS Powerfire 150 manufactured by Kraft und Wärme aus Biomasse GmbH, Industriestraβe 235 A-8321, St Margarethen Straße, Austria | The manufacturer's instructions dated August 2005, reference: BA TDS–0805 | Wood pellets or wood chips[1] |
| Lin-ka H1500 Hot Water Boiler fitted with either a mono-cyclone (type LIN-KA 2000) or a multi-cyclone (type LIN-KA 3x2) manufactured by LIN-KA Maskinfabrik A/S, Nylandsvej 38 DK-6940 Lem St. Denmark | Instruction manual dated 27th January 2010, reference: LIN-KA H 1500 Hot Water Manual/Ver. 2005/Rev. 1.10 | Wood pellets of maximum diameter 8 mm[1] |
| Little Wenlock Classic SE Wood Fuel Stove manufactured by Aga, Station Road, Ketley, Telford, Shropshire, TF1 5AQ | Operating instructions dated 19th December 2008, reference: N00471AXX Rev 001 DP081219 | Dry and split wood logs of a maximum length of 25 cm and a maximum diameter of 10 cm[1] |
| LogFire LF6cT Wood Burning Stove manufactured by LogFire Stoves Limited, Britannia House, Junction Street, Darwen, Lancashire, BB3 2RB | Instruction manual dated 18th December 2012, reference: LF6cT-1.<br>The appliance must be fitted with a mechanical stop to prevent closure of the air control slots beyond the 21 mm open position. | Wood logs[1] |
| Lotus H370 Petite 6.6 kW insert stove manufactured by Lotus Heating Systems A/S, Agertoften 6 Denmark, 5550 | Instruction manual dated 11th October 2012, reference: Fireplace insert, Lotus H370 Petite Version 1.<br>A mechanical stop to prevent closure of the air damper beyond the 5 mm open position must be implemented. | Wood logs[1] |
| Lotus Liva 1, Liva 2, Liva 3 and Liva 4G Stoves manufactured by Lotus Heating Systems A/S, Agertoften 6, 5550 Langeskov, Denmark | Instruction manual dated January 2010, reference: Mounting and User Instructions Lotus-Liva series Stoves Version 4 | Wood logs[1] |
| Lotus Sola, Sola S, Sola M and Sola MST Stoves manufactured by Lotus Heating Systems A/S Agertoften 6, 5550 Langeskov, Denmark | Instruction manual dated January 2010, reference: Mounting and User Instructions Lotus-Sola series Stoves Version 2 | Wood logs[1] |
| Loxton 3 stoves manufactured by Mendip Stoves Limited, Unit H1, Mendip Industrial Estate, Mendip Road, Rooksbridge, Somerset, BS26 2UG | Instruction manual dated July 2012, reference: Mendip Stoves Ltd, 2012, ver 3.<br>A permanent stop to fix the secondary air control such that it cannot be closed more than 25% open must be implemented. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Loxton 5, Churchill 5 and Sqabox Uno stoves manufactured by Mendip Stoves Limited, Unit H1, Mendip Industrial Estate, Mendip Road, Rooksbridge, Somerset, BS26 2UG | Instruction manual dated July 2012, reference: Mendip Stoves Ltd, 2012, ver 3.<br>A permanent stop such that the secondary air "closed position" results in a 2.5 mm gap in the two secondary air openings must be implemented. | Wood logs[1] |
| Loxton 6, Loxton 8, Churchill 6, Churchill 8 and Sqabox Duo stoves manufactured by Mendip Stoves Limited, Unit H1, Mendip Industrial Estate, Mendip Road, Rooksbridge, Somerset, BS26 2UG | Instruction manual dated July 2012, reference: Mendip Stoves Ltd, 2012, ver 3.<br>A permanent stop on the secondary air control such that it cannot be closed more than 35% open must be implemented. | Wood logs[1] |
| Ludlow Wood Burning Smoke Exempt Stove (Ludlow Stove SE) manufactured by Aga Station Road, Ketley Telford Shropshire. TF1 5AQ | Instruction manual dated 13th July 2011, reference: N00529AXX REV:001 | Dry wood logs[1] |
| Marvic Multifuel Cassette (inset) roomheater. manufactured by Wanders Fires & Stoves, Amtweg 4, Netterden, NL-7077 AL, Netherlands | Instruction manual dated 20th December 2011, reference: INK.00.7927.<br>All appliances must be fitted with a modification to the secondary air control to ensure that the air supply holes remain 3 mm open. | Wood logs[1] |
| MEG 4.5 (also known as the Sirius 450) manufactured by Meg Stoves, FE Robinson (Hooton) Ltd, Station Works, Hooton Road, Hooton South Wirral CH66 7NF | Instruction manual dated 28th January 2011, reference: Meg Solid Fuel Stoves manual (107) | Wood logs[1] |
| Meg 5.0 stove and Sirius 600 inset stove manufactured by F.E Robinson (Hooton) Ltd, Station Works, Hooton Road, Hooton, South Wirral, CH66 7NF | Instruction manual dated 27th July 2012, reference: Manual Version 1.3.<br>The appliance must be fitted with a mechanical stop to prevent secondary air control closure beyond the 10 mm open position. | Wood logs[1] |
| MEG 7.5 (also known as the Sirius 750) manufactured by Meg Stoves, FE Robinson (Hooton) Ltd, Station Works, Hooton Road, Hooton South Wirral CH66 7NF | Instruction manual dated 28th January 2011, reference: Meg Solid Fuel Stoves manual (107) | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Mendip SE Wood Burning 5 kW Space Heating Stove manufactured by TR Engineering Limited, Unit 7, Newton Chambers Way, Thorncliffe Industrial Estate, Chapeltown, Sheffield, S35 2PH | Instruction manual dated January 2012, reference: 700273 Iss. 2 Rev. 1 | Wood logs[1] |
| Mendip SE Wood Burning 8 kW Space Heating Stove manufactured by TR Engineering Limited, Unit 7, Newton Chambers Way, Thorncliffe Industrial Estate, Chapeltown, Sheffield, S35 2PH | Instruction manual dated January 2012, reference: 700275 Iss. 2 Rev. 1 | Wood logs[1] |
| Merlin Midline ST-C and Merlin Slimline ST-D multifuel stoves manufactured by Merlin Stoves Ltd, Foregates, Holmer, Hereford HR4 9RJ | Installation and operation instruction manual dated 16th July 2013, reference: MerlinST-C&D_v1.<br>The appliance must be fitted with a mechanical stop to prevent air control closure beyond the 50 mm open position. | Wood logs[1] |
| Mescoli PB50, Mescoli PB35, and Mescoli PB28 manufactured by MESCOLI CALDAIE S.rI. Caldaie – Termocucine Via del Commercio, 285 4 1058 Vignola (MO) Italy. | Instruction and Installation manual dated January 2006, reference: SY315EVO P,C,B – COMBIFIRE 2 PB28/35/50 BOILERS, edition 1.7 | Wood pellets[1] following ÖNORM M7 135 or DIN plus (DIN 51731) |
| Micromet MEG 4.5 stove (also known as the Sirius 450) manufactured by Micromet 125 Bridge St Birkenhead Merseyside CH41 1BD | Instruction manual dated 16th June 2010, reference: Micromet Solid Fuel Stoves Manual (24) | Dry wood logs[1] |
| Micromet MEG 7.5 stove (also known as the Sirius 750) manufactured by Micromet 125 Bridge St Birkenhead Merseyside CH41 1BD | Instruction manual dated 16th June 2010, reference: Micromet Solid Fuel Stoves Manual (24) | Dry wood logs[1] |
| Milan Series 4 manufactured by Chesney's Ltd, 194-200 Battersea Park Road, London SW11 4ND | Instruction manual dated 18th November 2010, reference: CH4K Milan-V2.<br>The appliance must be fitted with a system to prevent closure of the air control beyond the 25 mm open position. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Milan Series 6 manufactured by Chesney's Ltd, 194-200 Battersea Park Road, London SW11 4ND | Instruction manual dated 18th November 2010, reference: CH6K Milan-V2. The appliance must be fitted with a system to prevent closure of the air control beyond the 40 mm open position. | Wood logs[1] |
| Monaco multifuel Stove, Staub Fonderie-Franco Belge model 1340605 manufactured by Staub Fonderie-Franco Belge, Rue Orphee Variscotte, BP73 59660 Merville, France | Instruction manual dated 4th May 2010, reference: 1303 -1. The appliance must be fitted with a mechanical stop to prevent closure of the secondary air control beyond 4 mm from closed. | Wood logs[1] |
| Mondo 1, Mondo 2 and Mondo petite stoves manufactured by Lotus Heating Systems A/S, Agertoften 6, 5550, Langeskov, Denmark | Instruction manual dated 15th October 2012, reference: Lotus-Mondo Series Stoves Version 1. A mechanical stop to prevent closure of the air dampers beyond the 8 mm open position must be implemented. | Wood logs[1] |
| Monterrey 6 , York Midi Serrano 5 manufactured by Broseley Fires Ltd, Knights Way, Battlefield Enterprise Park, Shrewsbury, Shropshire, SY1 3AB | Instruction manual dated January 2010, reference: 09TJD. The appliance must be fitted with a system that prevents the closure of the secondary air flaps to less than 8 mm open position. | Wood logs[1] |
| Morsø 1400 series consisting of the 1412 and 1442 manufactured by Morsø Jernstøberi A/S DK-7900 Nykøbing, Mors, Denmark | Installation and operation manual dated 10th January 2008, reference: 72146800 | Wood logs with a maximum moisture content of 20[1] |
| Morsø 1416, 1418, 1446 and 1448 4 kW stoves manufactured by Morsø Jernstøberi A/S, DK-7900 Nykøbing, Mors, Denmark | Instruction manual dated 31st January 2012, reference: Morsø 1416, 1418, 1446 & 1448. Instruction for Installation and use. Part No: 72150000. | Wood logs[1] |
| Morsø 3100 series consisting of the 3112 and 3142 models manufactured by Morsø Jernstøberi A/S DK-7900 Nykøbing, Mors, Denmark | Installation and operation manual dated 4th February 2008, reference: 72311200 | Wood logs with a maximum moisture content of 20%[1] |
| Morsø 6140 and 6148 manufactured by Morsø Jernstøberi A/S DK-7900 Nykøbing, Mors, Denmark | Installation and operation manual dated 4th September 2007, reference: 72610400 | Wood logs with a maximum moisture content of 20%[1] |
| Morsø Model 7600 including Model 7642, 7644 and 7648 stoves manufactured by Morsø Jernstøberi A/S, DK-7900 Nykøbing, Mors, Denmark | Instructions for installation and use 7600 dated 14th July 2010, reference: 72762200. Reference drawings Morsø 7600-137, 7600-138, 7600-139, 7600-140 and 7600-141. | Wood logs with a maximum moisture content of 20%[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Morsø Owl 3410, 3420 and 3440 for wood burning manufactured by manufactured by Morsø Jernstøberi A/S DK-7900 Nykøbing, Mors, Denmark | The manufacturer's instructions dated 1st January 2000, reference: 72345600 | Untreated dry wood which has been split, stacked and air dried, or air dried wood briquettes |
| Morsø S10-40 5 kW stove manufactured by Morsø Jernstøberi A/S, DK-7900 Nykøbing, Mors, Denmark | Instruction manual dated 31st January 2012, reference: Morsø S10. Instruction for Installation and use. Part No: 72104000. | Wood logs[1] |
| Morsø S10-70 5 kW stove manufactured by Morsø Jernstøberi A/S, DK-7900 Nykøbing, Mors, Denmark | Instruction manual dated 31st January 2012, reference: Morsø S10-70. Instruction for installation and use. Part No: 72103000. | Wood logs[1] |
| Morsø S11-40, S11-42, S11-43 and S11-90 4 kW stove manufactured by Morsø Jernstøberi A/S, DK-7900 Nykøbing, Mors, Denmark | Instruction manual dated 31st January 2012, reference: Morsø S11 serien. Instruction for Installation and use Part No: 72114200. | Wood logs[1] |
| Morsø S81-90 4 kW stove manufactured by Morsø Jernstøberi A/S, DK-7900 Nykøbing, Mors, Denmark | Instruction manual dated 30th January 2012, reference: Morsø S81-90. Instruction for Installation and use. | Wood logs[1] |
| MORSØ-Ø4 manufactured by Morsø Jernstøberi A/S, DK-7900 Nykøbing, Mors, Denmark | Instruction manuals dated 1st February 2010, references: Ø- Collection; and 72000400. The appliance must have been manufactured after 1st February 2010 and must be fitted with a system that prevents closure of the air control slider beyond the 10 mm open position. | Wood logs[1] |
| Multibio 49 pellet boiler manufactured by Ekoefekt Inc. Semecska 187, 411 15 Trebivlice, Czech Republic | Instruction manual dated 4th July 2012, reference: MB49/IM/ISSUE 001 | Wood pellets or olive kernels[1] |
| Nestor Martin "Harmony" H13 multifuel stove (5 kW) manufactured by Nestor Martin S.A., 11 Rue De Lion, B-5660, Frasnes Les Couvin, Belgium | Euroheat Distributors (HBS) Limited's operation instructions dated June 2010, reference: IN1116 Edition D5. The minimum air bleed flap must be set at a minimum of 14.5 mm. | Untreated dry wood |
| Nestor Martin "Harmony" H23 (6 kW) and H33 (8 kW) multifuel stoves manufactured by Nestor Martin S.A., 11 Rue De Lion, B-5660, Frasnes Les Couvin, Belgium | Euroheat Distributors (HBS) Limited's operation instructions dated June 2010, reference: IN1116 Edition D5 | Untreated dry wood |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Nestor Martin "Stanford" S13 multifuel stove (3.5 kW) manufactured by Nestor Martin S.A., 11 Rue De Lion, B-5660, Frasnes Les Couvin, Belgium. | Euroheat Distributors (HBS) Limited's operation instructions dated June 2010, reference: IN1116 Edition D5. The minimum air bleed flap must be set at a minimum of 14.5 mm | Untreated dry wood |
| Nestor Martin "Stanford" S23 (6 kW), SP23 (6 kW), S33 (8 kW) and SP33 (8 kW) multifuel stoves manufactured by Nestor Martin S.A., 11 Rue De Lion, B-5660, Frasnes Les Couvin, Belgium. | Euroheat Distributors (HBS) Limited's operation instructions dated June 2010, reference: IN1116 Edition D5. | Untreated dry wood |
| Nestor Martin C23 multifuel stove (7.7 kW) manufactured by Nestor Martin S.A., 11 Rue De Lion, B-5660, Frasnes Les Couvin, Belgium. | Euroheat Distributors (HBS) Limited's operation instructions dated June 2010, reference: IN1213 Edition B | Untreated dry wood |
| Nestor Martin C33 multifuel stove (9.2 kW) manufactured by Nestor Martin S.A., 11 Rue De Lion, B-5660, Frasnes Les Couvin, Belgium. | Euroheat Distributors (HBS) Limited's operation instructions dated June 2010, reference: IN1213 Edition B | Untreated dry wood |
| Nestor Martin D33 multifuel stove (8 kW) manufactured by Nestor Martin S.A., 11 Rue De Lion, B-5660, Frasnes Les Couvin, Belgium. | Euroheat Distributors (HBS) Limited's operation instructions dated June 2010, reference: IN1213 Edition B | Untreated dry wood |
| Nestor Martin IN13 Insert multifuel stove (5 kW) manufactured by Nestor Martin S.A., 11 Rue De Lion, B-5660, Frasnes Les Couvin, Belgium. | Euroheat Distributors (HBS) Limited's operation instructions dated June 2010, reference: IN1214 Edition B. The minimum air bleed flap must be set at a minimum of 14.5 mm | Untreated dry wood |
| Nestor Martin IT13 multifuel stove (3.5 kW) manufactured by Nestor Martin S.A., 11 Rue De Lion, B-5660, Frasnes Les Couvin, Belgium. | Euroheat Distributors (HBS) Limited's operation instructions dated June 2010, reference: IN1180 Edition D1. The minimum air bleed flap must be set at a minimum of 14.5 mm. | Untreated dry wood |
