

Dunsley



Highlander 10 with central heating boiler

HIGHLANDER

Wood and Multi-fuel Stoves



CE APPROVED
HETAS APPROVED

Highlander Stoves are manufactured in Great Britain

DUNSLEY HIGHLANDER-3



The Highlander-3 has been designed to give you cleaner burn and superb efficiency.

Its slim appearance and air wash gives it an appearance to be desired. The air wash and primary air controls are designed to be precisely controlled, to allow maximum efficiency to be obtained and control outputs to your requirements.

The Highlander-3 is also fitted as standard with a superb shaker grate. This enables logs or any other solid fuel to be burnt at maximum efficiency and is very easy and clean to operate.

A non shaker grate model is also available, with the design advantages of the

Highlander-3 but without the shaker mechanism. This gives you a very good stove at a reduced price. You will of course have to de-ash as required with the hooked poker provided.

The Highlander-3 is available with matching canopy, on request. This can be removed or replaced at any time.

The Highlander-3 has interchangeable top or rear flue outlets fitted as standard, to take 125mm flue pipe.

The Highlander-3 has been designed with one door to open for re-fuelling and ash removal, therefore no safety precautions are necessary to prevent overfiring of fuel when removing ash from below the grate.

The Highlander-3 will take logs up to 200mm (8") long.

The air wash system has been designed to keep the glass clean to give a full view of the superb flame pattern, created as the flames rise to meet the incoming air, thus causing secondary combustion to take place.

A stainless steel boiler is also available for domestic hot water.

This takes the place of the rear firebrick and can be installed by Dunsley if ordered with the stove, or can be fitted at a later date if required.

HEAT OUTPUTS IN kW

WITHOUT DOMESTIC BOILER
MIN. 1 MAX. 3.3

WITH DOMESTIC BOILER
To room up to 2.4kW
To water up to 1.0kW

Outputs will vary with the type of fuel used and the burning rate.

SEE BACK PAGE FOR MEASUREMENTS AND ACCESSORIES



DUNSLEY HIGHLANDER-5



Highlander 5SL (Short Legs)

HETAS APPROVED

The Highlander-5 has been developed to increase the choice of the Householder, using the same superb burning technology as the Highlander-7. Same airwash system. Same shaker grate system, only slightly smaller, but can still take large logs up to 280mm long. Same range of suitable fuels. Same metallic black finish. Solid brass handles as standard, with black or polished cast handles available on request. The Highlander-5 comes in either SL-Short

Legs or HL-High Legs variants both can be fitted with a canopy.

The Highlander-5 is different from the Highlander-7 as follows - the overall size is smaller, this has enabled the design of the door to be altered, so that on the Highlander-5 there is only one door to open for re-fuelling and removing ashes. This also means that the safety precaution to prevent overfiring is automatically provided for.

HOW IT WORKS

The Highlander-5 has two combustion controls exactly as the Highlander-7. The most suitable setting will quickly be found moving the slide slowly to find the most

suitable position. Using the correct rate of burning efficiencies of up to 82% burning wood logs and 76% burning ancit can be obtained.



Highlander 5HL (High Legs)

- The Highlander-5 is also available with Stainless Steel 2kW Boiler.



With Canopy fitted

HEAT OUTPUTS IN kW

WITHOUT DOMESTIC BOILER
MIN. 1.3 MAX. 5

WITH DOMESTIC BOILER
To room up to 3kW
To water up to 2kW

Outputs will vary with the type of fuel used and the burning rate.

SEE BACK PAGE FOR MEASUREMENTS AND ACCESSORIES

DUNSLEY HIGHLANDER-7

HETAS APPROVED

Meets the requirements of the relevant British Standards for the whole of the UK. Also meets the requirements of the Scotland Building Regulations 1999 Part F.

The Highlander-7 has been developed using the best burning technology to give you a stove with cleaner burn and high efficiency.

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

The Highlander has also a superb shaker grate mechanism, which allows you to set the grate for efficient woodburning (large logs up to 360mm long) or ancit smokeless fuel.

Finished in heat resistant metallic black stove enamel paint, and fitted with solid brass handles, black or polished cast handles are available on request.

HOW IT WORKS

The highlander has two controls. The one above the main door controls the amount of air required for the air wash system.

By sliding the control left to close, right to open the air inlet holes, which then pre-heats the air before directing it down over the inside of the ceramic glass. This keeps the products of combustion away from the glass and also creates secondary combustion to increase efficiency and reduce smoke emissions from the flue.



