

Handmade *by*
Craftsmen



Dean Stoves

www.dean-forge.co.uk

Dean Forge

Dean Forge was established by Michael Chew in 1969 in the small village of Dean Prior nestling on the edge of Dartmoor.

Robert Herrick, the Royalist poet was vicar of Dean Prior during the 17th Century and the village is still an attraction for many devotees of his work, much of it written at Dean Prior.

In 1978, when Dean Forge first designed and marketed woodburning stoves, the very local nature of this business was reflected in the name of the range – Herrick Stoves.

Dean Forge has always been a family run business. Michael, his sons and other dedicated long standing local members of staff have amassed vast expertise and experience in manufacturing and installing wood and multi-fuel stoves.

All Dean Stoves are manufactured at Dean Forge in Devon with the cast iron door cast in a British foundry.

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The *Croft* *Clearburn* Range

*Beech wood fires are bright and clear
If the logs are kept a year
Oaken logs burn steadily
If the wood is old and dry
But ash dry or ash green
Makes a fire fit for a Queen ...*





Croft Junior

Rolled edge flat top

The Croft range of Clearburn stoves is designed on simple clean-cut lines and with the added advantage of a flat heating area on top, would grace any home, old or new.

As with all our Clearburn stoves, the substantial double-glazed stay-clear glass door panel and pre-heat air wash system, provides a stove that is more environmentally friendly, burning more of the smoke gases.

Multi-Fuel grates and three flue options are available – see illustrating page.



Profiled flat top

Croft Clearburn Junior

CANOPY TYPE	WIDTH	HEIGHT	DEPTH	INTEGRAL BOILER	SADDLE BOILER	FLAT BACK BOILER	NOMINAL STOVE OUTPUT	FLUE SIZE	STANDARD LEG LENGTH	EFFICIENCY	FLUE CENTRE TOP (A)	FLUE CENTRE (B)
Profiled Flat Top	18 ¹ / ₈ " 460mm	25" 635mm	13 ⁵ / ₈ " 345mm	–	–	9,000 BTU	5Kw	5" 125mm	4" 100mm	83%	100mm	490mm
Rolled edge Flat Top	19 ¹ / ₄ " 490mm	25" 635mm	13 ⁵ / ₈ " 345mm	–	–	9,000 BTU	5Kw	5" 125mm	4" 100mm	83%	100mm	490mm

Croft *Small*



Croft Clearburn Small

CANOPY TYPE	WIDTH	HEIGHT	DEPTH	INTEGRAL BOILER	SADDLE BOILER	FLAT BACK BOILER	NOMINAL STOVE OUTPUT	FLUE SIZE	STANDARD LEG LENGTH	EFFICIENCY	FLUE CENTRE TOP (A)	FLUE CENTRE (B)
Profiled Flat Top	23" 585mm	25" 635mm	15 ³ / ₈ " 390mm	-	18,000 BTU	10,000 BTU	8Kw	6" 150mm	4" 100mm	76.4%	115mm	475mm
Rolled edge Flat Top	24 ¹ / ₂ " 622mm	25" 635mm	15 ³ / ₈ " 390mm	-	18,000 BTU	10,000 BTU	8Kw	6" 150mm	4" 100mm	76.4%	115mm	475mm

Croft *Slimline*



The Croft Clearburn Small and Slimline are effectively the same stove, except that the Croft Slimline has a reduced depth. This lowers the KW output but retains the large glass door and wide fire box for maximum view of the fire.

Croft Clearburn Slimline

CANOPY TYPE	WIDTH	HEIGHT	DEPTH	INTEGRAL BOILER	SADDLE BOILER	FLAT BACK BOILER	NOMINAL STOVE OUTPUT	FLUE SIZE	STANDARD LEG LENGTH	EFFICIENCY	FLUE CENTRE TOP (A)	FLUE CENTRE (B)
Profiled Flat Top	23" 585mm	25" 635mm	12 ³ / ₄ " 325mm	-	-	10,000 BTU	6.5Kw	6" 150mm	4" 100mm	79.6%	115mm	475mm
Rolled edge Flat Top	24 ¹ / ₂ " 622mm	25" 635mm	12 ³ / ₄ " 325mm	-	-	10,000 BTU	6.5Kw	6" 150mm	4" 100mm	79.6%	115mm	475mm



