

Dunsley

Wood and Multi-fuel Stoves
It's quality that counts

10
YEAR
GUARANTEE*



CE APPROVED
HETAS APPROVED



Welcome



Dunsley are one of the UK's longest standing and finest manufacturers of multi-fuel heating equipment, the firm was established in 1950 high on the Yorkshire moors of Holmfirth. The company, still run by the Broadbent family is proud of its history and is a 100% British company dedicated to producing top quality goods. A 10 year guarantee on stove models, exclusions apply*

We trust you will enjoy looking through our brochure and hope you decide on one of the stoves from our Highlander and Yorkshire ranges.

DESIGNED AND MANUFACTURED IN HOLMFIRTH, YORKSHIRE

Since Dunsley Heat developed it's first fires over 60 years ago we have been at the forefront of innovative design. With stunning quality and superior efficiency has created a stoves range that gives you dancing flames and high outputs.

THE ENVIRONMENT

The efficient combustible of various fuels is an integral part of the development process within the Highlander and Yorkshire ranges, we have developed the Enviro-burn models which uses hot tertiary air to burn the particulate exhaust matter, giving greater efficiency and a clean & clear burn.

HETAS APPROVED

Meets the requirements of the relevant British Standards BS EN 13240:2001 + AMD 2:2004 for the whole of the UK. Also meets the requirements of the Scotland Building Regulations 1999 Part F.

QUALITY AND STUNNING PERFORMANCE

Design is the cornerstone of the development process at Dunsley. Design alone is not enough to give you confidence to buy. You need the knowledge that the product has quality to match it; which is why each stove leaving our factory is quality checked at each stage of production. Ensuring that the product you purchase is a total delight for you.

The Highlander and Yorkshire stoves have been developed using the best burning technology to give you a stove with cleaner burn and high efficiencies of over 82%.

The Air Wash System has been designed to keep the glass clean to give a full view of the superb flame pattern, this is created as the flames rise to meet the incoming air, this causes secondary combustion to take place, resulting in cleaner burn and dancing flames.

All Dunsley stoves are constructed from the highest quality 4 & 10mm steel & cast iron. They are all fitted with multifuel grates which enable you to burn logs and smokeless fuels on the same grate utilising our superb mechanism to position the grate appropriately. i.e. closed for burning wood and open for smokeless fuels. The front of each grate bar rests on the shaker bar, which extends the full width of the stove. Moving this back and forth using the operating tool to agitate the grate bars to de-ash. This means that you don't have to open the door to clear the ash from the grate, thus maintaining heat & more efficient burning.



*** 3 Year guarantee on all boiler models
(exclusions apply see installation instructions)**



FS610184

CHOOSING THE RIGHT STOVE FOR YOU!

The most desirable factor when choosing the right stove for you is the heat output. We have made this easy for you with the Highlander range. Each stove is named with their approximate output. Something else to consider is the size of the stove in relation to the location of your stove. It is important to remember that you will need a further 75mm to each side of the stove and 125mm above away from any non combustible materials. Where space is limited why not look at our Slimline stoves. Even with a reduced depth they can still take large logs up to 460mm long.

Finished in black as standard there is now the option to add colour to your life with a paint finish (see page 16 for more information on options). All Highlander stoves are fitted with Black handles as standard, Satin Gold/Satin Chrome handles are available on request. The Highlander stoves have many variants and have interchangeable top or rear flue outlets.

If you want an exceptional stove that will burn fuels others can't in smoke control area, then turn to page 18 and review the Yorkshire Stove, which is available in non Boiler and Central Heating Boiler variants.

THE DUNSLEY DIFFERENCE?

All our stoves are easy to operate and are designed to enhance your relaxation time. There is nothing better than watching dancing flames through the large windows our stoves offer.

We have developed ranges allowing you the choice of doors on certain models but which one is right for you?

Everybody's location is different, which is why we have the Enviro-burn range, a multifuel stove giving a clean & clear smokeless combustion with tertiary and airwash air supply (see page 7).