Highlander 7SL (Short Legs)

The control below the main door is to adjust the amount of air required for easy lighting and rapid warm up, this also controls the flow of air for varying fuels as required. The most suitable setting will quickly be found. Move the slide slowly to find the suitable position. Using the correct rate of burning efficiencies of up to 76.5% on wood logs and 75.8% on ancit can be obtained.



Highlander 7HL (High Legs)

HEAT OUTPUTS IN kW

WITHOUT DOMESTIC BOILER
MIN. 1.75 to 6kW nominal output MAX. 7

WITH DOMESTIC BOILER
To room up to 3kW
To water up to 3kW
Outputs will vary with the type of fuel used and the burning rate.

SEE BACK PAGE FOR MEASUREMENTS AND ACCESSORIES

- An automatic door safety device is fitted which prevents the bottom door from opening before the top door is open. This prevents serious overfiring when removing the ashes from below the grate.
- The Highlander-7 comes in either SL- Short Legs or HL-High Legs variants .
- The Highlander-7 is available with Stainless Steel 3kW Boiler.
- The Highlander -3, -5, -7 and -8 are available with matching canopy on request, this can be removed or replaced at any time.
- The Highlander-3, -5, -7 and -8 have interchangeable top or rear flue outlets fitted as standard.

DUNSLEY HIGHLANDER-8



What sets the Highlander-8 apart from the 3, 5 and 7 are the two cast iron doors with large viewing windows, clean lines and classic appearance. A wide door opening and large fire bed capacity, enables you to load the fire box with good sized logs of up to 460mm or 18" length.

The highlander-8 has an air wash system designed to keep the glass clean by diverting a warm flow of air directly over the surface of the glass. Each door has its own primary air controls. These control the amount of fuel being burnt and can also be closed down for overnight burning of fossil fuels.

With a heat output of 7 - 8 kW maximum the Highlander-8 will heat a medium to large room.

The grate mechanism can be adjusted for burning wood or other solid fuels including: peat, coal and coal briquettes. Using the correct rate of burning efficiencies of up to 78% on wood logs and 75% on ancit can be obtained.

A stainless steel boiler is available if required to connect into a hot water cylinder. This takes the place of the rear fire brick and can be installed at the factory or at a later date if required.

The Highlander-8 is available with black, brass or polished steel knobs and is finished in black metallic paint.

HEAT OUTPUTS IN kW

WITHOUT DOMESTIC BOILER
MIN. 2 MAX. 7.5

WITH DOMESTIC BOILER
To room up to 5kW
To water up to 4kW

Outputs will vary with the type of fuel used and the burning rate.

SEE BACK PAGE FOR MEASUREMENTS AND ACCESSORIES

DUNSLEY HIGHLANDER-8 and 10 with Central Heating Boiler

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

On the Highlander-8 boiler output is controlled by a manual slide on the front of the stove, and a slide above the door to keep the glass clear, which also provides air for combustion when burning logs.

The Highlander-10 has 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.

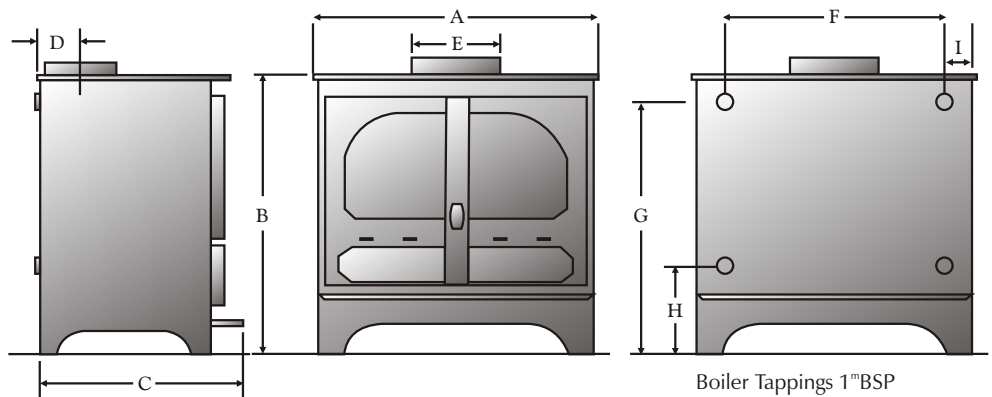
The Highlander-10 can be supplied with an external air intake pipe which is fitted to the air box underneath the stove, this allows combustion air to be taken from outside the building. If this method is used no extra air vents

into the room is required. Both '8' and '10' have multifuel grate bars as standard. The Highlander-10 has a small amount of chrome mixed with the cast Iron which give the bars extra strength and durability for the depth of the stove. Both stoves can be supplied with brass, black or polished steel knobs, and finished in black metallic matt paint.