Croft Clearburn Medium

CANOPY TYPE	WIDTH	HEIGHT	DEPTH	INTEGRAL BOILER	SADDLE BOILER	FLAT BACK BOILER	NOMINAL STOVE OUTPUT	FLUE SIZE	STANDARD LEG LENGTH	EFFICIENCY	FLUE CENTRE TOP (A)	FLUE CENTRE (B)
Profiled Flat Top	26 $\frac{1}{2}$ " 680mm	26 $\frac{3}{8}$ " 680mm	19 $\frac{1}{4}$ " 490mm	35,000 BTU	25,000 BTU	10,000 BTU	11Kw	6" 150mm	6" 150mm	75.9%	115mm	525mm
Rolled edge Flat Top	27 $\frac{1}{2}$ " 700mm	26 $\frac{3}{8}$ " 680mm	19 $\frac{1}{4}$ " 490mm	35,000 BTU	25,000 BTU	10,000 BTU	11Kw	6" 150mm	6" 150mm	75.9%	115mm	525mm

Croft Clearburn Large

CANOPY TYPE	WIDTH	HEIGHT	DEPTH	INTEGRAL BOILER	SADDLE BOILER	FLAT BACK BOILER	NOMINAL STOVE OUTPUT	FLUE SIZE	STANDARD LEG LENGTH	EFFICIENCY	FLUE CENTRE TOP (A)	FLUE CENTRE (B)
Profiled Flat Top	28 $\frac{1}{2}$ " 725mm	27" 685mm	20 $\frac{1}{4}$ " 515mm	37,000 BTU	27,000 BTU	10,000 BTU	12.5Kw	6" 150mm	6" 150mm	72.9%	115mm	525mm
Rolled edge Flat Top	29 $\frac{1}{8}$ " 742mm	27" 685mm	20 $\frac{1}{4}$ " 515mm	37,000 BTU	27,000 BTU	10,000 BTU	12.5Kw	6" 150mm	6" 150mm	72.9%	115mm	525mm

Available in both the Clearburn Junior and the Clearburn Small.

The Logstore is part of the stove elevating the stove for a better view of the fire and creating a wood store below. Working in exactly the same way as all the Clearburn Range the Logstore Clearburns have an extra heat shield below the fire box for added protection for storage of wood.



Clearburn Junior Logstore

CANOPY TYPE	WIDTH	HEIGHT	DEPTH	INTEGRAL BOILER	SADDLE BOILER	FLAT BACK BOILER	NOMINAL STOVE OUTPUT	FLUE SIZE	STANDARD LEG LENGTH	EFFICIENCY	FLUE CENTRE TOP (A)	FLUE CENTRE (B)
Profiled Flat Top	18 $\frac{1}{8}$ " 460mm	33 $\frac{3}{8}$ " 848mm	13 $\frac{5}{8}$ " 345mm	-	-	9,000 BTU	5Kw	5" 125mm	-	83%	100mm	698mm
Rolled edge Flat Top	19 $\frac{1}{4}$ " 490mm	33 $\frac{3}{8}$ " 845mm	13 $\frac{5}{8}$ " 345mm	-	-	9,000 BTU	5Kw	5" 125mm	-	83%	100mm	698mm

Clearburn Small Logstore

Profiled Flat Top	23" 585mm	35 $\frac{3}{8}$ " 908mm	15 $\frac{5}{8}$ " 390mm	-	18,000 BTU	10,000 BTU	8Kw	6" 150mm	-	76.4%	115mm	745mm
Rolled edge Flat Top	24 $\frac{1}{2}$ " 622mm	35 $\frac{3}{8}$ " 908mm	15 $\frac{5}{8}$ " 390mm	-	18,000 BTU	10,000 BTU	8Kw	6" 150mm	-	76.4%	115mm	745mm

NEW

Dartmoor 5

The Dartmoor 5 is the smallest Wood or Multifuel stove from Dean Stoves, yet it is big on features.

Powerful Airwash System

Designed to create combustion over the glass for a clearer view of the fire and to help clean unwanted deposits from the glass after the fire has been on periods of slumber.

Direct Primary Air control

A simple door spinner allows the primary air to reach the fire directly through the ash and log retainer, speeding up primary combustion when lighting the stove.

Add on Base Protection

An insulating base plate can easily be fitted when installing the stove onto a non constructional hearth or onto a heat sensitive hearth material such as slate or marble, helping reduce the hearth temperature.

Add on Rear Protection

A rear heat shield can be installed, reducing the safe distance to combustible materials from the rear of the stove.

Drop in Riddle grate

A heavy cast iron riddling multi-fuel grate can easily be installed into the stove at any time.