| Nestor Martin R23 multifuel Stove (6 kW) manufactured by Nestor Martin, S A 11 Rue De Lion, B-5660, Frasnes Les Couvin, Belgium | Euroheat Distributors (HBS) Limited's operational instructions dated November 2006, reference: IN1141 Edition B | Untreated dry wood |
| Nestor Martin R33 (8 kW) multifuel stove manufactured by Nestor Martin S.A., 11 Rue De Lion, B-5660, Frasnes Les Couvin, Belgium. | Euroheat Distributors (HBS) Limited's operation instructions dated January 2007, reference: IN1116 Edition D | Untreated dry wood |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Newark EGTL05 manufactured by Elite Group Trading Limited, Room 1208 Kak Tak, Commercial Building 317-319 Des Voeux Road,Central Hong Kong 999077 | Instruction manual dated 5th July 2011, reference: EGTL05 Version 1.4.<br>The appliance must be fitted with a permanent stop to prevent any closure of the tertiary air control. | Wood logs[1] |
| Newbourne 40 and Newbourne 50 Freestanding stoves manufactured by Pevex Enterprises Ltd Unit 16, Steven Acres, Waldringfield Suffolk IP2 4PS | Instruction manual dated January 2013, reference: Pevex 1012/AH/ver1.<br>A permanent stop must be implemented ensuring a minimum opening area of 1 $cm^2$ for the primary air slider when in the fully closed position and a tertiary air inlet area of 4 $cm^2$. | Wood logs[1] |
| Newbourne 40 inset stove manufactured by Pevex Enterprises Ltd, Unit 16, Seven Acres, Waldringfield, Suffolk, IP12 4PS | Instruction manual dated January 2013, reference: Pevex1015/AH/ver1.<br>The appliance must be fitted with permanent stops that ensure the secondary and tertiary air controls do not close beyond 1.1 cm open and 2 cm open positions respectively. | Wood logs[1] |
| Newton SE Wood Burning 5 kW Space Heating Stove manufactured by TR Engineering Limited, Unit 7, Newton Chambers Way, Thorncliffe Industrial Estate, Chapeltown, Sheffield. S35 2PH | Instruction manual dated January 2012, reference: 700504 Iss. 2 Rev 1 | Wood logs[1] |
| Newton SE Wood Burning 8 kW Space Heating Stove manufactured by TR Engineering Limited, Unit 7, Newton Chambers Way, Thorncliffe Industrial Estate, Chapeltown, Sheffield. S35 2PH | Instruction manual dated January 2012, reference: 700506 Iss. 3 Rev. 2 | Wood logs[1] |
| Nordic 350 stove manufactured by C DE A Ingenieria Ltda, Jose Miguel Carrera 6, Colina, Santiago, 9361294, Chile. | Instruction manual dated 20th July 2012, reference: 1001 | Wood logs[1] |
| Nørreskoven MkII manufactured for Hunter Stoves Ltd, Unit 6, Old Mill Industrial Estate, Stoke Canon, Devon EX5 4RJ | Instruction manual dated January 2011, reference: Cleanburn, Nørreskoven MkII multifuel stove installation and operating instructions, v01.11.<br>The appliance must be fitted with stop to prevent closure of secondary air control beyond 40%. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Norvik 5 manufactured by Elite Group Trading Limited, Room 1208 Kak Tak, Commercial Building 317-319 Des Voeux Road,Central Hong Kong 999077 | Instruction manual dated 12th September 2011, reference: EGTL05A Version 1.5.<br>The appliance must be fitted with a permanent stop to prevent any closure of the tertiary air control | Wood logs[1] |
| Octoplus 10 and Octoplus 15 Boiler manufactured by Solarfocus, Werkstrasse 1 4451 St. Ulrich, Steyr, Austria | Installation instructions dated 19th April 2010, reference: version 1.1.<br>Operating manual dated 10th May 2010, reference: version 10.051. | Wood logs[1] |
| ÖkoFEN Pellematic PE08, PE12, PE16, PE20, PE25, PE32, PEK12, PEK16, PEK20, PEK25, PEK32, PES12, PES16, PES20, PES25, PES32, PESK12, PESK16, PESK20, PESK25 and PESK32 manufactured by ÖkoFEN Forschungs- und Entwicklungs Ges.m.b.H of Gewerbepark 1, 4133 Niederkappel, Austria | ÖkoFEN operation instructions dated February 2007, reference: PE/HB/001.E | Wood pellets of maximum diameter 6 mm and maximum length 4 cm[1] |
| ÖkoFEN Pellematic PE36, PE48, PE56, PESK36, PESK48, PESK56, PEK36, PEK48, PEK56, PES36, PES48 and PES56 manufactured by ÖkoFEN Forschungs- und Entwicklungs Ges.m.b.H of Gewerbepark 1, 4133 Niederkappel, Austria | ÖkoFEN operation instructions reference: PBV 2000 CMP 1.4 (V2.31) and with revision dated March 2008 | Wood pellets of maximum diameter 6 mm and maximum length 4 cm[1] |
| Olymberyl Baby Gabriel model number HF217-SE manufactured by Henan Hi-Flame Metal Co. Ltd, Eastside, Yugang Avenue, Airport District, Zhengzhou 451163, Henan, China | Instruction manual dated June 2011, reference: HF217-SE/UK-NI-ROI/V2.16-06-11.<br>The appliance must be fitted with a mechanical stop to prevent closure of the secondary air control beyond the 3 mm open position. | Wood logs[1] |
| Optifire 800 Green, Infire 800 Green, Wood Burning Stoves, manufactured by Bodart & Gonay Limited, Rue De Lambinon, 3 Harze, Belgium, 4920 | Instruction manual dated November 2011, reference: 07DH8000A.<br>The appliance must be fitted with a UK kit for smokeless areas OPTI IF 800. | Wood logs[1] |
| Oregon EGTL03 manufactured by Elite Group Trading Limited, Room 1208 Kak Tak Commercial Building 317-319 Des Voeux Road, Central Hong Kong 999077 | Instruction manual dated 5th July 2011, reference: EGTL03 Version 1.3 | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Osby Parca P500 Type 30 wood pellet boiler using Bioline 300 pellet burner. The boiler is manufactured by Osby Parca Division Enetech AB, Box 93, S-283 22 Osby, Sweden. The burner is manufactured by Ecotec varmesystem AB Hedbovagen 42, PO Box 2103, S-511 02 Skene, Sweden | Instruction manual dated 18th July 2013, reference: Osby Parca P500 Type P30 biomass O & M: Version 1.<br>The appliance must have a management system designed so that the boiler will only operate at 100% of the rated output. | Wood pellets[1] |
| Osby Parca PB2 2000 kW boiler manufactured by Enertech AB, Osby Parca Division, PO Box 93, SE-283 22 Osby, Sweden | Operating & Maintenance manual, PB2 boiler, dated January 2012, reference: manual PB2_ENG_Rev2_JAN2012 | Wood pellets[1] |
| Osby Parca PB2 3000 kW boiler manufactured by Enertech AB, Osby Parca Division, PO Box 93, SE-283 22 Osby, Sweden | Operating & Maintenance manual, PB2 boiler, dated January 2012, reference: manual PB2_ENG_Rev2_JAN2012 | Wood pellets, wood chips, wood briquettes[1] |
| Parkray Caprice 4 manufactured by, Hunter Stoves Limited, Unit 6, The Old Mill Industrial Estate, Stoke Canon, Exeter, Devon, EX5 4RJ | Instruction manual dated 2nd December 2011, reference: JINCAP04 Rev E.<br>Instruction manual dated 5th December 2011, reference: JINCAP04SCK rev B.<br>The appliance must be fitted with smoke control area kit JCAP0401. | Wood logs[1] |
| Parkray Caprice 5 inset stove manufactured by Hunter Stoves Ltd, Trevilla Park, Slaughterbridge, Camelford, Cornwall, PL32 9TT | Instruction manual dated 10th December 2012, reference: JINCAP05 Rev B.<br>Instruction manual dated 6th July 2012, reference: JINCAP05SCK rev A.<br>The appliance must be fitted with smoke control area kit JCAP0501. | Wood logs[1] |
| Parkray Caprice 6 inset stove manufactured by Hunter Stoves Ltd, Trevilla Park, Slaughterbridge, Camelford, Cornwall, PL32 9TT | Instruction manual dated 10th December 2012, reference: JINCAP06 rev B<br>Instruction manual dated 6th July 2012, reference: JINCAP05SCK rev A<br>The appliance must be fitted with smoke control area kit JCAP0501. | Wood logs[1] |
| Parkray Chevin 5 inset stove manufactured by Hunter Stoves Limited, Trevilla Park, Slaughterbridge, Camelford, Cornwall, PL32 9TT | Instruction manual dated 10th October 2012, reference: JINCH105 rev B.<br>The valve plate adjusted by the secondary air control must contain six 5 mm holes. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Parkray Consort 5 Compact manufactured by Hunter Stoves Limited, Unit 6, Old Mill Industrial Estate, Stoke Canon, Devon, EX5 4RJ | Instruction manual dated 22nd September 2011, reference: JINCNC05 rev C.<br>Instruction manual dated 22nd July 2011, reference: JINCND05&CNC05 Slider Stop rev A.<br>The appliance must be fitted with a permanent stop that prevents closure of the secondary air slider beyond 30% open. | Wood logs[1] |
| Parkray Consort 5 manufactured by Hunter Stoves Limited, Unit 6, Old Mill Industrial Estate, Stoke Canon, Devon, EX5 4RJ | Instruction manual dated 22nd September 2011, reference: JINCND05 rev C.<br>Instruction manual dated 22nd July 2011, reference: JINCND05&CNC05 Slider Stop revA.<br>The appliance must be fitted with a permanent stop that prevents closure of the secondary air slider beyond 30% open. | Wood logs[1] |
| Parkray Consort 5 Slimline manufactured by Hunter Stoves Limited, Unit 6, Old Mill Industrial Estate, Stoke Canon, Devon, EX5 4RJ | Instruction manual dated 22nd September 2011, reference: JINHHW05 rev C | Wood logs[1] |
| Parkray Consort 7 manufactured by Hunter Stoves Limited, Unit 6, Old Mill Industrial Estate, Stoke Canon, Devon, EX5 4RJ | Instruction manual dated 22nd September 2011, reference: JNCS07 rev C | Wood logs[1] |
| Parkray Consort slimline 9 manufactured by Hunter Stoves Ltd, Trevilla Park, Slaughterbridge, Camelford, Cornwall, PL32 9TT | Instruction manual dated 14th December 2012, reference: JINCSS09 rev C | Wood logs[1] |
| PCE 50 500 kW wood chip boiler manufactured by Groupe Compte. R, Zl de Vaureil, F – 63220 Arlanc, France | Instruction manual dated 29th January 2013, reference: PCE50 rev00 | Wood chips[1] |
| PCE 70 700 kW wood chip boiler manufactured by Group Compte. R, Zl de Vaureil, F – 63220 Arlane, France | Instruction manual dated 29th January 2013, reference: PCE70 rev00 | Wood chips[1] |
| PCE 90 900 kW wood chip boiler manufactured by Groupe Compte. R, Zl de Vaureil, F – 63220 Arlane, France | Instruction manual dated 29th January 2013, reference: PCE90 rev00 | Wood chips[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| PCE 120 1200 kW wood chip boiler manufactured by Groupe Comte. R, Zl de Vaureil, F – 63220 Arlanc, France | Instruction manual dated 29th January 2013, reference: PCE120 rev00 | Wood chips[1] |
| PCE 150 1500 kW boiler manufactured by Groupe Compte. R, Zl de Vaureil, F – 63220 Arlanc, France | Instruction manual dated 29th January 2013, reference: PCE150 rev00 | Wood chips[1] |
| Pelle 5 kW stove, Vidar Small 5 kW stove and Vidar Medium 7.6 kW stove manufactured by Dik Geurts Haardkachels BV, Industrieweg Oost 11, 6662 NE Elst (Gld), The Netherlands | Instruction manual dated July 2011, reference: 8900009004 | Dry wood logs[1] |
| Pelletstar 10, 20, 30, 45 and 60 manufactured by HERZ Armaturen Ges.m.b.H, Geschäftsbereich HERZ Feuerungstechnik, A-8272 Sebersdorf 138, Austria | Operating instructions dated November 2007, reference: V2.2 | Wood pellets corresponding to ÖNORM M7135 of 6 mm diameter[1] |
| PelletTop 15 and PelletTop 25 Boiler manufactured by Solarfocus, Werkstrasse 1 4451 St.Ulrich, Steyr, Austria | Installation instructions dated 2nd September 2005, reference: version 020905.<br>Operating manual dated 27th September 2006, reference: version 270906. | Wood pellets[1] |
| Penman Heritage 100M, Mode 100M, Heritage 200M and Mode 200M multifuel stoves manufactured by Capital Fireplaces Limited, 12-17 Henlow Trading Estate, Henlow Camp, Hitchin, SG16 6DS | Installation and operating instruction manual dated May 2013, reference: Her/Mod M&W Version 1.<br>The appliance must be fitted with the manufacturer's smoke control kit. | Wood logs[1] |
| Penman Heritage 100W and Mode 100W wood-burning stoves manufactured by Capital Fireplaces Limited, 12-17 Henlow Trading Estate, Henlow Camp, Hitchin, SG16 6DS | Installation and operating instruction manual dated May 2013, reference: Her/Mod M&W Version 1 | Wood logs[1] |
| Penman Heritage 200W and Mode 200W wood-burning stoves manufactured by Capital Fireplaces Limited, 12-17 Henlow Trading Estate, Henlow Camp, Hitchin, SG16 6DS | Installation and operating instruction manual dated May 2013, reference: Her/Mod M&W Version 1.<br>The appliance must be fitted with the manufacturer's smoke control kit. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Pevex 60 convector stove manufactured by Pevex Enterprises Ltd, Unit 16, Seven Acres, Waldringfield, Suffolk, IP12 4PS | Instruction manual dated January 2013, reference: Pevex1016/AH/ver1. A permanent stop fitted to the secondary air supply that does not allow the slider to be shut off completely and remains open by 40% of its full travel whilst the tertiary air remains open by 100% must be implemented. | Wood logs[1] |
| Pevex Bohemia X 30, X 40, X40 Cube, X 50 and X 60 multi-fuel stoves manufactured by Pevex Enterprises Limited, Unit 16 Seven Acres Business Park, Newbourne Road, Waldringfield Nr Woodbridge, IP12 4PS | Instruction manual dated July 2010, reference: AH/Ver3 | Dry wood logs[1] |
| Pevex Bohemia X 40 Inset multi-fuel appliance manufactured by Pevex Enterprises Limited, Unit 16 Seven Acres Business Park, Newbourne Road, Waldringfield, Nr Woodbridge, IP12 4PS | Instruction manual dated June 2011, reference: Pevex1004/AH/ver2/. The appliance must be fitted with permanent stops that ensure the primary and tertiary air controls do not close beyond 0.5 cm open and 2 cm open positions respectively. | Dry wood logs[1] |
| Pevex Serenity 40D inset multi-fuel appliance manufactured by Pevex Enterprises Limited, Unit 16 Seven Acres Business Park, Newbourne Road, Waldringfield, Nr Woodbridge, IP12 4PS | Instruction manual dated June 2011, reference: Pevex1003/AH/ver2. The appliance must be fitted with permanent stops that ensure the secondary and tertiary air controls do not close beyond 1.1 cm open and 2 cm open positions respectively. | Dry wood logs[1] |
| PONAST KP 12S, KP 22S, KP 52S and KP 62S automatic pellet boilers manufactured by PONAST spol. s r. o. Na Potůčkách 163 757 01 Valašské Meziříčí, Czech Republic | Automatic boiler service and operation manual dated 29th July 2013, reference: Version 1.1 | Wood pellets[1] |