Everybody's house is different, which is why we have traditional stoves like the Highlander range (see page 3) or the more modern look of the Highlander SOLO (see page 5). Now we have the new SG range, these stoves have a square window which increases the viewing area (see page 9).

Everybody's style is different, the choice is yours but which one will it be? To help, we've put a selection of image together in this brochure to illustrate how our stoves could look in your home, remember to discuss your requirements with the heating engineer prior to ordering? website to see the latest ratings.

ENERGY EFFICIENCY CLASS

Each Dunsley stove has been given an appropriate energy rating. All Dunsley stoves are rated **A** or **A+**

Throughout the brochure you will see the energy classes for each stove. As we are continually developing, we aim to achieve the best in industry standards, so check your local supplier or the website to see the latest ratings.



Highlander 5 Enviro-burn



Dunsley Highlander 5 Solo



Dunsley Highlander SOLO 5SG



Highlander 5 Enviro-burn

Hearth temperatures
for SL (Short Legs) model
burning wood logs 64°C
burning ancit 132°C

A

DESCRIPTION

HEAT OUTPUTS IN kW

Highlander 7

The Highlander 7 is capable of taking logs up to 360mm in length.

All Highlander have two controls. The one above the main door controls the amount of air required for the air wash system. The lower one controls the primary air for combustion. The Highlander 7 comes with high legs as standard and is available as a short leg (SL) version on request.

Burning wood logs 5.2kW
Burning ancit 6.0kW

Burning Efficiencies
burning wood logs 76.5%
burning ancit 75.8%

Hearth temperatures for SL version
burning wood logs 61°C
burning ancit 98°C



A

Hearth temperatures for HL version see page 7

Highlander 8

The Highlander 8 has a wide door opening and large fire bed capacity, this enables you to load the fire box with good sized logs of up to 460mm in length.

The grate mechanism can be adjusted for burning wood or other solid fuels.

Burning wood logs 7.8kW
Burning ancit 7.5kW

Burning Efficiencies
burning wood logs 77.8%
burning ancit 74.9%

Hearth Temperatures
burning wood logs 61°C
burning ancit 81°C



A

Highlander 10

Suitable for larger rooms, and a fuel box area to take logs up to 540mm in length.

Burning wood logs 10.0kW
Burning ancit 9.8kW

Burning Efficiencies
burning wood logs 74.6%
burning ancit 77.6%

Hearth Temperatures
burning wood logs 77.7°C
burning ancit 112.9°C



A



The Highlander 5 Enviro-burn Solo Slimline Pedestal

A

(with Blue Metallic Paint Finish see page 16 for more info on colours) has been designed to be the freestanding focal point of your home. It includes all of the features of the standard Enviro-burn model and a large window for uninterrupted viewing of the flames.

HEAT OUTPUTS 5kW

Burning Efficiencies

burning wood logs 79.3%
burning ancit 75.5%

Hearth Temps

Burning wood logs	32.4°C
Burning ancit	44.5°C



THE DUNSLEY HIGHLANDER SOLO single door range

The single door gives uninterrupted views of the fire area, allowing you to enjoy the flickering flames without any compromise in efficiency or heat output.

^
Detailing on the Dunsley Highlander Solo single door models. Black handles are fitted as standard with Satin Gold/Satin Chrome available on request.



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Highlander 5 Enviro-burn Solo
for more information on
the Highlander 5 Enviro-burn see page 8



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Highlander 5
Enviro-burn Solo Slimline
for more information see page 8



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Highlander 7 Enviro-burn Solo
for more information on
the Highlander 7 Enviro-burn see page 8



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Highlander 8 Enviro-burn Solo
for more information see page 8



^
Highlander 10 Solo



^
Highlander 5 Enviro-burn Solo
Slimline Pedestal



^
Highlander 5 Enviro-burn
LS Solo



^
Highlander 7 Enviro-burn
LS Solo



^
Highlander 8LS Enviro-burn
& 10 LS Solo

The Dunsley Highlander Solo Range is only available through our network of Showroom Stockists, for your nearest centre please give us a call on: 01484 682635

HIGHLANDER 7 ENVIRO-BURN SOLO

CLEAN & CLEAR: **A**

Smokeless Multifuel -
Enviro-burn clean
combustion with
tertiary and airwash
air supply.