Boiler

The Dartmoor 5 can have a clip in domestic hot water boiler installed from new or at a later date.

Handle option

The Dartmoor 5 comes with a black cast handle as standard, or can be ordered with a stainless steel handle, at a small additional cost. *See handles option page.*

Dartmoor 5

CANOPY TYPE	WIDTH	HEIGHT	DEPTH	INTEGRAL BOILER	SADDLE BOILER	FLAT BACK BOILER	NOMINAL STOVE OUTPUT	FLUE SIZE	STANDARD LEG LENGTH	EFFICIENCY	FLUE CENTRE TOP (A)	FLUE CENTRE (B)
Profiled Flat Top	17" 430mm	21¼" 540mm	11¼" 285mm	–	–	9000 BTU	5Kw	5" 125mm	2" 50mm	82%	100mm	435mm

Croft *Inset*



Herrick *Inset*



Incorporating all the features of the Clearburn range, these great little inset woodburning or multifuel stoves have been designed to fit into an existing fireplace, often saving on building works to re-model your existing fireplace and hearth depth.

The pre-heated air wash system, designed to keep the glass clean and secondary burning of exhaust gases, multi-fuel riddling gate option and superb fuel efficiency make these traditional stoves among the most efficient inset stoves available.

Key features

- Incorporating all the features of the Clearburn Range
- Double skin convector
- Preheated airwash system
- Designed to fit into a standard 16" (200mm) fireplace (with fire back removed)
- Handle options. Bar, cage or stainless steel
- Drop in external riddling multi-fuel grate
- Double glazed heavy cast iron door
- 5mm steel refractory lined fire box
- 82% efficient
- 5kw nominal output
- 125mm flue outlet

Croft Inset

CANOPY TYPE	WIDTH	HEIGHT	OVERALL DEPTH	NOMINAL STOVE OUTPUT	FLUE SIZE	STANDARD LEG LENGTH	EFFICIENCY
Profiled Flat Top	20 ³ / ₈ " 520mm	22 ¹ / ₈ " 563mm	14 ⁵ / ₈ " 372mm	5Kw	5" 125mm	-	82%

Rear Fire Box Overall Dimensions

WIDTH	HEIGHT	DEPTH
395mm	550mm	257mm

Herrick Inset

CANOPY TYPE	WIDTH	HEIGHT	OVERALL DEPTH	NOMINAL STOVE OUTPUT	FLUE SIZE	STANDARD LEG LENGTH	EFFICIENCY
Low Canopy	20 ³ / ₈ " 520mm	24 ¹ / ₂ " 622mm	14 ⁵ / ₈ " 372mm	5Kw	5" 125mm	-	82%

Rear Fire Box Overall Dimensions

WIDTH	HEIGHT	DEPTH
395mm	550mm	257mm

Herrick Low Clearburn



The Herrick Low Clearburn has the advantage of having a tapered canopy but with a flat heating area on top. As with all our Clearburn stoves, the substantial double-glazed stay-clear glass door panel, plus the pre-heated air wash system, provides a stove that is more environmentally friendly, burning more of the smoke gases.

Multi-Fuel grates and three flue options available – see illustrating page

Herrick Low Clearburn

MODEL	WIDTH	HEIGHT	DEPTH	INTEGRAL BOILER	SADDLE BOILER	FLAT BACK BOILER	NOMINAL STOVE OUTPUT	FLUE SIZE	STANDARD LEG LENGTH	EFFICIENCY	FLUE CENTRE TOP (A)	FLUE CENTRE (B)
JUNIOR	19 ¹ / ₈ " 485mm	28 ³ / ₈ " 720mm	13 ³ / ₄ " 345mm	–	–	9,000 BTU	5Kw	5" 125mm	4" 100mm	83%	100mm	490mm
SMALL	24" 610mm	30 ¹ / ₈ " 765mm	15 ³ / ₈ " 390mm	–	18,000 BTU	10,000 BTU	8Kw	6" 150mm	4" 100mm	76.4%	115mm	475mm
MEDIUM	28 ¹ / ₂ " 725mm	32 ¹ / ₄ " 820mm	19 ¹ / ₂ " 495mm	35,000 BTU	25,000 BTU	10,000 BTU	11Kw	6" 150mm	6" 150mm	75.9%	115mm	525mm
LARGE	30 ¹ / ₂ " 775mm	32 ¹ / ₄ " 820mm	20 ¹ / ₂ " 520mm	37,000 BTU	27,000 BTU	10,000 BTU	12.5Kw	6" 150mm	6" 150mm	72.9%	115mm	525mm

The Herrick High Clearburn stove has an elegant tapering canopy creating balance in the large Inglenook fireplaces and is used widely in a free-standing installation.