| Portway 1 Stove manufactured by BFM Europe Limited, Trentham Lakes, Stoke on Trent, Staffordshire, ST4 4TJ | Instruction manual reference: Solid Fuel Stoves Manual issued - 20/08/2009 (291) 2. The appliance must be used with a modification to the secondary air slide which inhibits closure further than the 25 mm from the left position. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Portway 2 and 3 Stoves manufactured by BFM Europe Limited, Trentham Lakes, Stoke on Trent, Staffordshire, ST4 4TJ | Instruction manual reference: Solid Fuel Stoves Manual issued - 20/08/2009 (291) 2.<br>The appliance must be used with a modification to the secondary air slide which inhibits closure further than the 20 mm from the left position. | Wood logs[1] |
| Portway Inset Stove manufactured by BFM Europe Limited, Trentham Lakes, Stoke on Trent, Staffordshire, ST4 4TJ | Instruction manual reference: Solid Fuel Stoves Manual issued - 20/08/2009 (291) 2.<br>A modification of the secondary air control must be implemented such that the 20 mm from left position is maintained during use. In addition the primary air control must be modified such that the minimum setting allows a bleed of air to pass through | Wood logs[1] |
| Potterton Commercial BBS 199 199kW wood pellet boiler when fitting with a multi-cyclone MK02 manufactured by WVT – Wirtschaftliche Verbrennungs-Technik GmbH, Bahnhofstrasse 55-59, D-51491, Overath-Untereschbach, Germany | Instruction manual dated July 2013, reference: Rev 1.1 | Wood pellets[1] |
| Pyroclassic IV manufactured by Pyroclassic Fires Limited, PO Box 28150, Havelock North 4157, Hawke Bay, New Zealand | Instruction manual dated August 2011, reference: PYROS 04 | Wood logs[1] |
| PZ 65 RL and PZ 100 RL pellet boilers manufactured by Biotech Energietechnik GmbH, Furtmühlstrasse 32, A-5101 Bergheim bei Salzburg | Instruction manual entitled "Assembly instruction – Instruction manual – servicing & cleaning PZ65RL/PZ100RL/PZ101RL" dated July 2012, reference: BTMoBeWe ENG | Wood pellets [1] |
| RAIS 2:1 inset stove manufactured by Rais A/S Industrivej 20, 9900, Frederikshavn, Denmark | Instruction manual dated December 2009, reference: USER MANUAL Rais 2:1 Revision 2. Part number 9106510. | Wood logs[1] |
| RAIS 700 inset stove manufactured by Rais A/S Industrivej 20, 9900, Frederikshavn, Denmark | Instruction manual dated 2010, reference: USER MANUAL Rais 700 Revision 0 | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| RAIS Epoca, Rais Poleo 95 and Rais Poleo 106 stoves manufactured by Rais A/S Industrivej 20, 9900, Frederikshavn, Denmark | Instruction manual dated December 2009, reference: USER MANUAL Rais Poleo 95 & Rais Poleo 106 Rais Epoca Revision 1. Part number 2106510. | Wood logs[1] |
| RAIS Q-Tee 57 manufactured by Rais A/S Industrivej 20, 9900, Frederikshavn, Denmark | Instruction manual dated 28th June 2011, reference: Manual for RAIS Q-Tee Revision 1. Supplementary instructions dated 7th July 2011, reference: Rais Q-Tee. The appliance must be fitted with a mechanical stop to prevent air control closure beyond the 11.7 mm open position. | Dry wood logs[1] |
| RAIS Q-Tee 65 manufactured by Rais A/S Industrivej 20, 9900, Frederikshavn, Denmark | Instruction manual dated 28th June 2011, reference: Manual for RAIS Q-Tee Revision 1. Supplementary instructions dated 7th July 2011, reference: Rais Q-Tee. The appliance must be fitted with a mechanical stop to prevent air control closure beyond the 11.7 mm open position. | Dry wood logs[1] |
| RAIS Q-Tee 85 manufactured by Rais A/S Industrivej 20, 9900, Frederikshavn, Denmark | Instruction manual dated 28th June 2011, reference: Manual for RAIS Q-Tee Revision 1. Supplementary instructions dated 7th July 2011, reference: Supplementary instructions Rais Q-Tee. The appliance must be fitted with a mechanical stop to prevent air control closure beyond the 11.7 mm open position. | Dry wood logs[1] |
| RAIS Q-Tee Wall 57, Rais Q-Tee Wall 65 and Rais Q-Tee Inset manufactured by Rais A/S Industrivej 20, 9900 Frederiksshavn, Denmark | Instruction manual dated 7th December 2012, reference: Manual for RAIS Q-Tee Revision 2. Supplementary instructions dated 31st January 2013, reference: Supplementary Instructions Rais Rev.3. The appliance must be fitted with a mechanical stop to prevent air control closure beyond the 11.7 mm open position. | Dry wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| RAIS Rondo 92 and RAIS Rondo 120 stoves manufactured by Rais A/S Industrivej 20, 9900, Frederikshavn, Denmark | Instruction manual dated December 2009, reference: USER MANUAL Rais Rondo 92 & Rais Rondo 120 revision 2. Part number 4076510. | Wood logs[1] |
| RAIS Rondo Classic and RAIS Mino II stoves manufactured by Rais A/S Industrivej 20, 9900, Frederikshavn, Denmark | Instruction manual dated March 2008, reference: USER MANUAL Rais Rondo & Rais Mino II revision 2. Part number 5056510. | Wood logs[1] |
| RAIS VIVA 98, RAIS VIVA 98G, RAIS VIVA 120, RAIS VIVA 120G, RAIS RINA 90 Wood Burning Stoves, manufactured by Rais A/S, Industrivej 20, Vangen, DK – 9900, Frederikshavn, Denmark | Instruction manual dated 29th August 2011, reference: Manual for RAIS Rina, RAIS Viva. Supplementary instructions dated 27th September 2011, reference: Supplementary Instructions Rais. The appliance must be fitted with a mechanical stop to prevent closure of the air damper beyond the 8.5 mm open position. | Wood logs[1] |
| Redfyre Kensal 20 Flat top (product code RF-EN20M), Redfyre Kensal 33 Flat top (product code RF-KEN33M and RF-KEN33W) manufactured by Redfyre Cookers, Osprey Road, Sowton Industrial Estate, Exeter, Devon, EX2 7JG | The manufacturer's instruction manual dated July 2008, reference: PM 247 Issue 1. Instruction manual dated January 2009, reference: PM280 Issue 1<br>A permanent stop must be in place on the secondary air inlet to prevent closure beyond the 50% open position | Untreated dry wood |
| Rika Como pellet stove manufactured by RIKA Innovative Ofentechnik GmbH, Müllerviertel 20, AT - 4563 Micheldorf. Austria | Instruction manual dated June 2011, reference: IN1226 Edition 1 | 6 mm wood pellets[1] |
| Rika Evo Aqua 9 and 15 manufactured by SHT Heiztechik aus Salzburg GmbH, Rechtes Salzachufer 40, A-5101, Salzburg-Bergheim, Austria | Instruction manual dated 27th February 2009, reference: J18/HB | 6 mm wood pellets[1] |
| Rika Memo pellet stove manufactured by RIKA Innovative Ofentechnik GmbH, Müllerviertel 20, AT - 4563 Micheldorf. Austria | Instruction manual dated June 2011, reference: IN1228 Edition 1 | 6 mm wood pellets[1] |
| Rika Pico pellet stove manufactured by RIKA Innovative Ofentechnik GmbH, Müllerviertel 20, AT - 4563 Micheldorf. Austria | Instruction manual dated June 2011, reference: IN1230 Edition 1 | 6 mm wood pellets[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Rika Revo pellet stove manufactured by RIKA Innovative Ofentechnik GmbH, Müllerviertel 20, AT - 4563 Micheldorf, Austria | Instruction manual dated June 2011, reference: IN1229 Edition 1 | 6 mm wood pellets[1] |
| Rika Tema 6 kW stove manufactured by Rika Innovative Ofentechnik GmbH, Müllerviertel 20, AT - 4563 Micheldorf, Austria | Instruction manual dated January 2012, reference: IN1218 Edition 2 | Wood logs[1] |
| Rika Topo pellet stove manufactured by RIKA Innovative Ofentechnik GmbH Müllerviertel 20, AT - 4563 Micheldorf. Austria | Instruction manual dated June 2011, reference: IN1227 Edition 1 | 6 mm wood pellets[1] |
| Riva 40 Cassette 4.9 kW stoves manufactured by Stovax Limited, Falcon Road, Sowton Industrial Estate, Exeter, Devon, EX2 7LF | Instruction manual dated August 2009, reference: PM235 Issue 2. Smoke control kit instruction manual dated January 2010, reference: PM375 Issue 2. A permanent stop must be positioned to prevent closure of the secondary air control below the 50% open position. | Wood logs[1] |
| Riva 40 Freestanding, Riva 40 Avanti, Riva 40 Avanti Midi and Riva 40 Avanti Highline 4.9 kW stoves manufactured by Stovax Limited, Falcon Road, Sowton Industrial Estate, Exeter, Devon, EX2 7LF | Instruction manual dated August 2009, reference: PM226 Issue 2. Smoke control kit instruction manual dated January 2010, reference: PM375 Issue 2. A permanent stop must be positioned to prevent closure of the secondary air control below the 50% open position. | Wood logs[1] |
| Riva 45 Cassette (model numbers RV45 & RV45B) inset wood burning stoves manufactured by Stovax Limited, Falcon Road, Sowton Industrial Estate, Exeter, Devon. EX2 7LF | Instruction manual dated June 2012, reference: PM375 Issue 5. Instruction manual dated June 2012, reference: PM235 Issue 5. A permanent stop must be positioned to prevent closure of the secondary air control below the 50% open position. | Wood logs[1] |
| Riva 50 Cassette (model numbers RV50 & RV50B) inset wood Burning Stoves manufactured by Stovax Limited, Falcon Road, Sowton Industrial Estate, Exeter, Devon. EX2 7LF | Instruction manual dated June 2012, reference: PM375 Issue 5. Instruction manual dated June 2012, reference: PM235 Issue 5. A permanent stop must be positioned to prevent closure of the secondary air control below the 50% open position and the primary air control fixed to allow a bleed of air to enter the firebox from underneath the grate. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Riva 55 Avanti Midi and Riva 66 Freestanding 8 kW stoves manufactured by Stovax Limited, Falcon Road, Sowton Industrial Estate, Exeter, Devon, EX2 7LF | Instruction manual dated August 2009, reference: PM226 Issue 2. Smoke control kit instruction manual dated January 2010, reference: PM375 Issue 2. A permanent stop must be positioned to prevent closure of the secondary air control below the 50% open position and the primary air control fixed to allow a bleed of air to enter the firebox from underneath the grate. | Wood logs[1] |
| Riva 55 Cassette, Riva 66 cassette, Riva 66 Avanti cassette stoves manufactured by Stovax Limited, Falcon Road, Sowton Industrial Estate, Exeter, Devon, EX2 7LF | Instruction manual dated August 2009, reference: PM235 Issue 2. Smoke control kit instruction manual dated January 2010, reference: PM375 Issue 2. A permanent stop must be positioned to prevent closure of the secondary air control below the 50% open position and the primary air control fixed to allow a bleed of air to enter the firebox from underneath the grate. | Wood logs[1] |
| Riva Plus Small (5 kW), Midi (6.5 kW) and Medium (8 kW) Stoves manufactured by Stovax Limited, Falcon Road, Sowton Industrial Estate, Exeter, Devon, EX2 7LF | Instruction manual dated June 2009, reference: PM231 Issue 3. Smoke control kit instruction manual dated November 2009, reference: PM402 Issue 1. A permanent stop must be positioned to prevent closure of the secondary air control below the 25% open position. | Wood logs[1] |
| Riva Studio 1 (5 kW) freestanding wood stove manufactured by Stovax Limited, Falcon Road, Sowton Industrial Estate, Exeter, Devon, EX2 7LF | Instruction manual dated June 2010, reference: PM452 Issue 1. Smoke control kit instruction manual dated June 2010, reference: PM400 Issue 3. A permanent stop must be positioned to prevent closure of the secondary air control below the 45% open position and the primary air control fixed to prevent full closure to allow a bleed of air to enter the firebox at the base of the fuel bed. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Riva Studio 1 Cassette (5 kW) Stove manufactured by Stovax Limited, Falcon Road, Sowton Industrial Estate, Exeter, Devon, EX2 7LF | Instruction manual dated October 2009, reference: PM274 Issue 2.<br>Smoke control kit instruction manual dated November 2009, reference: PM400 Issue 1.<br>A permanent stop must be positioned to prevent closure of the secondary air control below the 45% open position and the primary air control fixed to prevent full closure to allow a bleed of air to enter the firebox at the base of the fuel bed. | Wood logs[1] |
| Riva Studio 2 (8 kW) freestanding wood stove manufactured by Stovax Limited, Falcon Road, Sowton Industrial Estate, Exeter, Devon, EX2 7LF | Instruction manual dated June 2010, reference: PM452 Issue 1.<br>Smoke control kit instruction manual dated June 2010, reference: PM400 Issue 3.<br>A permanent stop must be positioned to prevent closure of the secondary air control below the 25% open position and the primary air control fixed to prevent full closure to allow a bleed of air to enter the firebox at the base of the fuel bed. | Wood logs[1] |
| Riva Studio 2 Cassette (8 kW) Stove manufactured by Stovax Limited, Falcon Road, Sowton Industrial Estate, Exeter, Devon, EX2 7LF | Instruction manual dated October 2009, reference: PM274 Issue 2.<br>Smoke control kit instruction manual dated November 2009, reference: PM400 Issue 1.<br>A permanent stop must be positioned to prevent closure of the secondary air control below the 25% open position and the primary air control fixed to prevent full closure to allow a bleed of air to enter the firebox at the base of the fuel bed. | Wood logs[1] |
| Riva Studio Cassette 500 RVS-500 Wood Burning inset stove manufactured by Stovax Limited, Falcon Road, Sowton Industrial Estate, Exeter, EX2 7LF | Instruction manual dated October 2012, reference: PM400 Issue 4.<br>Instruction manual dated August 2012, reference: PM274 Issue 9.<br>The appliance must be fitted with Smoke Control Kit RVS500SCKIT to prevent secondary air closure beyond the 50% open position. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Riva Studio Duplex RVS-2DS Wood Burning Stove manufactured by Stovax Limited, Falcon Road Sowton Industrial Estate, Exeter EX2 7LF | Instruction manual dated October 2012, reference: PM935 Issue 1.<br>Instruction manual dated August 2012, reference: PM904 – Issue 1.<br>The appliance must be fitted with Smoke Control Kit RVS-2DSSCKIT to prevent secondary air closure beyond the 91 mm open position. | Wood logs[1] |
| Riva Studio Freestanding 500 RVFS Wood Burning Stove manufactured by Stovax Limited, Falcon Road, Sowton Industrial Estate, Exeter, EX2 7LF | Industrial manual dated October 2012, reference: PM400 Issue 4.<br>Instruction manual dated August 2012, reference: PM452 Issue 3.<br>The appliance must be fitted with Smoke Control Kit RVS500SCKIT to prevent secondary air closure beyond the 50% open position. | Wood logs[1] |
| Riva Vision Medium (8 kW) Multifuel Stove manufactured by Stovax Limited, Falcon Road, Sowton Industrial Estate, Exeter, Devon, EX2 7LF | Instruction manual dated October 2009, reference: PM278 Issue 2a.<br>Smoke control kit instruction manual dated January 2010, reference: PM401 Issue 1.<br>A permanent stop must be positioned to prevent closure of the secondary air control below the 25% open position. | Wood logs[1] |