	Outputs	Efficiency	Hearth Temps
Burning wood	6.8kW	79.9%	39.4°C
Burning ancit	7.0kW	77.1%	79.0°C

The Enviro-Burn Range

Highlander 3SG Enviro-burn



Energy efficiency class **A⁺**

burning wood logs 3.9kW
smokeless fuel 3.9kW

Burning Efficiencies
burning wood logs 82.7%
smokeless fuel 77.9%

Hearth Temperatures
burning wood logs 32.4°C
smokeless fuel 44.5°C

Highlander 5 Enviro-burn SOLO Slimline

Energy efficiency class **A**

Burning wood logs 5.0kW
Burning ancit 5.0kW

Burning Efficiencies
burning wood logs 79.3%
burning ancit 75.5%

Hearth Temperatures
burning wood logs 56°C
burning ancit 68°C



Highlander 5 Enviro-burn

Energy efficiency class **A**

Burning wood logs 5.0kW
smokeless fuel 5.0kW

Burning Efficiencies
burning wood logs 77.5%
smokeless fuel 79.2%

Hearth temperatures for HL version
burning wood logs 56°C
smokeless fuel 61°C
See page 3 for SL version



SOLO
VERSION

Highlander 7 Enviro-burn SOLO

Energy efficiency class **A**

Burning wood logs 6.8kW
Burning ancit 7.0kW

Burning Efficiencies
burning wood logs 79.9%
burning ancit 77.1%

Hearth temperatures
burning wood logs 39.4°C
burning ancit 79.0°C



Highlander 8 Enviro-burn SOLO

Energy efficiency class **A**

Burning wood logs 7.5kW
smokeless fuel 8.1kW

Burning Efficiencies
burning wood logs 75.0%
smokeless fuel 75.6%

Hearth Temperatures
burning wood logs 59°C
smokeless fuel 50°C



All Enviroburn models are passed for burning wood in smoke controlled areas. Outputs will vary with the type of fuel used and the burning rate. The Slimline model has been developed to fit where space is limited. Even with the reduced depth, it can still take large logs up to 460mm long.

The Highlander Multi-fuel SG Range Smoke Exempt by DEFRA

Energy efficiency class

So you can enjoy the dancing flames of the Dunsley Highlander Solo stoves even more, we have developed the SG RANGE to give a larger window.



3SG
with Shimmering Rose
Paint Finish



5SG
with Almond
Paint Finish



5SG Slimline



7SG
with Blue Metallic
Paint Finish
(See page 16 for more info
on paint finishes)



8SG



5SG Slimline Pedestal



These multi-fuel models are smoke exempt by DEFRA for burning wood in smoke control areas.

ENERGY EFFICIENCY CLASS - Each Dunsley stove has been given an appropriate energy rating. All Dunsley stoves are rated **A** or **A+**. As we are continually developing, we aim to achieve the best in industry standards, so check your local supplier or the website to see the latest ratings.



5SG Log Store



8SG Log Store



10SG Log Store



8SG
Double Fronted



8SG
Central Heating version



10SG
Central Heating version
Also available as a non boiler model



Highlander 5SG Logstore



Highlander 8 Double Fronted Stove

The Highlander 8 double fronted stove is ideal for homes, pubs or hotels that have, or wish to create a central chimney room setting as a focal point.

The grate mechanism can be adjusted for burning wood or other solid fuels.

Please note - the Highlander 8 Double fronted is only available with top flue connection.



^
Dunsley
Highlander 8 Solo
Double Fronted Stove



< Highlander 8
Double Fronted Stove

SEE PAGE 16 FOR
MEASUREMENTS
AND ACCESSORIES

HEAT OUTPUTS IN kW

burning wood logs 7.1kW
burning ancit 7.2kW

Burning Efficiencies

burning wood logs 72.9%
burning ancit 67.0%

Hearth Temperatures

burning wood logs 62°C
burning ancit 77°C

LOG STORE TEMPERATURES

The temperature within the log store area is 64.8°C above the ambient.