Please note - the Highlander central heating models are only available with top flue connection and have straight legs as shown in the diagram below.



**Highlander-10
with Central Heating Boiler**



MULTI FUEL STOVE WITH C/H BOILER - HEAT OUTPUTS UNDER TEST CONDITION

	HIGHLANDER-8	HIGHLANDER-10
One hour refueling	burning rate 2.4kg per hour on Ancit1	burning rate 3.5kg per hour on Ancit
Output to Water	9.2kW (31,390 BTU's)	14.5kW (49,474 BTU's)
Output to Room	5.2kW (17,742 BTU's)	5.5kW (18,766 BTU's)
TOTAL	14.4kW (49,132 BTU's)	20.0kW (68,240 BTU's)
Two hour refueling	burning rate 2.0kg per hour on Ancit	burning rate 3kg per hour on Ancit
Output to Water	8.44kW (28,797 BTU's)	13.4kW (45,700 BTU's)
Output to Room	4.4kW (15,012 BTU's)	5.5kW (18,700 BTU's)
TOTAL	12.84kW (43,810 BTU's)	18.9kW (64,400 BTU's)
Four hour refueling	burning rate 2.0kg per hour on Ancit	burning rate 2.5kg per hour on Ancit
Output to Water	7.42kW (25,317 BTU's)	12.5kW (42,650 BTU's)
Output to Room	5.0kW (17,162 BTU's)	3.4kW (11,600 BTU's)
TOTAL	12.45kW (42,479 BTU's) 74% Efficient	15.9kW(54,250 BTU's) 76% Efficient
Log Burning	one hour refueling, burning rate 3.7kg	one hour refueling, burning rate 5kg
Output to Water	7.38kW (25,180 BTU's)	10.5kW (35,866 BTU's)
Output to Room	6.22kW (21,222 BTU's)	5.5kW (18,766 BTU's)
TOTAL	13.6kW (46,403 BTU's)	16.0kW (54,632 BTU's)

Highlander dimensions measurements in millimetres

Model	8	10
A	605	690
B	630	630
C	375	485
D	118	120
E	160	160
F	400	485
G	590	600
H	300	240
I	85	100

Higher outputs can be achieved by adjusting the boiler thermostat.

DUNSLEY HIGHLANDER LOG STORE RANGE

Plus The Highlander 8 Double Fronted Stove



**Highlander 5
Log Store**



**Highlander 7
Log Store**



**Highlander 8 & 10
Log Store**



**Highlander 8
Double Fronted**

The Highlander Multi-Fuel range of stoves is now 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

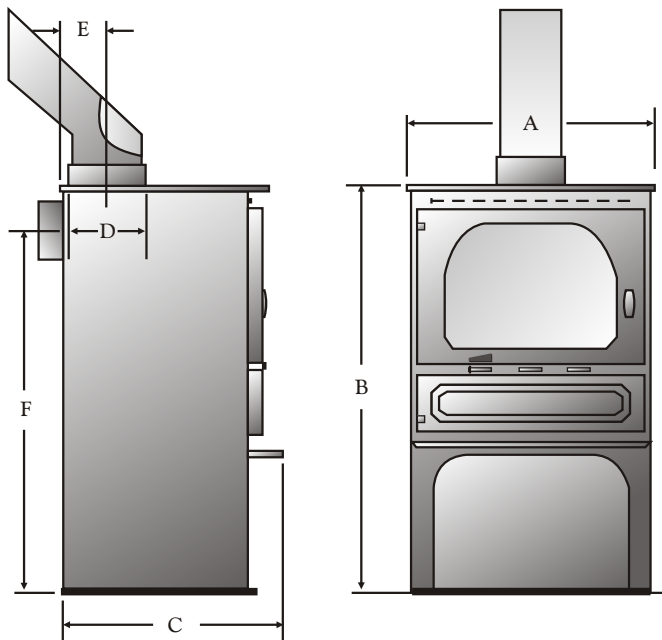
assist on uneven floors.

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.