| Riva Vision Small (5 kW) and Riva Vision Midi (6.5 kW) Multifuel Stoves manufactured by Stovax Limited, Falcon Road, Sowton Industrial Estate, Exeter, Devon, EX2 7LF | Instruction manual dated October 2009, reference: PM278 Issue 2a.<br>Smoke control kit instruction manual dated January 2010, reference: PM401 Issue 1.<br>A permanent stop must be positioned to prevent closure of the secondary air control below the 50% open position. | Wood logs[1] |
| Robus Black Star 10, 14, 24 and 45 comfort wood pellet boilers manufactured by OPOP spol s.r.o, Zašovská 750, Valašské Meziříčí, Czech Republic | Instruction manual dated May 2013, reference: MCS 0001RE Issue 1 | Wood pellets[1] |
| Rosedale Inset Smoke Control inset roomheater manufactured by Town and Country Fires Limited, Unit 1 Enterprise Way, Thornton Road Industrial Estate, Pickering, North Yorkshire, YO18 7NA | Instruction manual dated 11th January 2012, reference: Issue No. 04.<br>The appliance must be fitted with a mechanical stop to prevent secondary air control closure beyond the 30% open position. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Rosedale SC Multifuel Stove manufactured by Town & Country Fires Limited, 1 Enterprise Way, Thornton Road Industrial Estate, Pickering, North Yorkshire, YO18 7NA | Rosedale Smoke Control Stove Installation and User Instructions "Issue 1" dated 1st May 2010.<br>The appliance must be fitted with a mechanical stop to prevent closure of the secondary air control beyond the 50% open position. | Wood logs with a maximum moisture content of 20%[1] |
| Royal Klima 18 Idro wood pellet stove boiler manufactured by Palazzetti Lelio S.p.A, Via Roveredo 103, Porcia (PN), 33080, Italy | Instruction manual dated September 2011, reference: cod. 0047700880.<br>Supplementary information entitled "Clean Air Act 1993 and Smoke Control Areas" dated January 2012, reference: 004723000. | Wood pellets[1] |
| Salamander Hobbit SE stove Model 0901 manufactured by Salamander Stoves Ltd, Cosemount Cottage, Canada Hill, East Ogwell, Newton Abbot, Devon, TQ12 6AF | Instruction manual dated March 2013, reference: 0901SE.<br>The secondary air rotating plate must be modified such that it cannot be closed further than the 4 mm open position.<br>The primary air spin wheel must be modified to prevent closure beyond the 1 half turn open position. | Wood logs[1] |
| Saltfire Double Sided DS1 wood-burning stove manufactured by Saltfire Stoves Ltd, Station Works, Johns Road, Wareham, BH20 4BG | Installation and operating instruction manual dated 4th July 2013, reference: Saltfire Double Sided DS1 Manual 1.0.<br>The appliance must be modified to prevent closure of the primary and secondary air controls beyond the 3.5 mm open position.<br>A tertiary air control system comprising two 7 mm holes on each side of the appliance and a fixed opening of 4 $cm^2$ on the underside of the stove must be implemented. | Wood logs[1] |
| Saltfire Ecoview 12, Fireglow Eco 12, and Ecowarm Crystal 12 stoves (also known as Ekol Crystal 12) manufactured by Saltfire Stoves Limited, Station Works, John's Road, Wareham, BH20 4BG | Instruction manual dated 15th December 2011, reference: Evoview12 Manual 1.0.<br>The appliance must be fitted with a mechanical stop to prevent closure of the tertiary air control beyond the 4 mm open position. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Saltfire Ecoview 5, Fireglow Eco 5, and Ecowarm Crystal 5 stoves (also known as Ekol Crystal 5) manufactured by Saltfire Stoves Limited, Station Works, John's Road, Wareham, BH20 4BG | Instruction manual dated 15th December 2011, reference: Evoview5 Manual 1.0. The appliance must be fitted with a mechanical stop to prevent closure of the tertiary air beyond the 4 mm open position. | Wood logs[1] |
| Saltfire Oslo-Eco manufactured by Saltfire Stoves Ltd, Station Works, John's Road, Wareham, BH20 4BG | Instruction manual dated 24th January 2011, reference: ECO7 operation-Revision 2A | Wood logs[1] |
| Saltfire Sturminster Inset wood-burning stove manufactured by Saltfire Stoves Ltd, Station Works, Johns Road, Wareham, BH20 4BG | Installation and operating instruction manual dated 4th July 2013, reference: Saltfire Sturminster Manual 1.0 | Wood logs[1] |
| San Remo 4SE stove manufactured by Heat Design, 30 Hawthorn Road, Western Industrial Estate, Naas Road, Dublin 12, Ireland | Instruction manual dated 25th July 2012, reference: SR468SE. The fitting of a system to prevent closure of the secondary air control beyond 5 mm open must be implemented | Wood logs[1] |
| San Remo 6SE stove manufactured by Heat Design, 30 Hawthorn Road, Western Industrial Estate, Naas Road, Dublin 12, Ireland | Instruction manual dated 25th July 2012, reference: SR468SE. The fitting of a system to prevent closure of the secondary air control beyond 75% from closed must be implemented. | Wood logs[1] |
| San Remo 8SE stove manufactured by Heat Design, 30 Hawthorn Road, Western Industrial Estate, Naas Road, Dublin 12, Ireland | Instruction manual dated 25th July 2012, reference: SR468SE. The fitting of a system to prevent closure of the secondary air control beyond 25% from closed must be implemented. | Wood logs[1] |
| San Remo SR5i Multi-fuel inset stove manufactured by Heat Design Limited, 30-60 Hawthorn Road, Western Industrial Estate, Naas Road, Dublin, Ireland | Installation and operating instruction manual dated 2nd May 2013, reference: SR5i. The appliance must be fitted with a mechanical stop to prevent secondary air control closure beyond the 3.5 mm open position. | Wood logs[1] |
| Scan Andersen 4-5 manufactured by Krog Iversen & Co. A/S DK-5492 Vissenbjerg, Denmark | The manufacturer's instruction manual dated 15th November 2007 entitled "Scan Andersen 4-5", reference: Edition 09/05-GB. A permanent stop must be in place on the secondary air inlet to prevent closure beyond 20 mm | Untreated dry wood |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Scan 58-1, Scan 58-1 Wall, Scan 58-2, Scan 58-2 Wall, Scan 58-3, Scan 58-3 Wall, Scan 58-4, Scan 58-4 Wall, Scan 58-5, Scan 58-5 Wall, Scan 58-6, Scan 58-6 Wall, Scan 58-7, Scan 58-7 High Top,<br>Scan 58-8, Scan 58-8 High Top,<br>Scan 58-9, Scan 58-9 High Top, and<br>Scan 58-10, Scan 58-10 High Top wood-burning stoves manufactured by Scan A/S. Glasvaenget 3-9, 5492 Vissenbjerg, Denmark | Scan 58 assembly and instruction manual dated 24th March 2011, reference: GB 90358500-5.<br>Scan 58 Series supplementary instructions for UK Smoke Control Areas dated 1st March 2013, reference: SCAN58SCA.<br>A mechanical stop to prevent closure of the secondary air control beyond the one-third open position must be implemented. | Wood logs[1] |
| Scan DSA 7-5 wood-burning Inset roomheater manufactured by Scan A/S, PO Box 20, 5492 Vissenberg, Denmark | Instruction manual entitled "Instructions for installation and use: SCAN DSA 6 & DSA 7-5", reference: Edition 17.09.2010.<br>Instruction manual entitled "DSA 7-5 – UK smoke control areas" dated 1 January 2012, reference: DSA 7-5 SMOKE.<br>Instruction manual entitled "Instructions for installation (including directions for use and stoking)", reference: Edition 05.10.2010 – GB.<br>The appliance must be fitted with a mechanical stop to prevent closure of the air wash control lever beyond the 50% open position. | Wood logs[1] |
| Scan Ild 1 and 4 stoves manufactured by Scan A/S, Glasvaenget 3-9, 5492 Vissenbjerg, Denmark | Instruction manual dated February 2012, reference: 11.1c.<br>The appliance must be fitted with a mechanical stop to prevent closure of the secondary air control beyond the 83 mm open position. | Wood logs[1] |
| Scan Ild 2 and 5 stoves manufactured by Scan A/S, Glasvaenget 3-9, 5492 Vissenbjerg, Denmark | Instruction manual dated February 2012, reference: 11-1d.<br>The appliance must be fitted with a mechanical stop to prevent closure of the secondary air control beyond the 83 mm open position. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Scan ILD 6 Insert stove manufactured by Scan A/S Glasvaenget 3-9, 5492 Vissenbjerg, Denmark | ILD 6 Insert stove instruction manual dated 25th February 2013, reference: 12-1b GB. The appliance must be fitted with a permanent stop preventing closure of the secondary air control beyond the 18% open position. | Wood logs[1] |
| Scan Warm 1 and 4 stoves manufactured by Scan A/S, Glasvaenget 3-9, 5492 Vissenbjerg, Denmark | Instruction manual dated February 2012, reference: 11-1a. The appliance must be fitted with a mechanical stop to prevent closure of the secondary air control beyond the 83 mm open position. | Wood logs[1] |
| Scan Warm 2 and 5 stoves manufactured by Scan A/S, Glasvaenget 3-9, 5492 Vissenbjerg, Denmark | Instruction manual dated February 2012, reference: 11-1b. The appliance must be fitted with a mechanical stop to prevent closure of the secondary air control beyond the 83 mm open position. | Wood logs[1] |
| Scandian 5MF Traditional, Scandian 5MF Modern, Scandian 8MF Traditional and Scandian 8MF Modern multifuel stoves manufactured by Capital Fireplaces Limited, 12-17 Henlow Trading Estate, Henlow Camp, Hitchen, SG16 6DS | Installation and operating instruction manual dated June 2013, reference: Scandian MF&WD Version 1. The appliance must be fitted with the manufacturer's smoke control kit. | Wood logs[1] |
| Scandian 5WD Traditional and Scandian 5WD Modern wood-burning stoves manufactured by Capital Fireplaces Limited, 12-17 Henlow Trading Estate, Henlow Camp, Hitchin, SG16 6DS | Installation and operating instruction manual dated June 2013, reference: Scandian MF&WD Version 1. | Wood logs[1] |
| Scandian 8WD Traditional and Scandian 8WD Modern wood-burning stoves manufactured by Capital Fireplaces Limited, 12-17 Henlow Trading Estate, Henlow Camp, Hitchin, SG16 6DS | Installation and operating instruction manual dated June 2013, reference: Scandian MF&WD Version 1. The appliance must be fitted with the manufacturer's smoke control kit. | Wood logs[1] |
| Schmid UTSK 180, 240, 300, 360, 450, 550, 700, 900, 1200, 1600 kw manufactured by Schmid AG Wood Firing Systems, PO Box 42, CH-8380, Eschlikon, Switzerland | Instruction manual dated 25th September 2008, reference: Instruction manual UTSK – ABC.22 – AME – S- PPU (where ABC is Model Number i.e. 180, 240, 300, 360, 450, 550, 700, 900, 1200, 1600) | Wood pellets or wood chips following CEN/TS 14961:2005[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Schmid UTSL 30, 40, 50, 65, 80, 110, 150 kW manufactured by Schmid AG Wood Firing Systems, PO Box 42, CH-8380 Eschlikon, Switzerland | Instruction manual dated 23rd December 2004, reference: Operating Manual Wooden Chips and Pellets Plant. Lignumat UTSL | Wood pellets or wood chips following CEN/TS 14961:2005[1] |
| Schmid UTSP 180, 240, 300 kW manufactured by Schmid AG, Wood Firing Systems, PO Box 42, CH-8380 Eschlikon, Switzerland | Instruction manual dated 25th September 2008, reference: Instruction manual UTSK – ABC.22 – AME – S- PPU (where ABC is Model Number i.e. 180, 240, 300) | Wood pellets following CEN/TS 14961:2005[1] |
| Schmid UTSR, 150, 180, 240, 300, 360, 450, 550, 700, 900 kW manufactured by Schmid AG, Wood Firing Systems, PO Box 42, CH-8380 Eschlikon, Switzerland | Instruction manual dated 25th September 2008, reference: Instruction manual UTSR – ABC.22 – AME – S-PPV (where ABC is Model Number i.e. 150, 180, 240, 300, 360, 450, 550, 700, 900) | Wood pellets or wood chips following CEN/TS 14961:2005[1] |
| Schmid UTSR 1200 manufactured by Schmid AG, Energy Solutions, Hörnlistrasse 12, Postfach 42, CH-8360 Eschlikon, Switzerland | Instruction manual for wood chip furnace with boiler type Schmid Pyrotronic Modular dated 24th April 2012, reference: 60110797.doc | Wood chips[1] and wood pellets[1] |
| Schmid UTSW 900.32 boiler manufactured by Schmid AG – woodfiring systems, Hörnlistrasse 12, CH-8360 Eschlikon, Switzerland | Instruction manual dated 7th January 2013, reference: Instruction manual. Wood chip furnace with boiler type Schmid Pyrotroinc Modular issue 1. Instruction manual dated 2010, reference: PersonalTouch Version 2010. EVO10V531\PT_2010_C3 | Wood chips and wood pellets[1] |
| Seguin Jade wood-burning stove manufactured by Groupe Seguin, Cheminees Seguin Duteriez, Zone Industrielle de Lhérat, 63310 France | Jade Instruction manual dated 1st January 2013, reference: WOOD STOVES MANUAL INSTALLATION – USE 1/1/2013 CHARACTERISTICS OF THE STOVE. The appliance must be fitted with a permanent stop to prevent closure of the secondary air control beyond the 40% open position. | Wood logs[1] |
| Seguin Saphir wood-burning stove manufactured by Groupe Seguin, Cheminees Seguin Duteriez, Zone Industrielle de Lhérat, 63310 France | Saphir Instruction manual dated 1st January 2013, reference: WOOD STOVES MANUAL INSTALLATION – USE 1/1/2013 CHARACTERISTICS OF THE STOVE. The appliance must be fitted with a permanent stop to prevent closure of the secondary air control beyond the 15 mm open position. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Serenity 40 FS, Serenity 40 LS, Serenity 40 FW stoves manufactured by Pevex Enterprises Ltd, Unit 16, Seven Acres, Waldringfield, Suffolk, IP12 4PS | Instruction manual dated January 2013, reference: Pevex1014/AH/ver1. The appliance must be fitted with permanent stops that ensure the secondary and tertiary air controls do not close beyond 1.1 cm open and 2 cm open positions respectively. | Wood logs[1] |
| Serenity 50FS, Serenity 50LS, Serenity 50FW and Serenity 50 Ped stoves manufactured by Pevex Enterprises Ltd, Unit 16 Seven Acres, Waldringfield, Suffolk, IP12 4PS | Instruction manual dated January 2013, reference: Pevex1014/AH/ver1. The secondary air slider must have a built-in stop to prevent the slider from shutting off completely and must remain open by at least 40% of its full travel. The tertiary air control must be factory designed with a 2 cm open slot that remains 100% open. | Wood logs[1] |