Dunsley Highlander Log Store

The Highlander Multi-Fuel range of stoves is complemented by a Log Store model which has all the features of our standard range of stoves.

The Log Store has top or rear flue outlets which can be changed on site. Leveling adjusting bolts are fitted as standard at each corner to assist on uneven floors.

The Log Store range is ideal for homes where a chimney is built, to make a feature against a wall or fitting into an Inglenook type fireplace opening.

The log store area is large enough on each stove to store logs for a cold Winter's night, with the radiant heat and flickering flames reminding you of warm rays of sunshine.

Highlander 7 >
Log Store



Highlander 8 Log Store
with double doors



Highlander 5
Enviroburn >
Log Store



< Highlander 10
Log Store with
standard double
doors



Vented slots in the side of the log stores improve convected heat to the room

Log Stores
are also available as a
SOLO model see page 6
and **SG model** see
page 9

SEE PAGE 16 FOR MEASUREMENTS
AND ACCESSORIES



Highlander 10 Central Heating Model 

Central Heating Models

Dunsley Highlander 8CH and 10CH



Highlander 8CH >



< Highlander 8CH Solo

The Highlander 8 and 10 are fitted with a fully integral boiler for central heating and domestic hot water as well as providing heat into the room.

They have a built-in thermostat which automatically monitors the central heating temperature and controls the incoming air to regulate how the fire burns to meet the central heating requirements.

These stoves can be supplied with an external air intake pipe which is fitted to the air box underneath the stove, this allows combustion air to be taken from outside the building. At present 'building regulations' state you must have a permanent open air vent into the room where the stove is sited. Air vents can cause draughts. With the addition of our air-kit it helps eliminate draughts because over 80% of the air required for the stove is taken through the kit. It will reduce the number of air changes within the room, so significantly reducing the heat loss and the need for air being pulled through the regulation air vent.

The Stoves have multifuel grate bars and Black Handles as standard, Satin Gold/Satin Chrome Handles are available on request.

Please note - the Highlander central heating models are only available with top flue connection. A canopy can be supplied on request.

Built to the highest standards, these quality stove are designed for intermittent or continual use.

All our stoves are HETAS APPROVED.

	HIGHLANDER 8	HIGHLANDER 10
Four hour refueling	Burning Ancit the efficiency is 71.3%	Burning Ancit the efficiency is 73.8%
Output to Water	7.7kW (26,272 BTU's)	10.5kW (35,826 BTU's)
Output to Room	3.8kW (12,965 BTU's)	3.9kW (13,306 BTU's)
TOTAL	11.5kW (39,237 BTU's)	14.4kW (49,132 BTU's)
one hour refueling	Burning Logs the efficiency is 72.8%	Burning Logs the efficiency is 74.2%
Output to Water	5.8kW (19,789 BTU's)	8.2kW (27,978 BTU's)
Output to Room	3.9kW (13,306 BTU's)	5.2kW (17,742 BTU's)
TOTAL	9.7kW (33,095 BTU's)	13.4kW (45,720 BTU's)
Hearth Temps		
Burning wood logs	22°C	41°C
Burning ancit	67°C	105°C

Higher outputs can be achieved by adjusting the boiler thermostat.
SEE PAGE 16 FOR MEASUREMENTS AND ACCESSORIES



< Highlander 10 SOLO CH



10SG 

non boiler model

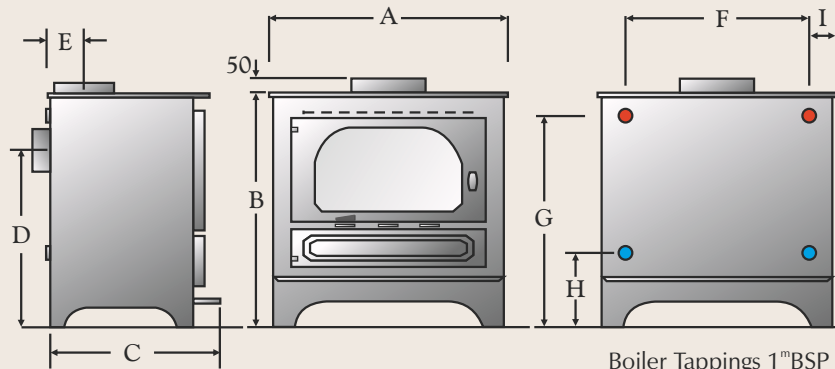


Dimensions and flue sizes

measurements in millimetres

The 3 & 5 has a 5" DIA 125mm flue outlet.