Multi-Fuel grates and three flue options available – see illustrating page

Herrick High Clearburn



Herrick High Clearburn

MODEL	WIDTH	HEIGHT	DEPTH	INTEGRAL BOILER	SADDLE BOILER	FLAT BACK BOILER	NOMINAL STOVE OUTPUT	FLUE SIZE	STANDARD LEG LENGTH	EFFICIENCY	FLUE CENTRE TOP (A)	FLUE CENTRE (B)
JUNIOR	19 ¹ / ₈ " 485mm	32 ³ / ₈ " 825mm	13 ³ / ₄ " 385mm	–	–	9,000 BTU	5Kw	5" 125mm	4" 100mm	83%	100mm	490mm
SMALL	24" 610mm	35 ³ / ₄ " 910mm	15 ³ / ₈ " 390mm	–	18,000 BTU	10,000 BTU	8Kw	6" 150mm	4" 100mm	76.4%	115mm	475mm
MEDIUM	27 ¹ / ₂ " 700mm	37 ³ / ₄ " 962mm	19 ¹ / ₂ " 495mm	35,000 BTU	25,000 BTU	10,000 BTU	11Kw	6" 150mm	6" 150mm	75.9%	115mm	525mm
LARGE	29 ¹ / ₂ " 750mm	37 ³ / ₄ " 962mm	20 ¹ / ₂ " 520mm	37,000 BTU	27,000 BTU	10,000 BTU	12.5Kw	6" 150mm	6" 150mm	72.9%	115mm	525mm

Door Handles & Control Knob Options

The Clearburn Range of stoves have the option of Cage, Bar or Stainless Steel handles. Although we recommend to use a glove when operating the stove the Cage will stay cooler than the Bar or Stainless Steel handle. The secondary air control also has the option of a brass or black knob. Please state which options you would like when ordering your stove.



Black air control knob



Brass air control knob



Cage door handle



Black bar door handle



Stainless steel handle

Dartmoor 5 Handles

The Dartmoor 5 stove comes as standard with a black cast handle or can be ordered with a stainless steel handle, at a small additional cost.



Standard cast iron handle



Stainless steel handle

Information & Options

Clear Vision of Fire

Dean Clearburn stoves incorporate a preheated air wash system. This system is designed to heat the secondary air to a very high temperature before being drawn over the glass.

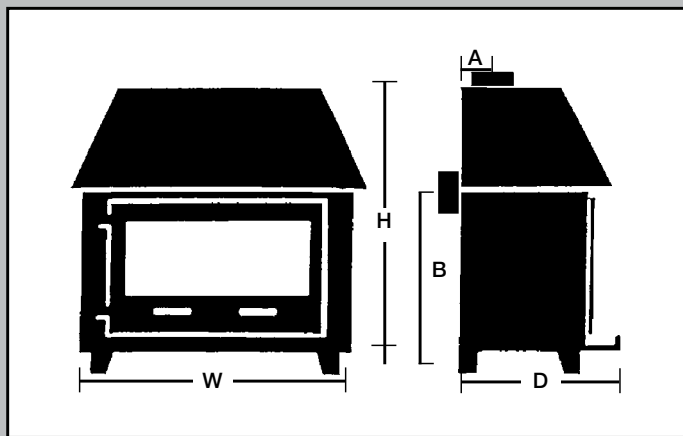
The stove induces pre-heated air from the bottom of the stove through a labyrinth of passages into the top of the stove and over the double glazed door, this drives unburnt gasses back into the fire chamber mixing with the air at the same time.

These gasses combined with the hot air cause combustion over the glass, burning more fuel particles and unwanted deposits off the glass; thus increasing the efficiency and vision of the fire.

Legs

All Junior, Slimline and Small Clearburn stoves are fitted with 100mm (4") legs and all Clearburn stoves in the medium and large ranges are fitted with 150mm (6") legs as standard giving their standard height in the tables.

We are able to offer variation in leg height from 25mm (1") to 200mm (8"), please state this when ordering your stove.



Croft Clearburn Top Options

All Croft Clearburn stoves have the option of a profiled flat top or a rolled edge flat top. As with all the Clearburn range, options of cage or bar door handles and black or brass secondary air control knobs are available. See illustration page.