| Serenity 50 Inset stove manufactured by Pevex Enterprises Ltd, Unit 16, Seven Acres, Waldringfield, Suffolk, IP12 4PS | Instruction manual dated January 2013, reference: Pevex1014/AH/ver1. The secondary air slider must have a built-in stop to prevent the slider from shutting off completely and must remain open by at least 40% of its full travel. The tertiary air control must be factory designed with a 2 cm open slot that remains 100% open. | Wood logs[1] |
| Serrano 5 and Monterrey 6 Multi Fuel Stoves manufactured by Broseley fires Ltd, Knights Way, Battlefield Enterprise Park, Shrewsbury, Shropshire SY1 3AB | Instruction manual dated 21st December 2009, reference: TJ09C. The appliance must be fitted with a system that prevents the closure of the secondary air flaps to less than 8 mm open position. | Wood logs[1] |
| Serrano 7 Multi Fuel Stove manufactured by Broseley fires Ltd, Knights Way, Battlefield Enterprise Park, Shrewsbury, Shropshire SY1 3AB | Instruction manual dated 21st December 2009, reference: TJ09C. The appliance must be fitted with a system that prevents the closure of the secondary air flaps to less than 10 mm open position. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Silverdale 5, Amalia 5 and Oppdal 5 multifuel stoves manufactured by Broseley Fires, Knights Way, Battlefield Enterprise Park, Shrewsbury, SY1 3AB | Instruction manual dated February 2013, reference: GB12A Version 1.<br>The appliance must be fitted with a permanent stop preventing closure of the secondary air slide beyond the 23 mm open position. | Wood logs[1] |
| Silverdale 7, Amalia 7 and Oppdal 7 multifuel stoves manufactured by Broseley Fires, Knights Way, Battlefield Enterprise Park, Shrewsbury, SY1 3AB | Instruction manual dated February 2013, reference: GB12A Version 1.<br>The appliance must be fitted with a permanent stop preventing closure of the secondary air slide beyond the 50 mm open position. | Wood logs[1] |
| Sirius 450 – see Micromet MEG 4.5 and MEG 4.5 stove | | |
| Sirius 490 Sigma MF, Sirius 490 Scene MF and Sirius 790 Scene MF multifuel stoves manufactured by Capital Fireplaces Limited, 12-17 Henlow Trading Estate, Henlow Camp, Hitchin, SG16 6DS | Installation and operating instruction manual dated May 2013, reference: Sirius MF&WD Version 1.<br>The appliance must be fitted with the manufacturer's smoke control kit. | Wood logs[1] |
| Sirius 490 Sigma WD and Sirius 490 Scene WD wood-burning stoves manufactured by Capital Fireplaces Limited, 12-17 Henlow Trading Estate, Henlow Camp, Hitchin, SG16 6DS | Installation and operating instruction manual dated May 2013, reference: Sirius MF&WD Version 1 | Wood logs[1] |
| Sirius 750 – see Micromet MEG 7.5 and MEG 7.5 stove | | |
| Sirius 790 Sigma WD and Sirius 790 Scene WD wood-burning stoves manufactured by Capital Fireplaces Limited, 12-17 Henlow Trading Estate, Henlow Camp, Hitchin, SG16 6DS | Installation and operating instructions manual dated May 2013, reference: Sirius MF&WD Version 1.<br>The appliance must be fitted with the manufacturer's smoke control kit. | Wood logs[1] |
| Sirius Traditional Stove manufactured by Tianjin Focus Arts & Crafts Co, Industrial Area Gao Zhuangzi Village, Xin Zhuang Town, Jin Nan District, Tianjin, P.R. China 300350 | Instruction and operating instruction manual dated 9th November 2010, reference: v173 of 09/11/2010 | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| SP Dual 15kW boiler, SP Dual 22kW boiler, SP Dual 28kW boiler, SP Dual 34kW boiler and SP Dual 40kW boiler manufactured by Fröhling Heizkessel und Behälterbau Ges.m.b.H., Industriestraße 12, A – 4710 Grieskirchen, Austria | Dual fuel Boiler SP Dual operating instructions dated 9th October 2012, reference: B0760212_en Edition 09/10/2012 | Wood logs[1] or wood pellets[1] |
| Spartherm Stovo S, M and L Wood burning stoves manufactured by Spartherm Feuerungstechnik GmbH, Maschweg 38 Melle, Germany | Installation and operating instructions dated July 2012, reference: Version 07/2013. The appliance must be fitted with a mechanical stop to prevent secondary air control closure beyond the 13% open position. | Wood logs[1] |
| Stockton 3 Flat top (product code 7118), Stockton 4 Flat top (product code 7101 and 7102), Stockton 5 Flat top (product code 7127) Stockton 5 midline (product code 7130), Stockton 6 Flat top (product codes 7100 and 7162), Stockton 6 Highline (product code 7117) and Stockton 7 Flat top (product codes 7120 and 7163) manufactured by Stovax Limited, Falcon Road, Sowton Industrial Estate, Exeter, Devon, EX2 7LF | The manufacturer's instruction manual dated July 2008, reference: PM227 ENG Issue 2. The manufacturer's instruction manual dated January 2009, reference: PM271 Issue 2. A permanent stop must be in place on the secondary air inlet to prevent closure beyond the 50% open position. | Untreated dry wood |
| Stockton 5 Flat top (model number 7119), Stockton 5 Canopy (model number 7160) and Stockton 5 Midline (model number 7133) manufactured by Stovax Limited, Falcon Road, Sowton Industrial Estate, Exeter, Devon, EX2 7LF | The manufacturer's instruction manual reference: PM 176 – Issue 4. A permanent stop must be in place on the secondary air inlet to prevent closure beyond the 50% open position. | Untreated dry wood |
| Stockton 7 Inset Convector (product codes 7125F and 7125C) manufactured by Stovax Limited, Falcon Road, Sowton Industrial Estate, Exeter, Devon, EX2 7LF | Manufacturer's instruction manual dated May 2008, reference: PM230 Issue 1. Instruction manual dated January 2009, reference: PM281 Issue 1 A permanent stop must be in place on the secondary air inlet to prevent closure beyond the 50% open position | Untreated dry wood |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Stockton Milner (4.6 kW) inset stove – smoke control version - manufactured by Stovax Limited, Falcon Road, Sowton Industrial Estate, Exeter, Devon, EX2 7LF | Instruction manual reference: PM416 Issue 1 (June 2010).<br>Smoke control kit instruction manual reference: PM501 Issue 1 (June 2010).<br>A permanent stop must be positioned to prevent closure of the secondary air control below the 50% open position. | Wood logs[1] |
| Stoven Mayfair SE & Stoven Kensington SE 5 kW Wood Burning Stoves manufactured by Ciang Stoves Limited, South Chuangye Road, (Hanling Industrial Estate), Beiguan Section, Anyang City, Henan Provence, China. 455000. | Newman Fireplaces Limited's Instruction manual dated 27th November 2011, reference: 3-4.<br>The appliance must be fitted with mechanical stops to prevent closure of the secondary air control beyond the 25% open position and the tertiary air beyond the 1 mm open position. | Wood logs[1] |
| Strebel SRP TR 90, 90 kW output pellet boiler manufactured by Strebel Ltd, 1f Albany Park, Camberley, Surrey GU16 7PB | The Strebel SRP TR 90 pellet boiler installation manual reference: Installation and operation instructions for special pellet furnace version 09:2010 | 6 mm diameter wood pellets[1] |
| Stretton Insert Smoke Exempt Wood Fuel Stove (Stretton Stove SE) manufactured by Aga Station Road, Ketley Telford Shropshire. TF1 5AQ | Instruction manual dated 12th July 2011, reference: N00530AXX REV:001 | Dry wood logs[1] |
| STU 195 and STU 975 biomass boilers manufactured by Hoval Limited, Northgate, Newark, Nottinghamshire, NG24 1 JN | Instruction, operation and maintenance instruction manual for STU wood-pellet fired hot water boiler skid assembly "STUman" dated May 2011 | Wood pellets[1] |
| Stuv 30 Compact H stove manufactured by Stuv Sa, Rue Jules Borbouse 4, B-5170, Bois-de-Villers, Belgium | Instruction manual dated January 2013, reference: SN 131766.<br>Installation instruction manual dated January 2013, reference: SN 131766.<br>The appliance must be fitted with a mechanical stop to prevent air control closure beyond the positions between settings 3 and 4. | Wood logs[1] |
| Stuv 30 Compact IN and Stuv 30 Compact R stoves manufactured by Stuv Sa, Rue Jules Borbouse 4, B-5170, Bois-de-Villers, Belgium | Instruction manual dated January 2013, reference: SN112787.<br>Installation instruction manual dated January 2013, reference: 112787.<br>The appliance must be fitted with a mechanical stop to prevent air control closure beyond the positions between settings 3 and 4. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Stuv 30 Compact stove manufactured by Stuv Sa, Rue Jules Borbouse 4, B-5170, Bois-de-Villers, Belgium | Instruction manual dated January 2013, reference: SN 94770.<br>Installation instruction manual dated January 2013, reference: SN 94770.<br>The appliance must be fitted with a mechanical stop to prevent air control closure beyond the positions between settings 3 and 4. | Wood logs[1] |
| Suprema, Mamy and Italy Hard Top manufactured by La Nordica S.p.A., Via Summano, 104 – 36030, Montecchio Precalcino, Vicenza, Italy | Instruction manual dated 13th December 2010, reference: 7095701 Rev.09 | Wood logs[1] |
| Talbott 150-CMH 150 kW output Biomass Air Heater manufactured by Talbott's Biomass Energy Systems Ltd, Tollgate Drive, Tollgate Industrial Estate, Stafford ST16 3HS | Instruction manual for Talbott 150-CMH hand-fed Biomass Air Heater operating package dated January 2011, reference: OM-150-CMH version 1 | Softwood, hardwood, medium density fibreboard (MDF) or chipboard offcuts[1] |
| Talbott's Automatic Biomass Air Heaters models T1.5/A, T3/A, T5/A and TM/A formerly manufactured by Talbott's Heating Ltd and now manufactured by Talbott's Biomass Energy Systems Ltd, Tollgate Drive, Tollgate Industrial Estate, Stafford ST16 3HS | The manufacturer's instructions, reference: T/A JANUARY 1990 | Hardwood or softwood shavings or sawdust[1] |
| Talbott's Biomass Energy Models C1, C2, C3 and C4 formerly manufactured by Talbott's Heating Ltd and now manufactured by Talbott's Biomass Energy Systems Ltd, Tollgate Drive, Tollgate Industrial Estate, Stafford ST16 3HS | The manufacturer's instructions dated August 1995, reference: Issue C1000/C/Range | Chipboard, wood shavings or forestry chips[1] |
| Talbott's model T75, T150, T300 Biomass Air Heaters formerly manufactured by Talbott's Heating Ltd and now manufactured by Talbott's Biomass Energy Systems Ltd, Tollgate Drive, Tollgate Industrial Estate, Stafford ST16 3HS | The manufacturer's instructions dated 1st January 1995, reference: models T75, T150 and T300 'gen/sttech' | Wood offcuts, wood waste, pellets or chipboard[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Talbott's T500 Biomass Air Heater (afterburn model) formerly manufactured by Talbott's Heating Ltd and now manufactured by Talbott's Biomass Energy Systems Ltd, Tollgate Drive, Tollgate Industrial Estate, Stafford ST16 3HS | The manufacturer's instructions dated 1st January 1983, reference: A10000.<br>The afterburn cycle shall last not less than 25 minutes and must come into operation each time the loading door is opened. | Wood offcuts, wood waste, pellets or chipboard[1] |
| Termosuprema Compact DSA manufactured by La Nordica S.p.A., Via Summano, 104 – 36030, Montecchio Precalcino, Vicenza, Italy | Instruction manual dated 1st January 2011, reference: 7095802 Rev. 06 | |
| The Binder Wood Fired Boiler model RRK 1000 (1200 kW output) with multi-cyclone model MZA manufactured by Binder GmbH of Austria | The manufacturer's and Wood Energy Limited's instructions entitled "Binder Equipment Installation, Commissioning and Maintenance" dated 17th May 2005, reference: WELBinderManualrev0.doc, revision 0 | Wood pellets or wood chips[1] |
| The Binder Wood Fired Boiler model RRK 1200- 1650 with Binder model MZA multicyclone and automatic ignition manufactured by Binder GmbH of Austria | Wood Energy Limited's operating instructions for Binder appliances dated 15th July 2009, reference: 2009 July Binder O&M revision8.doc Operation and Maintenance Manual, Revision 8 | Wood pellets or wood chips[1] |
| The Binder Wood Fired Boiler model RRK 130-250 (185-230 kW output), RRK 200-350 (250-300 kW output), RRK 400-600 (350-500 kW output) and RRK 640-850 (650-840 kW output) with cyclone model type ZA manufactured by Binder GmbH of Austria | The manufacturer's and Wood Energy Limited's instructions entitled "Binder Equipment Installation, Commissioning and Maintenance" dated 17th May 2005, reference: WELBinderManualrev0.doc, revision 0 | Wood pellets or wood chips[1] |
| The Binder Wood Fired Boiler model RRK 1800- 2300 Binder model MZA multicyclone and automatic ignition manufactured by Binder GmbH of Austria | Wood Energy Limited's operating instructions for Binder appliances dated 15th July 2009, reference: 2009 July Binder O&M revision8.doc Operation and Maintenance Manual, Revision 8 | Wood pellets or wood chips[1] |
| The Binder Wood Fired Boiler model RRK 2500- 3000 with Binder model MZA multicyclone and automatic ignition manufactured by Binder GmbH of Austria | Wood Energy Limited's operating instructions for Binder appliances dated 15th July 2009, reference: 2009 July Binder O&M revision8.doc Operation and Maintenance Manual, Revision 8 | Wood pellets or wood chips[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| The Binder Wood Fired Boiler models RRK 22-49 (49 kW output) manufactured by Binder GmbH of Austria | The manufacturer's and Wood Energy Limited's instructions entitled "Binder Equipment Installation, Commissioning and Maintenance" dated 17th May 2005, reference: WELBinderManualrev0.doc, revision 0 | Wood pellets or wood chips[1] |
| The Binder Wood Fired Boiler models RRK 80-175 (75-149 kW output) with cyclone models ZA 80-175 manufactured by Binder GmbH of Austria | The manufacturer's and Wood Energy Limited's instructions entitled "Binder Equipment Installation, Commissioning and Maintenance" dated 17th May 2005, reference: WELBinderManualrev0.doc, revision 0 | Wood pellets or wood chips[1] |
| The Classic model 25, 35, 40, 49, and 60 wood pellet boilers manufactured by Hargassner GmbH, Gunderding 8, A-4952, Weng, Austria | The manufacturer's installation manual for the Classic Pellet Boilers reference: No. 22, Pellet Boilers, Type Classic 25, 31, 35, 40, 49, 60, reference: BA Classic 25L-60L Nr 21 0508 | Wood pellets[1] |
| The Clearview Pioneer 400, Solution 400 and Pioneer Oven wood burning stoves manufactured by Clearview Stoves of More Works, Bishops Castle, Shropshire, SY9 5HH | The manufacturer's instructions entitled "Operating Instructions Clearview Vision/Vision Inset/Pioneer & Solution" dated 1st July 2006, reference: V1/42 stamped and signed "Smoke Control".<br>The appliance must be fitted with a tamperproof mechanical stop on the air slide/damper. | Air-dried wood logs[1] |