The 7, 8, 10 and 16 takes a 6" DIA 150mm flue outlet.



Boiler Tappings 1" BSP

Model	A	B	C	D	E	F	G	H	I
Highlander 3SG	340	560	385	445	105	-	-	-	-
Highlander 5 Short Leg (SL)	425	560	385	445	105	-	-	-	-
Highlander 5 High Leg (HL)	425	630	385	515	105	-	-	-	-
Highlander 5 Slimline	605	630	300	515	105	-	-	-	-
Highlander 5 Slimline Pedestal	605	825	420	700	105	-	-	-	-
Highlander 5 Log Store	425	830	385	710	105	-	-	-	-
Highlander 7 Short Leg (SL)	520	650	385	536	118	-	-	-	-
Highlander 7 High Leg (HL)	520	720	385	606	118	-	-	-	-
Highlander 7 Log Store	520	920	385	800	118	-	-	-	-
Highlander 8	605	630	385	515	118	-	-	-	-
Highlander 8 Double Fronted	605	630	450	-	210	-	-	-	-
Highlander 8 Central Heating (CH)	605	645	385	-	118	400	600	340	100
Highlander 8 Log Store	605	900	385	780	118	-	-	-	-
Highlander 10	690	630	385	515	118	-	-	-	-
Highlander 10 Central Heating (CH)	690	645	485	-	118	485	600	250	100
Highlander 10 Log Store	690	900	385	780	118	-	-	-	-

BEFORE YOU DECIDE

Of course, we would like you to choose a Dunsley 'Highlander' stove - before you do, may we suggest you check the following advantages

- 3 Year guarantee on all boiler models and 10 Year on all others (exclusions apply see installation instructions)
- Fitted with cast iron multi fuel riddling grate as standard
- Chrome iron grate bars are available, as an optional extra
- Very efficient air wash, which also improves fuel efficiency
- Large ash capacity below grate bars
- All Highlander stoves can be used in "smoke controlled areas" when burning authorised smokeless fuels
- All Enviro-burn models can burn wood and smokeless fuels in smoke control areas

COLOUR PAINT FINISH

As well as our outstanding Black Paint Finish standard on all our stove we can now offer a number of different colours available as an optional extra. Remember each stove is different and the actual paint colour may vary slightly from our brochure, so please ask your dealer to see the Stovebright colour chart.

6283 ALMOND

6311 HONEY-GLO BROWN

6196 BLUE METALLIC

6201 CHARCOAL

6329 SHIMMERING ROSE

6319 MOJAVE RED

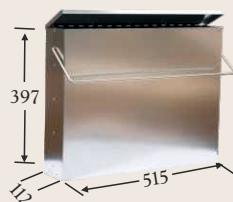
6159 METALLIC BROWN

6198 FOREST GREEN

Dunsley Highlander Accessories

The ash container and fuel carrier are also suitable for most room heaters, stoves and open fires

measurements in millimetres



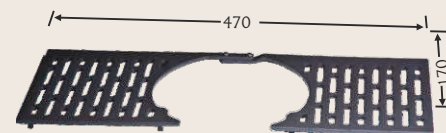
Multi-Fuel Ash Container
Part No. 01414

The Highlander ash shovel slides into the ash container to avoid possible spillage of ash when carrying through your residence.



Fuel Carrier
Part No. 01429

The nose fits easily through the door of the Highlander to re-fuel.



Trivet. Part No. 02040

The Trivet fixes at each side of the flue, held in position by two screws and raised slightly from the stove top to provide an area at the rear of the hot plate or griddle to keep food or coffee warm. Only suitable for stoves with a 6" dia spigot.