Croft Clearburn Junior with profile top



Croft Clearburn Junior with rolled edge top

Flue Options

There are three flue arrangements available – top, rear and back box. Top and rear options are fitted as standard to all Dean Stoves Clearburn stoves; this is achieved by a moving and interchangeable flue spigot and cover plate to either the top or the back.



Optional back box arrangement

The back box (see illustration) is an optional extra, this is fixed to the back outlet on the stove, using the same fixing point as the standard spigot, and enabling the stove to be brought forward in the fireplace and the top kept clear, whilst using a vertical flue. This option also eliminates the use of a tee and cap, with the added facility in most cases to still clean the flue through the stove.

Please note: cleaning the flue through the stove is not always possible with saddle and integral boilers.

Multi-Fuel Grates Option

The full range of Clearburn stoves can be fitted with a multi-fuel coal grate. The Junior, Slimline and Small can be fitted with a grate system where you can riddle the ash through to an ash pan via an external riddling arm. The Medium, Large and Double-sided stoves have a static grate system. All these options can be removed for greater efficiency when burning wood.

Double Sided Stoves

Most of our stoves are able to be manufactured as double sided with an opening door on both sides.

Please note: it is not always possible to open both doors at the same time, this will depend on the stove size and the flue draught.

Hearth Requirements and Stove Installation

All Dean Stoves Clearburn range and the Dartmoor 5 with the base protector can be sited on a minimum of 12mm of non combustible hearth to meet current building regulations. Please refer to installation instructions and current building regulations before installing your stove.

Dean Stoves recommend all stove installations are carried out by an experienced HETAS qualified engineer.

Stove Finish

Stoves are finished with a high quality heat resistant paint. Metallic black is the standard colour for the Clearburn free standing range and Flat black for the Clearburn Inset and Dartmoor stoves. There is a further range of colours available – see panel, right.

Boilers

All stoves can be fitted with boiler options from small domestic boilers (9000 BTU) up to a maximum as stated in the table for the particular stove.

The Clearburn medium and large stoves can be fitted with high capacity integral boilers, capable of running a central heating system.

Fuel

All stoves will burn wood, peat and brickettes. Stoves fitted with multi-fuel grates will burn all types of smokeless fuel recommended for enclosed appliances.

As with all woodburning stoves the wood you burn must have a moisture content of less than 20%. It is imperative the wood you use should have at least one year's air drying in a covered position before use on any stove for maximum efficiency.

Closed Combustion (Woodburning only)

The Clearburn Range (excluding the Clearburn Inset and Logstore Stoves) can be fitted with a direct air manifold enabling combustion air to be connected directly to an outside air source.

By using the Closed Combustion system you prevent the stove from stealing heat from the room thus maximising the heat efficiency of the stove.

The Closed Combustion manifold fits neatly to the underside of a standard or long legged Clearburn stove.

To calculate heat requirement for your room

A good rule of thumb guide to calculate the heat requirement of a given room is:

HEIGHT X WIDTH X DEPTH (in feet) divided by 500 (for metres divide by 14)

This gives you the kilowatt requirement. Multiply this result by 3,400 to get the BTU's requirement.

This is based on average house insulation with room temperatures of 20°C and an ambient temperature of -1°C.

Well-insulated houses could replace the division of 500 with 650.

Available colours



6283 Almond



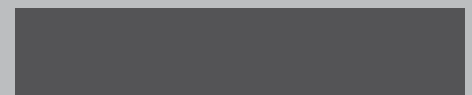
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Glo-Brown



6196 Blue Metallic



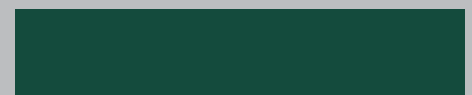
6321 Pewter



6201 Charcoal



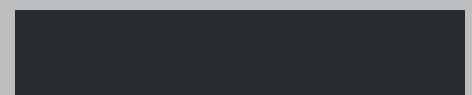
6197 Moss Green Metallic



6198 Forest Green



6309 Metallic Black



6304 Flat Black



6319 Mojave Red

Due to the limitations of the print process actual colours may vary. Stoves in this brochure photographed on Dartmoor may appear lighter due to the outdoor lighting conditions.

Dean Stoves would like to thank Mrs Cullen and the Leighon estate for their kind permission to photograph the stoves at Hound Tor, Dartmoor.



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Dean Stoves has a policy of continuous development and reserve the right to change the specification on the stoves without further notice.

Dealer's Stamp

www.dean-forge.co.uk