| The Dunsley Yorkshire Multifuel Stove and Boiler manufactured by Dunsley Heat Limited, Bridge Mills, Huddersfield Road, Holmfirth, Huddersfield, HD9 3TW | The manufacturer's instructions dated 5th August 1998, reference: A/22160, as amended by those dated 4th October 2004, reference: GHD/DUN4B/1 | Untreated dry wood |
| | | Peat or peat briquettes with, in either case, less than 25% moisture<br><br>Union Coal Briketts, manufactured by Rheinbraun AG of Germany and comprising lignite compressed into briquettes of approximately 15 cm in length with square ends and with a sulphur content not exceeding 1% of the total weight |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| | | CPL Wildfire, manufactured by Coal Products Limited, Immingham, which comprise bituminous coal with a volatile content of 32-36% (as to approximately 96% of the total weight) and a cold cure resin binder (as to the remaining weight); are manufactured from those constituents by a process involving roll-pressing; have an average weight of between 80-90 grams or between 160-170 grams; and have a sulphur content not exceeding 1.8% of the total weight |
| The Dunsley Yorkshire Multifuel Stove manufactured by Dunsley Heat Limited, Bridge Mills, Huddersfield Road, Holmfirth, Huddersfield, HD9 3TW | The manufacturer's instructions dated 5th August 1998, reference: A/22160 as amended by those dated 4th December 2004, reference: D13 | Untreated dry wood |
| | | Peat or peat briquettes with, in either case, less than 25% moisture<br><br>Union Coal Briketts, manufactured by Rheinbraun AG of Germany comprising lignite compressed into briquettes of approximately 15 cm in length with square ends and with a sulphur content not exceeding 1% of the total weight |
| | | CPL Wildfire, manufactured by Coal Products Limited, Immingham, which— comprise bituminous coal with a volatile content of 32-36% (as to approximately 96% of the total weight) and a cold cure resin binder (as to the remaining weight); are manufactured from those constituents by a process involving roll-pressing; have an average weight of either 80-90 grams or 160-170 grams; and have a sulphur content not exceeding 1.8% of the total weight |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| | | CPL Wildfire, manufactured by Coal Products Limited, Immingham, which— comprise bituminous coal with a volatile content of 32-36% (as to approximately 96% of the total weight) and a cold cure resin binder (as to the remaining weight); are manufactured from those constituents by a process involving roll-pressing; have an average weight of either 80-90 grams or 160-170 grams; and have a sulphur content not exceeding 1.8% of the total weight |
| The Dunsley Yorkshire Stove, manufactured by Dunsley Heat Limited, Bridge Mills, Huddersfield Road, Holmfirth, Huddersfield, HD9 3TW | The manufacturer's instructions dated 5th August 1998, reference: A/22160, as amended by those dated 4th December 2004, reference: D13 | Untreated dry wood<br><br>Peat or peat briquettes with, in either case, less than 25% moisture |
| | | Union Coal Briketts, manufactured by Rheinbraun AG of Germany comprising lignite compressed into briquettes of approximately 15 cm in length with square ends and with a sulphur content not exceeding 1% of the total weight |
| | | CPL Wildfire, manufactured by Coal Products Limited, Immingham, which— comprise bituminous coal with a volatile content of 32-36% (as to approximately 96% of the total weight) and a cold cure resin binder (as to the remaining weight); are manufactured from those constituents by a process involving roll-pressing; have an average weight of either 80-90 grams or 160-170 grams; and have a sulphur content not exceeding 1.8% of the total weight |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| The Dunsley Yorkshire Woodburning Stove and Boiler manufactured by Dunsley Heat Limited, Bridge Mills, Huddersfield Road, Holmfirth, Huddersfield, HD9 3TW | The manufacturer's instructions dated 4th December 2004, reference: D13W, together with those dated 4th October 2004, reference: GHD/DUN4B/1 | Untreated dry wood |
| The Dunsley Yorkshire Woodburning Stove manufactured by Dunsley Heat Limited, Bridge Mills, Huddersfield Road, Holmfirth, Huddersfield, HD9 3TW | The manufacturer's instructions dated 4th December 2004, reference: D13W | Untreated dry wood |
| The En-tech model ENP 10, 15, 18, 25 and 35 boilers manufactured by En-tech Energietechnikproduktion GmbH, Gewerbezone 3, A-9300 St Veit, Glan-Hunnenbrunn, Austria | The manufacturer's installation manual dated November 2009, reference: IMENP 10-35 11/2009 for the Firefox pellet boiler | Wood logs[1] |
| The En-tech model PK 15 and 25 boilers manufactured by En-tech Energietechnikproduktion GmbH, Gewerbezone 3, A-9300 St Veit, Glan-Hunnenbrunn, Austria | The manufacturer's installation manual dated November 2009, reference: IMPK PK15/25 11/2009 EN for the Firefox pellet boiler | Wood pellets[1] |
| The En-tech model PK 45 boilers manufactured by En-tech Energietechnikproduktion GmbH, Gewerbezone 3, A-9300 St Veit, Glan-Hunnenbrunn, Austria | The manufacturer's installation manual dated November 2009, reference: IMPK PK45 11/2009 EN for the Firefox pellet boiler | Wood pellets[1] |
| The Extraflame Comfort Mini manufactured by Extraflame S.p.a in Montecchio Precalcino (Vicenza), Italy | The manufacturer's operating instructions dated 2nd October 2006, reference: 004275115 REV 005 | Wood pellets[1] |
| The Extraflame Idro manufactured by Extraflame S.p.a in Montecchio Precalcino (Vicenza), Italy | The manufacturer's operating instructions dated 28th August 2006, reference: 004275128 REV 002 | Wood pellets[1] |
| The Extraflame Lucrezia Idro and Lucrezia Steel manufactured by Extraflame S.p.a in Montecchio Precalcino (Vicenza), Italy | The manufacturer's operating instructions dated 12th July 2006, reference: 004275110 REV 011 | Wood pellets[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| The Extraflame: Babyfiamma, Bella and Bella Lux, Clementina, Comfort Maxi, Contessa, Divina, Divina Plus and Divina Steel, Duchessa and Duchessa Steel, Ecologica, Esmeralda and Esmeralda Crystal, Falò 1CP, Falò 2CP and Falò 1XP, Isabella, Karolina and Preziosa, all of which are manufactured by Extraflame S.p.a in Montecchio Precalcino (Vicenza), Italy | The manufacturer's operating instructions dated 5th March 2007, reference: 004275101 011 | Wood pellets[1] |
| The HSV 100 + WTH 100 boiler manufactured by Hargassner GmbH, Gunderding 8, A-4952, Weng, Austria | The manufacturer's installation manual version 44 for Wood Chip and Pellet Stoves, Type HSV 30-100, reference: BA HSV30-100 RA/RAP V44 0608 | Wood chip or wood pellets[1] |
| The HSV 50 + WTH 45, 49 or 55 boilers manufactured by Hargassner GmbH, Gunderding 8, A-4952, Weng, Austria | The manufacturer's installation manual version 44 for Wood Chip and Pellet Stoves, Type HSV 30-100, reference: BA HSV30-100 RA/RAP V44 0608 | Wood chip or wood pellets[1] |
| The HSV 80 + WTH 70 or 80 boilers manufactured by Hargassner GmbH, Gunderding 8, A-4952, Weng, Austria | The manufacturer's installation manual version 44 for Wood Chip and Pellet Stoves, Type HSV 30-100, reference: BA HSV30-100 RA/RAP V44 0608 | Wood chip or wood pellets[1] |
| The Hwam 30 (4.5 kW nominal thermal output) manufactured by HWAM Heat Design AS Nydamsvej 53, 8362 Hørning, Denmark | Euroheat Distributors (HBS) Limited's operational instructions dated November 2006, reference: IN1141 Ed B. The appliance must be fitted with a mechanism to prevent closure of the air wash/secondary air control. | Untreated dry wood |
| The Hwam Beethoven and Hwam Beethoven H (4.5 kW nominal thermal output manufactured by HWAM Heat Design AS Nydamsvej 53, 8362 Hørning, Denmark | Euroheat Distributors (HBS) Limited's operational instructions dated November 2006, reference: IN1141 Ed B. The appliance must be fitted with a mechanism to prevent closure of the air wash/secondary air control. | Untreated dry wood |
| The Hwam Mozart (4.5 kW nominal thermal output) manufactured by HWAM Heat Design AS Nydamsvej 53, 8362 Hørning, Denmark | Euroheat Distributors (HBS) Limited's operational instructions dated November 2006, reference: IN1141 Ed B. The appliance must be fitted with a mechanism to prevent closure of the air wash/secondary air control. | Untreated dry wood |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| The Hwam Ravel (4.5 kW nominal thermal output) manufactured by HWAM Heat Design AS Nydamsvej 53, 8362 Hørning, Denmark | Euroheat Distributors (HBS) Limited's operational instructions dated November 2006, reference: IN1141 Ed B. The appliance must be fitted with a mechanism to prevent closure of the air wash/secondary air control. | Untreated dry wood |
| The Hwam Vivaldi (4.5 kW nominal thermal output) manufactured by HWAM Heat Design AS Nydamsvej 53, 8362 Hørning, Denmark | Euroheat Distributors (HBS) Limited's operational instructions dated November 2006, reference: IN1141 Ed B. The appliance must be fitted with a mechanism to prevent closure of the air wash/secondary air control. | Untreated dry wood |
| The Little Thurlow Smoke Control Wood Burning Stove manufactured by Town & Country Fires Limited, 1 Enterprise Way, Thornton Road Industrial Estate, Pickering, North Yorkshire, YO18 7NA | Town and Country Fires' operating instructions dated 30th June 2007, issue No. 3 | Seasoned logs of less than 20% moisture and of a maximum length of 350 mm[(1)] |
| The Løvenholm manufactured by Hunter Stoves Limited, Unit 6, Old Mill Industrial Estate, Stoke Canon, Exeter, Devon, EX5 4RJ | Løvenholm Multifuel stove installation and operation manual version 07/08 | Untreated dry wood with a maximum moisture content of 20% |
| The Løvenholm, Løvenholm Traditional, Løvenholm European, Løvenholm Pedestal stoves manufactured by Hunter Stoves Limited, Unit 6, Old Mill Industrial Estate, Stoke Canon, Exeter, Devon, UK EX5 4RJ | Løvenholm Multifuel stove installation and operation manual version 06/09 | Untreated dry wood with a maximum moisture content of 20% |
| The Orchard Ovens models: FVR Speciale 80, 100, 110, 110 x 160 and 120; TOP Superiore 100 and 120; GR 100, 120, 140, 120 x 160, 140 x 160, 140 x 180 and 180; OT 100, 120, 140, 120 x 160, 140 x 160, 140 x 180 and 180; the Valoriani Piccolo, all of which are manufactured by Valoriani of Via Caselli alla Fornace, 213, 50066 Reggello, Firenze, Italy | The manufacturer's instructions dated 25th October 2004, references:<br><br>Instruction — Model<br>OOLinst. 1 — FVR 80<br>OOLinst. 2 — FVR 100<br>OOLinst. 3 — FVR 110<br>OOLinst. 4 — FVR 120<br>OOLinst. 5 — FVR 110 x 160<br>OOLinst. 6 — TOP 100<br>OOLinst. 7 — TOP 120<br>OOLinst. 8 — GR 100 and OT 100<br>OOLinst. 9 — GR 120 and OT 120 | Untreated dry wood |



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| *Fireplace* | *Conditions* | | |
|---|---|---|---|
| | OOLinst. 10 | GR 140 and OT 140 | |
| | OOLinst. 11 | GR 120 x 160 and OT 120 x 160 | |
| | OOLinst. 12 | GR 140 x 160 and OT 140 x 160 | |
| | OOLinst. 13 | GR 140 x 180 and OT 140 x 180 | |
| | OOLinst. 14 | GR 180 and OT 180 | |
| | OOLinst. 15 | Valoriani Piccolo | |
| The Quadra-Fire 2100 Millennium Freestanding Wood Burning Stove manufactured by Hearth & Home Technologies 1445 North Highway, Colville, WA 99114, USA | The manufacturer's instructions dated 9th October 2003, reference: 250–6931B | | Dry cured untreated wood of maximum size 38.1 cm x 10.16 cm x 5.08 cm |
| The Quadra-Fire Cumberland Gap Freestanding Wood Burning Stove manufactured by Hearth & Home Technologies 1445 North Highway, Colville, WA 99114, USA | The manufacturer's instructions dated 8th July 2003, reference: 7006–186 | | Dry cured untreated wood of maximum size 43.18 cm x 10.16 cm x 10.16 cm |
| The Quadra-Fire Yosemite Freestanding Wood Burning Stove manufactured by Hearth & Home Technologies 1445 North Highway, Colville, WA 99114, USA | The manufacturer's instructions dated 4th June 2003, reference: 7004–187 | | Dry cured untreated wood of maximum size 38.1 cm x 10.16 cm x 5.08 cm |
| The Type USP wood pellet-fired boilers, model numbers USP-10, 15, 20, 25 and 30, manufactured by KWB – Kraft und Wärme aus Biomasse GmbH of Industriestrasse 235, A-8321 St. Margarethen an der Raab, Austria | The manufacturer's instructions dated 28th July 2003, reference: BA–USP 0703 | | Wood pellets[(1)] |
| The Type USV wood pellet- and wood chipfired boilers, model numbers USV-15, 25, 30, 40, 50, 60, 80 and 100, manufactured by KWB – Kraft und Wärme aus Biomasse GmbH of Industriestrasse 235, A-8321 St Margarethen an der Raab, Austria | Instruction manual dated August 2003 2012, reference: BA-USV 0803 | | Wood pellets or wood chips[(1)] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| The Wood Waste Technology Heater, models WT10 and WT15, manufactured by Wood Waste Technology Limited, Units 1 & 2, Drummond Road, Astonfields Industrial Estate, Stafford, Staffordshire ST16 3HJ | The manufacturer's instructions dated 19th January 2005, reference: WT10 and WT15 | Medium density fibreboard, chipboard and hard and softwood offcuts[1] |
| The Wood Waste Technology Ltd WT5 manufactured by Wood Waste Technology Limited, Units 1 & 2, Drummond Road, Astonfields Industrial Estate, Stafford, Staffordshire ST16 3HJ | The manufacturer's instructions dated 16th February 2009, reference: WT5_v2 | Medium density fibreboard, chipboard and hard and softwood offcuts [1] |
| The WTH 150 and WTH 200 boilers manufactured by Hargassner GmbH, Gunderding 8, A-4952, Weng, Austria | The manufacturer's installation manual version 91 for Large Capacity Boiler WTH 150-200, reference: BA GK V90b 0309 | Wood logs or wood pellets[1] |
| Therminator II 22 and Therminator II 30 Boiler manufactured by Solarfocus, Werkstrasse 1, 4451 St.Ulrich, Steyr, Austria | Installation instructions dated July 2006, reference: Version 11/08/06.<br>Operating manual dated September 2009, reference: V8.051.<br>Maintenance instructions dated 2006, reference: Ver 1st September 2006 | Wood pellets[1] |