Stove Canopy with Top Flue Outlet



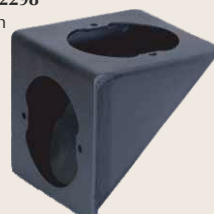
Stove Canopy with rear flue Outlet

If it is intended to fit the canopy onto the stove add 135mm to the height.

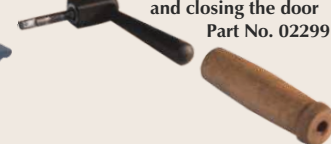
All SOLO models are Available with hardwood handle



Rear Flue Adapter
Part No. 02298
Available in 5" and 6" sizes



Sliding wood handle sleeve for use when opening and closing the door
Part No. 02299





Yorkshire Stove

A+

HOW IT WORKS:

In ordinary stoves, air comes up beneath the fuel, so that smoke (which is tiny particles of unburned fuel), heat and waste gases are thrown from the top of the fuel into the chimney. The Yorkshire is different - air enters above the fuel, sweeping in front of the window, forcing smoke down into the hottest part of the fire and on into a refractory-lined 'afterburn' chamber. Highly turbulent air is introduced to the hot smoke, which ignites generating temperatures of up to 1,100°C. The result is not just near-zero smoke emission, but greatly improved efficiency, virtually instant controllability and a truly astonishing swirling flame pattern. Because the Yorkshire stove boiler is a down burning appliance the need for a good insulated flue is essential to the working of the stove and a draft of the flue should be 0.15 mbar min pressure.



MAXIMUM HEAT OUTPUT UNDER TEST CONDITIONS:

REFUELLING EVERY ONE HOUR	BOILER MODELS			
	To room	To water	Total	Efficiency
Beech Logs	6.6 kW	7.9 kW	14.5 kW	80.0%
Anthracite	6.4 kW	5.7 kW	12.1 kW	80.7%
Lignite	8.6 kW	6.9 kW	15.5 kW	78.0%
Joiner Timber	7.0 kW	7.1 kW	14.5 kW	79.5%

Yorkshire Automatic Central Heating Boiler

GRATE BARS: Fitted with long life Chrome Iron multi-fuel riddling grate bars, which has two functions, to adjust the space between the grate bars making them suitable for wood or other fuels. And to agitates the firebed to clear the ash.

FUELS: The Yorkshire is approved to burn the following fuels even in smoke control areas. Dry seasoned wood - Lignite briquettes - Lignite - Joiner Timber and all authorised smokeless fuels.



AUTOMATIC CONTROL BOILER MODEL ONLY

The Yorkshire's built in thermostat automatically monitors central heating temperature and controls the incoming air to regulate how fiercely the fire burns to meet the central heating requirements.



Boiler Model

BOILER MODELS

Width	595mm
Height (excl. 45mm flue socket)	715mm
Depth excl. 70mm front projection	450mm
Weight	198kg
Typical flue gas temperature	263°C
Typical flue gas flow rate	10.6 g/sec
Water content	22 litres
Water connections	4x1" BSP Internal
Maximum operating pressure	1.4bar
Typical actual efficiency	80%
Hearth Temperature	81°C
Minimum Flue Draught	15pa / 0.15mbar / 0.06 insH ₂ O
Firebox effective volume:	Mineral Fuel: 0.0158m ³ Wood logs: 0.0210m ³
Construction conforms to:	EN13240:2001
Declaration of performance Tested to:	NEW EN13240-A2:2004



Dunsley Heat

It's quality that counts

See the full range visit the website: www.dunsleyheat.co.uk

Dunsley has been Designing and Manufacturing superior solid fuel heating equipment for over 60 years.

Dunsley Heat Limited, Bridge Mills, Huddersfield Road, Holmfirth, Huddersfield HD9 3TW, England

Tel: 01484 682635 Fax: 01484 688428 email: sales@dunsleyheat.co.uk



All Dunsley stoves
are manufactured
in Great Britain

Dunsley are continually reviewing products and may make alterations without notice. Please see the website for the latest specifications and recommended fuels.