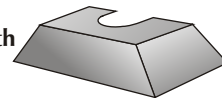
The Highlander 8 double fronted stove is ideal for homes, pubs or hotels that have, or wish to create a central chimney room setting as a focal point.



Highlander dimensions - measurements in millimetres

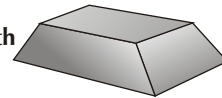
Model	5	7	8	8 double fronted	10
A	425	520	605	605	690
B	830	920	900	630	900
C	385	392	375	450	375
D	145	170	170	170	170
E	105	118	118	210	118
F	710	800	780	780	780

Stove Canopy with
Top Flue Outlet



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

Stove Canopy with
rear flue Outlet



Flue Pipe

The Highlander 7, 8 and 10 require a 6" DIA 150mm Flue.
The Highlander 3 and 5 requires a 5" DIA 125mm Flue.

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

- Fitted with cast iron multi fuel riddling grate as standard
- Chrome iron grate bars are available, as an optional extra, for those who wish to burn Petroleum coke and Welsh Dry steam coal
- Very efficient air wash, which also improves fuel efficiency
- Automatic door safety device
- Large ash capacity below grate bars
- 3 Year guarantee
- The Highlander stoves can also be used in smoke controlled areas when burning authorised smokeless fuels

DUNSLEY HIGHLANDER-10



Highlander-10
(Non-Boiler model)

The Highlander 10 is a wide version of the 8 model. With the same burning control system and nearly 100mm wider than the 8 this makes it more suitable for larger rooms, and a fuel box area to take logs up to 550mm long.

The grate can be adjusted for burning logs or other fuels.

A stainless steel domestic boiler is available if required. The flue spigot can be changed from top to rear on site if required.

The Highlander 10 is available with black, brass or polished steel door handle.

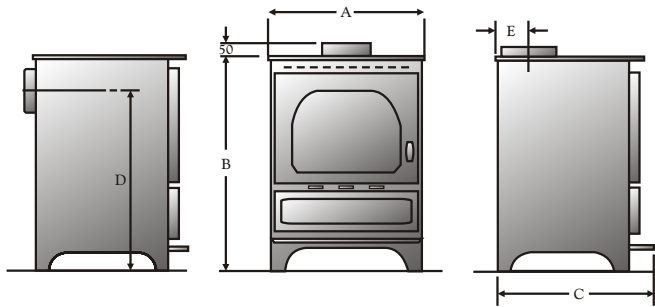
HEAT OUTPUTS

Without boiler min 2kW max 9 to 10kW

With domestic boiler

To room up to 6kW

To water up to 4.5kW



Note - the 3 and 5 take 125mm flue, 7 and 8 take 150mm flue

HIGHLANDER DIMENSIONS - measurements in millimetres

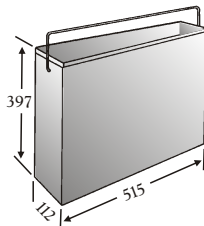
MODEL	3	5SL	5HL	7SL	7HL	8	10
A	350	425	425	520	520	605	690
B	560	560	630	650	720	630	630
C	385	385	385	385	385	385	385
D	445	445	515	536	606	515	515
E	105	105	105	118	118	118	118

DUNSLEY HIGHLANDER ACCESSORIES

ACCESSORIES

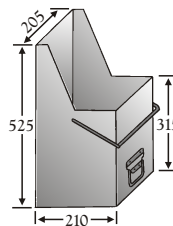
The ash container and fuel carrier are also suitable for most room heaters, stoves and open fires

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.



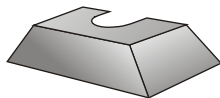
Fuel Carrier
Part No. 01429

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

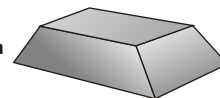


Decorative Window Trim
in position on stove window, can be fitted or removed easily

Stove Canopy with Top Flue Outlet



Stove Canopy with rear flue Outlet



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- Chrome iron grate bars are available, as an optional extra, for those who wish to burn Petroleum coke and Welsh Dry steam coal
- Very efficient air wash, which also improves fuel efficiency
- Automatic door safety device
- Large ash capacity below grate bars
- 3 Year guarantee
- The Highlander stoves can also be used in smoke controlled areas when burning authorised smokeless fuels



Dunsley Heat

It's quality that counts

Dunsley has been Designing and Manufacturing superior solid fuel heating equipment for over 50 years.
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Dunsley are continually reviewing products and may make alterations without notice