| Therminator II 27 and Therminator II 36 Boiler manufactured by Solarfocus, Werkstrasse 1, 4451 St.Ulrich, Steyr, Austria | Installation instructions dated July 2006, reference: Version 11/08/06.<br>Operating manual dated September 2009, reference: V8.051.<br>Maintenance instructions dated 2006, reference: Ver 1st September 2006. | Wood logs[1] |
| Therminator II 40 Boiler manufactured by Solarfocus, Werkstrasse 1, 4451 St.Ulrich, Steyr, Austria | Installation instructions dated July 2006, reference: Version 11/08/06.<br>Operating manual dated September 2009, reference: V8.051.<br>Maintenance instructions dated 2006, reference: Ver 1st September 2006. | Wood pellets or wood chips[1] |

| *Fireplace* | *Conditions* | |
|---|---|---|
| Therminator II 49 and Therminator II 60 Boiler manufactured by Solarfocus, Werkstrasse 1, 4451 St.Ulrich, Steyr, Austria | Installation instructions dated July 2006, reference: Version 11/08/06.<br>Operating manual dated September 2009, reference: V8.051.<br>Maintenance instructions dated 2006, reference: Ver 1st September 2006. | Wood logs or wood pellets or wood chips[1] |
| Thornhill T3 small manufactured by Thornhill Eco Design Ltd 58/60 Winsheap, Canterbury, Kent CT1 3RS | Instruction manual dated January 2011, reference: ED/11/05.<br>The appliance must be fitted with an air plate that prevents the teriary air controller from closing more than 17 mm and opening more than 45 mm. | Wood logs[1] |
| Tiger SuperClean stove manufactured by Tiger stoves, Focus Arts & Crafts Co, Industrial Area Gao Zhuangzi Village, Xin Zhuang Town, Jin Nan District, Tianjin, P.R.China 300350 | Instruction manual dated April 2010, reference: INSTALLATION AND OPERATING INSTRUCTIONS document v. 148 | Wood logs[1] |
| Trianco Greenflame 15 wood pellet boiler manufactured by T.R. Engineering Ltd, Unit 7, Newton Chambers Way, Thorncliffe Industrial Estate, Chapeltown, Sheffield, S35 2PH | Instruction manual dated 25th June 2012, reference: Item No. 400001 Iss. 2. | 6 mm wood pellets[1] |
| Trianco Greenflame 55, 85, 100, 125 and 199 Wood Pellet Boilers manufactured by Wood Energy Solutions Limited, Donaskeigh, Co. Tipperary, Ireland | Installation, operation and servicing instructions dated May 2012, reference: Manual Edition: Greenflame Commercial Services | Wood pellets[1] |
| Tripp TR5i Multi-fuel inset stove manufactured by Heat Design Limited, 30-60 Hawthorn Road, Western Industrial Estate, Naas Road, Dublin, Ireland | Installation and operating instruction manual dated 2nd May 2013, reference: TR5i,<br>The appliance must be fitted with a mechanical stop to prevent closure of the secondary air control beyond the 3.5 mm open position. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Turbhogar Alfa 80T and 65T, Turbhogar Beta 80T, Turbhogar Delta 80T and 65T, Turbhogar Lamda 80T and 65T, Turbhogar Sigma 80T and 65T, Turbhogar Omega 80T and Turbhogar Tau 80T and 65T fireplace inserts manufactured by Rofer and Rodi UK Ltd, Unit 10, Millennium Road, Airedale Business Centre, Skipton, North Yorkshire BD23 2TZ | Manual of assembly and use dated 20th September 2010, reference: RR 100920, and supplementary instruction manual of the same date, reference: UK 100920.<br>The appliance must be fitted with a system that prevents the full closure of the air control opening so that the air openings remain 3 mm (30%) open at the minimum setting. | Wood logs[1] |
| Turkington Engineering Woodlander 28 Wood Pellet Boiler manufactured by Wood Energy Solutions, Donaskeigh, Co. Tipperary, Ireland | Installation and Operation manual dated July 2013, reference: Version 2.1 | Wood pellets[1] |
| Turkington Engineering Woodlander 55, 85, 100, 125 and 199 Wood Pellet Boilers manufactured by Wood Energy Solutions Limited, Donaskeigh, Co. Tipperary, Ireland | Installation, operation and servicing instructions dated July 2013, reference: Manual Edition: Woodlander Commercial Series | Wood pellets[1] |
| Twin Heat CS150i manufactured by TWIN HEAT A/S, Nørrevangen 7, DK-9631 Gedsted, Denmark | Operating instructions dated 17th December 2008, reference: Version 6.0.03 | Wood pellets of a maximum length of 30 mm and diameter of 6 mm and conforming to CEN/TS 14961:2005[1] |
| Uniconfort EOS 45, EOS 50, EOS 55, EOS 65, EOS 70, EOS 75, EOS 80, EOS 85 boilers fitted with a multi-cyclone manufactured by Uniconfort srl, Via dell'Industria, 21, 35018 San Martino di Lupari, PD, Italy | Instruction manual dated May 2012, reference: Uniconfort EOS MANUAL: R1 | Wood pellets[1] |
| Uniconfort EOS 90 boiler fitted with a multi-cyclone manufactured by Uniconfort srl, Via dell'Industria, 21, 35018 San Martino di Lupari, PD, Italy | Instruction manual dated May 2012, reference: Uniconfort EOS MANUAL: R1 | Wood pellets or wood chips[1] |
| VarioWIN VA 12 kW wood pellet boiler manufactured by Windhager Zentralheizung GmbH, Anton-Windhager Str.20, A-5201 Seerkirchen bei Salzburg, Austria | Installation instruction manual dated January 2010, reference: 092947/00.<br>Operating instruction manual dated January 2010, reference: 092945/00 | Wood pellets[1], 6 mm diameter, length 80% between 15-30 mm and a density of at least 1.1kg.dm3 |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Vega 100 Clean Burn II stove manufactured by Percy Doughty & Co Limited, Imperial Point, Express Trading Estate, Stone Hill Road, Farnworth, Bolton, BL4 9TN | Instruction manual dated January 2013, reference: Vega 100 Clean Burn II Installation and Operation Instructions REV: D.<br>The appliance must be fitted with a mechanical stop to prevent secondary air control closure beyond the 50% open position. | Wood logs[1] |
| Vega 200 Clean Burn stove manufactured by Percy Doughty & Co Limited, Imperial Point, Express Trading Estate, Stone Hill Road, Farnworth, Bolton, BL4 9TN | Instruction manual dated January 2013, reference: Vega 200 Clean Burn Installation and Operation Instructions REV: D.<br>The appliance must be fitted with a mechanical stop to prevent secondary air control closure beyond the 50% open position. | Wood logs[1] |
| Vermont Castings Defiant model 1975 catalytic wood-burning stove manufactured by Vermont Castings Group, 62 Vermont Castings Road, Bethel, Vermont, 05032, United States of America | Homeowner's installation and operating manual dated July 2013, reference: 30005554 7/13 Rev. 10.<br>The appliance must be operated with the catalyst and fitted with a system that prevents closure of the air control lever beyond the 25 mm (5 o'clock) open position. | Wood logs[1] |
| Vermont Castings Encore model 2040 catalytic wood-burning stove manufactured by Vermont Castings Group, 62 Vermont Castings Road, Bethel, Vermont, 05032, United States of America | Homeowner's installation and operating manual dated July 2013, reference: 30005552 7/13 Rev. 9.<br>The appliance must be operated with the catalyst. | Wood logs[1] |
| Vesuvio 400 kW automatic pizza oven manufactured by CLM Bakery System srl, Via Monteli, 3 - 33092 Meduno (PN), Italy and previously manufactured by CLM srl, Via I Maggio 35, 31043, Fontanelle (Treviso), Italy | CLM Vesuvio oven instruction manual dated 29th November 2011, reference: Instruction and maintenance manual ENGLISH version Review 0.1 | 'CalorPan' 100% beech briquette, octagonal section, length 260-300 mm, width and height 75-90 mm. manufactured from dried beech sawdust[1] |
| View 3 (3.8 kW) and View 5 (4.9 kW) multifuel stoves manufactured by Stovax Limited, Falcon Road, Sowton Industrial Estate, Exeter, Devon, EX2 7LF | Instruction manual dated June 2010, reference: PM485 Issue 1.<br>Smoke control kit instruction manual dated June 2010, reference: PM490 Issue 1.<br>A permanent stop must be positioned to prevent closure of the secondary air control below the 50% open position. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| View 5 (4.9 kW) wood stove manufactured by Stovax Limited, Falcon Road, Sowton Industrial Estate, Exeter, Devon, EX2 7LF | Instruction manual dated June 2010, reference: PM485 Issue 1.<br>Smoke control kit instruction manual dated June 2010, reference: PM490 Issue 1.<br>A permanent stop must be positioned to prevent closure of the secondary air control below the 50% open position | Wood logs[1] |
| View 7 (7 kW) inset appliance Product code VW-7NMF manufactured by Stovax Limited, Falcon Road, Sowton Industrial Estate, Exeter, Devon, EX2 7LF | Instruction manual dated June 2011, reference: PM552 - Issue 1.<br>Smoke control kit instruction manual dated July 2011, reference: PM490 Issue 2.<br>A permanent stop must be in place on the secondary air inlet to prevent closure beyond the 50% open position. | Wood logs[1] |
| Vista Magnifico SE & Vista Perfetto SE 4.9 kW Wood Burning Stove manufactured by Ciang Stoves Limited, South Chuangye Road, (Hanling Industrial Estate), Beiguan Section, Anyang City, Henan Provence, China. 455000. | Newman Fireplaces Limited's Instruction manual dated 24th October 2011, reference: 1-2.<br>The appliance must be fitted with mechanical stops to prevent closure of the secondary air control beyond the 30% open position and the tertiary air beyond the 50% open position. | Wood logs[1] |
| Vitae 06C inset stove manufactured by Heat Design, 30 Hawthorn Road, Western Industrial Estate, Naas Road, Dublin 12, Ireland | Instruction manual dated 26th July 2012, reference: VIT06C.<br>A permanent stop to prevent closure of the secondary air control beyond 20% open must be implemented | Wood logs[1] |
| Vitae 11C inset stove manufactured by Heat Design, 30 Hawthorn Road, Western Industrial Estate, Naas Road, Dublin 12, Ireland | Instruction manual dated 26th July 2012, reference: VIT11C.<br>A permanent stop to prevent closure of the secondary air control beyond 20% open must be implemented. | Wood logs[1] |
| Westcott 5SE manufactured by Dimplex, GDC Group Ltd, Millbrook House, Grange Drive, Hedge End, Southampton SO30 2DF | Instruction manual dated 7th September 2010, reference: 08/51351/0 – Issue 0 | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Westfire Series One stove and Westfire Series Two stove manufactured by Westfire, Tømrervej 3, DK-6800 Varde, Denmark | Westfire WF One and Two series installation manual and operating instructions and supplementary instruction manual dated 1st June 2011, reference: Westfire supplementary instructions June 2011/Version 1.<br>The appliance must be fitted with a permanent stop to prevent closure of the secondary air control less than 50% open. | Wood logs[1] |
| Westfire Uniq 15, 16 and 20 (also known as WF UNIQ 15, 16 and 20) manufactured by Westfire Tømrervej 3 DK-6800 Varde, Denmark | Installation and operating instructions dated 2007, reference: WF15–WF16–WF20, together with supplementary instructions dated 2007, reference: 01wfuk.2007.<br>A permanent stop must be in place on the secondary air inlet to prevent closure beyond 50 mm. | Untreated dry wood |
| Westfire Uniq 18<br>Westfire Uniq 17<br>Westfire Uniq 19<br>Westfire Uniq 23<br>Westfire Uniq 23 side Glass<br>Westfire Uniq 23 Inset stoves manufactured by Westfire APS Tømrervej 3 DK-6800 Varde Denmark | Instruction manual reference: WESTFIRE SUPPLEMENTARY INSTRUCTIONS JUNE 2010.<br>The appliance must be fitted with a mechanical stop to prevent closure of the secondary air slide beyond the 30 mm open position. | Wood logs[1] |
| Westfire Uniq 21 stove, Westfire Uniq 21 pedestal stove and Westfire Uniq 21 wall hung stove manufactured by Westfire, Tømrervej 3, DK-6800 Varde, Denmark | Westfire WF21 installation manual and operating instructions and supplementary instruction manual dated 1st June 2011, reference: Westfire supplementary instructions June 2011/Version 1.<br>The appliance must be fitted with a permanent stop to prevent closure of the secondary air control less than 60% open. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Westfire Uniq 26 stove, Westfire Uniq 27 stove and Westfire Uniq 28 stove manufactured by Westfire, Tømrervej 3, DK-6800 Varde, Denmark | Westfire WF26, WF27, WF28 installation manual and operating instructions and supplementary instruction manual dated 1st June 2011, reference: Westfire supplementary instructions June 2011/Version 1.<br>The appliance must be fitted with a permanent stop to the secondary air slider control to prevent closure more than 20 mm from the fully closed position. | Wood logs[1] |
| Westfire Uniq 32 Inset stove and Westfire Uniq 32 Freestanding stove manufactured by Westfire, Tømrervej 3, DK-6800 Varde, Denmark | Westfire WF23/Uniq23, WF32/Uniq 32 inset stove installation manual and operating instructions and supplementary Instruction manual dated 1st June 2011, reference: Westfire supplementary instructions June 2011/Version 1.<br>The appliance must be fitted with a permanent stop to prevent closure of the secondary air control less than 50% open. | Wood logs[1] |
| Windhager BioWin 100, 150, 210 and 260 manufactured by Windhager Zentralheizung GmbH, Anton-Windhager- Str. 20, A-5201 Seerkirchen bei Salzburg, Austria | The manufacturer's instruction manual dated May 2008, reference: 0916197/00 | Wood pellets[1] |
| Windhager BioWIN 350, 450 and 600 35, 45 and 60 kW pellet boilers manufactured by Windhager Zentralheizung GmbH, Anton-Windhager-Str. 20, A-5201 Seerkirchen bei Salzburg, Austria | BioWIN operating manual dated July 2013, reference: 093209/02.<br>BioWIN installation instruction manual dated July 2013, reference: 093212/04. | Wood pellets[1] |
| Windhager FireWIN 90 and 120 manufactured by Windhager Zentralheizung GmbH, Anton-Windhager- Str. 20, A-5201 Seerkirchen bei Salzburg, Austria | The manufacturer's instruction manual dated August 2008, reference: 092125/00 | Wood pellets[1] |
| Wood Energy Solutions E-Compact 55 Wood Pellet Boiler manufactured by Wood Energy Solutions Limited, Donaskeigh, Co. Tipperary, Ireland | Installation and operating manual dated December 2012, reference: Manual Edition : E-COMPACT 55_December 2012 Issue 1 | Wood pellets[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Wood Energy Solutions E-Compact 85, 100 and 125 Wood Pellet Boilers manufactured by Wood Energy Solutions Limited, Donaskeigh, Co. Tipperary, Ireland | Installation and operating manual dated May 2012, reference: Manual Edition : E-COMPACT Commercial Series_85-125 | Wood pellets[1] |
| Wood Energy Solutions E-Compact 199 Wood Pellet Boiler manufactured by Wood Energy Solutions Limited, Donaskeigh, Co. Tipperary, Ireland | Installation and operating manual dated May 2012, reference: Manual Edition : E-COMPACT Commercial Series_199 | Wood pellets[1] |
| Wood Fired Ovens by Jamie Oliver Ltd's GR Valoriani Ristorante 100 and OT Valoriani Ristorante 100 manufactured by Valoriani of Via Caselli alla Fornace 213, 50066 Reggello, Firenze, Italy | Instruction manual dated January 2011, reference: OOLinst.8 GR 100 and OT 100 v2 | Untreated dry wood with a maximum moisture content of 20% |
| Wood Fired Ovens by Jamie Oliver Ltd's GR Valoriani Ristorante 120 and OT Valoriani Ristorante 120 manufactured by Valoriani of Via Caselli alla Fornace 213, 50066 Reggello, Firenze, Italy | Instruction manual dated January 2011, reference: OOLinst.9 GR 120 and OT 120 v2 | Untreated dry wood with a maximum moisture content of 20% |
| Wood Fired Ovens by Jamie Oliver Ltd's GR Valoriani Ristorante 120x160 and OT Valoriani Ristorante 120x160 manufactured by Valoriani of Via Caselli alla Fornace 213, 50066 Reggello, Firenze, Italy | Instruction manual dated January 2011, reference: OOLinst.11 GR 120x160 and OT 120x160 v2 | Untreated dry wood with a maximum moisture content of 20% |
| Wood Fired Ovens by Jamie Oliver Ltd's GR Valoriani Ristorante 140 and OT Valoriani Ristorante 140 manufactured by Valoriani of Via Caselli alla Fornace 213, 50066 Reggello, Firenze, Italy | Instruction manual dated January 2011, reference: OOLinst.10 GR 140 and OT 140 v2 | Untreated dry wood with a maximum moisture content of 20% |
| Wood Fired Ovens by Jamie Oliver Ltd's GR Valoriani Ristorante 140x160 and OT Valoriani Ristorante 140x160 manufactured by Valoriani of Via Caselli alla Fornace 213, 50066 Reggello, Firenze, Italy | Instruction manual dated January 2011, reference: OOLinst.12 GR 140x160 and OT 140x160 v2 | Untreated dry wood with a maximum moisture content of 20% |
| Wood Fired Ovens by Jamie Oliver Ltd's GR Valoriani Ristorante 140x180 and OT Valoriani Ristorante 140x180 manufactured by Valoriani of Via Caselli alla Fornace 213, 50066 Reggello, Firenze, Italy | Instruction manual dated January 2011, reference: OOLinst.13 GR 140x180 and OT 140x180 v2 | Untreated dry wood with a maximum moisture content of 20% |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Wood Fired Ovens by Jamie Oliver Ltd's GR Valoriani Ristorante 180 and OT Valoriani Ristorante 180 manufactured by Valoriani of Via Caselli alla Fornace 213, 50066 Reggello, Firenze, Italy | Instruction manual dated January 2011, reference: OOLinst.14 GR 180 and OT 180 v2 | Untreated dry wood with a maximum moisture content of 20% |
| Wood Fired Ovens by Jamie Oliver Ltd's Valoriani Casa 100 manufactured by Valoriani of Via Caselli alla Fornace 213, 50066 Reggello, Firenze, Italy | Instruction manual dated January 2011, reference: OOLinst.2 FVR 100 v2 | Untreated dry wood with a maximum moisture content of 20% |
| Wood Fired Ovens by Jamie Oliver Ltd's Valoriani Casa 110 manufactured by Valoriani of Via Caselli alla Fornace 213, 50066 Reggello, Firenze, Italy | Instruction manual dated January 2011, reference: OOLinst.3 FVR 110 v2 | Untreated dry wood with a maximum moisture content of 20% |
| Wood Fired Ovens by Jamie Oliver Ltd's Valoriani Casa 110x160 manufactured by Valoriani of Via Caselli alla Fornace 213, 50066 Reggello, Firenze, Italy | Instruction manual dated January 2011, reference: OOLinst.5 FVR 110x160 v2 | Untreated dry wood with a maximum moisture content of 20% |
| Wood Fired Ovens by Jamie Oliver Ltd's Valoriani Casa 120 manufactured by Valoriani of Via Caselli alla Fornace 213, 50066 Reggello, Firenze, Italy | Instruction manual dated January 2011, reference: OOLinst.4 FVR 120 v2 | Untreated dry wood with a maximum moisture content of 20% |
| Wood Fired Ovens by Jamie Oliver Ltd's Valoriani Casa 80 manufactured by Valoriani of Via Caselli alla Fornace 213, 50066 Reggello, Firenze, Italy | Instruction manual dated January 2011, reference: OOLinst.1 FVR 80 v2 | Untreated dry wood with a maximum moisture content of 20% |
| Wood Fired Ovens by Jamie Oliver Ltd's Valoriani Piccolo manufactured by Valoriani of Via Caselli alla Fornace 213, 50066 Reggello, Firenze, Italy | Instruction manual dated January 2011, reference: OOLinst.15 Valoriani Piccolo v2 | Untreated dry wood with a maximum moisture content of 20% |
| Wood Fired Ovens by Jamie Oliver Ltd's Valoriani Villa 100 manufactured by Valoriani of Via Caselli alla Fornace 213, 50066 Reggello, Firenze, Italy | Instruction manual dated January 2011, reference: OOLinst.6 TOP 100 v2 | Untreated dry wood with a maximum moisture content of 20% |
| Wood Fired Ovens by Jamie Oliver Ltd's Valoriani Villa 120 manufactured by Valoriani of Via Caselli alla Fornace 213, 50066 Reggello, Firenze, Italy | Instruction manual dated January 2011, reference: OOLinst.7 TOP 120 v2 | Untreated dry wood with a maximum moisture content of 20% |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Woodpecker 15, 25 and 45 wood pellet boilers manufactured by Woodpecker Energy UK, Abbey Manor Business Centre Preston Road. Yeovil. BA20 2EN. Previously manufactured by Garranlea Renewables Ltd of Barnard, Garranlea, New Inn, Cashel, Co. Tipperary, Ireland | Instruction manual dated May 2012, reference: Installation and Operating Manual Issue 6 | Wood pellets conforming to CEN TS 14961[1] |
| Woodpecker 50 kW wood pellet boilers manufactured by Woodpecker Energy UK, Abbey Manor Business Centre, Preston Road, Yeovil, Somerset. BA20 2EN | Instruction manual dated May 2012, reference: Installation and Operating Manual Woodpecker 50 Model Wood Pellet Boiler System Version 2 | Wood pellets conforming to CEN TS 1496[1] |
| Woodpecker Thermon 150 boiler manufactured by Woodpecker Energy UK, Abbey Manor Business Centre Preston Road. Yeovil. BA20 2EN | Instruction manual dated February 2012, reference: Installation and Operating Manual Issue 2 | 6 mm wood pellets[1] |
| Woodpecker Thermon 199 kW pellet boiler manufactured by Woodpecker Energy UK, Abbey Manor Business Centre Preston Road, Yeovil. BA20 2EN | Instruction manual dated February 2012, reference: Issue 2.0 | 6 mm wood pellets[1] |
| Woodpecker Thermon 200 boiler manufactured by Woodpecker Energy UK, Abbey Manor Business Centre Preston Road. Yeovil. BA20 2EN | Instruction manual dated February 2012, reference: Installation and Operating Manual Issue 2 | 6 mm wood pellets[1] |
| Woodpecker Thermon 250 boiler manufactured by Woodpecker Energy UK, Abbey Manor Business Centre, Preston Road. Yeovil. BA20 2EN | Instruction manual dated February 2012, reference: Installation and Operating Manual Issue 2 | 6 mm wood pellets[1] |
| Woodpecker Thermon 300 boiler manufactured by Woodpecker Energy UK, Abbey Manor Business Centre, Preston Road. Yeovil. BA20 2EN | Instruction manual dated February 2012, reference: Installation and Operating Manual Issue 2 | 6 mm wood pellets[1] |
| Woodwarm stoves Firebright SE multifuel insert stove manufactured by Metal Developments Ltd, The Workshop, Wheatcroft Farm, Cullompton, Devon, EX15 1RA | The installation and operating instruction manual dated 1st June 2013, reference: Version INSSE.<br>The appliance must be modified to prevent closure of the existing secondary air slide plate, located beneath the appliance, beyond the 3 mm open position. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Woodwarm stoves Firegem, Firewren and Fireblaze SE multifuel stoves manufactured by Metal Developments Ltd, The Workshop, Wheatcroft Farm, Cullompton, Devon, EX15 1RA | The installation and operating instruction manual dated 1st June 2013, reference: Version FSSE.<br>The appliance must be fitted with a system that prevents closure of the secondary air control beyond the 5 mm open position. | Wood logs[1] |
| Woodwarm stoves Foxfire SE woodburning stove manufactured by Metal Developments Ltd, The Workshop, Wheatcroft Farm, Cullompton, Devon, EX15 1RA | The installation and operating instructions manual dated 1st June 2013, reference: Version FFSE.<br>The appliance must be modified to prevent closure of the secondary air bleed hole beyond the 75% open position. | Wood logs[1] |
| WTA WT Auto 200 kW Airheater manufactured by Wood Waste Technology Limited, Units 1, 2 & 3 Drummond Road, Astonfields Industrial Estate, Stafford, ST16 3HJ | Instruction manual dated April 2011, reference: WTA Installation Operation & Maintenance Instructions WTA v1 Issue A | Chipboard, Medium Density Fibreboard, Softwood, Hardwood. All fuels to be chipped to a maximum size of 25 mm and a maximum moisture content of 20%. Maximum fines (sawdust) content 5%[1] |
| Xeoos 5 kW stove Versions - Natur, Style, Harmony, Pur, Classic, Elegance and Stone Xeoos 8 kW stove Versions - Basic, Pur, Classic, Elegance Stone and Air Instruction manual references manufactured by Specht Modulare Ofensysteme GmbH & Co, KG Projektmanagement Bahnhofstr. 2 D 35116 Hatzfeld, Germany | Instruction manual entitled "Operating and Installation Instructions Xeoos 5 kW/ 8 kW Model 2008", reference: Revisions – Index 01/08 Fassung Januar 2008 | Wood logs[1] conforming to DIN 51731 |
| Yeoman CL 7 (7 kW) inset appliance Product code YM-CL7NMF manufactured by Stovax Limited, Falcon Road, Sowton Industrial Estate, Exeter, Devon, EX2 7LF | Instruction manual dated June 2011, reference: PM553 - Issue 1.<br>Smoke control kit instruction manual dated June 2011, reference: PM491 Issue 2.<br>A permanent stop must be in place on the secondary air inlet to prevent closure beyond the 50% open position. | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Yeoman CL Milner Stove Product code YM-CLMB manufactured by Stovax Limited, Falcon Road, Sowton Industrial Estate, Exeter, Devon, EX2 7LF | Instruction manual dated June 2011, reference: PM559 - Issue 1.<br>Smoke control kit instruction manual dated June 2011, reference: PM491 Issue 2.<br>A permanent stop must be positioned to prevent closure of the secondary air control below the 50% open position. | Wood logs[1] |
| Yeoman CL3 (3.8 kW) and CL5 (4.9 kW) multifuel stoves manufactured by Stovax Limited, Falcon Road, Sowton Industrial Estate, Exeter, Devon, EX2 7LF | Instruction manual dated June 2010, reference: PM489 Issue 1.<br>Smoke control kit instruction manual dated 5th April 2010, reference: PM491 Issue 1.<br>A permanent stop must be positioned to prevent closure of the secondary air control below the 50% open position. | Wood logs[1] |
| Yeoman CL5 (4.9 kW) wood Stove manufactured by Stovax Limited, Falcon Road, Sowton Industrial Estate, Exeter, Devon, EX2 7LF | Instruction manual dated June 2010, reference: PM489 Issue 1.<br>Smoke control kit instruction manual dated 5 April 2010, reference: PM491 Issue 1.<br>A permanent stop must be positioned to prevent closure of the secondary air control below the 50% open position. | Wood logs[1] |
| Yeoman Devon Multifuel Flat Top 1 Door, Flat Top 2 Door, Low Canopy 1 Door, Low Canopy 2 Door, High Canopy 1 Door and High Canopy 2 Door (9 kW) Stoves manufactured by Stovax Limited, Falcon Road, Sowton Industrial Estate, Exeter, Devon, EX2 7LF | Instruction manual dated February 2008, reference: PM184 Issue 3.<br>Smoke control kit instruction manual dated January 2010, reference: PM403 Issue 1.<br>A permanent stop must be positioned to prevent closure of the secondary air control below the 50% open position and a system that ensures a gap of 1 mm for bleed of primary air when the spin wheels are rotated to their fully closed positions. | Wood logs[1] |
| Yeoman Exe Multifuel Flat Top 1 Door, Flat Top 2 Door, Low Canopy 1 Door and Low Canopy 2 Door (4.9 kW) Stoves manufactured by Stovax Limited, Falcon Road, Sowton Industrial Estate, Exeter, Devon, EX2 7LF | Instruction manual dated February 2008, reference: PM184 Issue 3.<br>Smoke control kit instruction manual dated January 2010, reference: PM403 Issue 1.<br>A permanent stop must be positioned to prevent closure of the secondary air control below the 60% open position and a system that prevents full closure of the primary air controls | Wood logs[1] |



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| *Fireplace* | *Conditions* | |
|---|---|---|
| Yeoman Exmoor Multifuel Flat Top and Multifuel Low Canopy(4.9 kW) Stoves manufactured by Stovax Limited, Falcon Road, Sowton Industrial Estate, Exeter, Devon, EX2 7LF | Instruction manual dated February 2008, reference: PM184 Issue 3.<br>Smoke control kit instruction manual dated January 2010, reference: PM403 Issue 1.<br>A permanent stop must be positioned to prevent closure of the secondary air control below the 60% open position and a system that prevents full closure of the primary air controls | Wood logs[1] |
| York Grande SE, Serrano 7 SE, Monterrey 7 SE and Monroe 7 SE multifuel stoves manufactured by Broseley Fires, Knights Way, Battlefield Enterprise Park, Shrewsbury, SY1 3AB | Instruction manual dated February 2013, reference: GB12A Version 1.<br>The appliance must be fitted with a system that prevents the closure of the secondary air slider beyond the 10mm open position. | Wood logs[1] |
| York Midi SE, Serrano 5 SE, Monterrey 5 SE and Monroe 5 SE multifuel stoves manufactured by Broseley Fires, Knights Way, Battlefield Enterprise Park, Shrewsbury, SY1 3AB | Instruction manual dated February 2013, reference: GB12A Version 1.<br>The appliance must be fitted a system that prevents the closure of the secondary air slider beyond the 8mm open position. | Wood logs[1] |

[1] The fuel must not contain halogenated organic compounds or heavy metals as a result of treatment with wood-preservatives or coatings.

## EXPLANATORY NOTE

*(This note is not part of the Order)*

This Order revokes and replaces with amendments the Smoke Control Areas (Exempted Fireplaces) (England) Order 2013 (S.I. 2013/462).

It exempts the fireplaces listed in the Schedule from the provisions of section 20 of the Clean Air Act 1993 (prohibition of smoke emissions in smoke control areas), subject to the conditions set out in the Schedule. Several additional fireplaces have been exempted.

A full impact assessment has not been produced as no impact on the private, voluntary or public sectors is foreseen.

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