

# ADEPT

CONCEPT by ekol





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# Introduction to Adept concept

The range of options for the Adept concept will never stop developing...

...The evolution of the firebox for the perfect burn maybe complete with the Ekol Adept, but the design potential of its outer surrounding options and the ways in which Adept could interact with you and your environment are infinite.

The Adept Concept is simply based on Ekol's passion to combine the perfect fire experience with practical and beautiful design that can morph to suit your individual style, lifestyle and home.

Here we will begin to explore the options together. More ideas are regularly updated on the Ekol website [www.defrastoves.com](http://www.defrastoves.com)

**First the techy bit** - Here at Ekol our experienced engineers were put to work in our laboratory and told they cannot come out until they had perfected the ideal firebox for optimum wood burning. As you can imagine it gets hot in the laboratory so we provided plenty of drinking water, food and sleeping facilities.

We are based in the old Saxon town of Wareham on the edge of Poole harbour and close to the Jurassic coastline. Unfortunately for our engineers they don't get to see much of it.

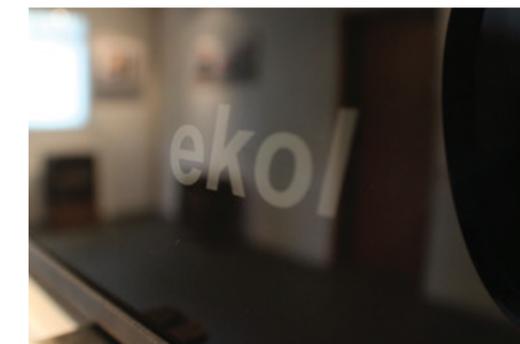
Around 12 months later the engineers emerged with a square box. The box appeared little different to many other square boxes available today - that is until a few logs are put in and it is set alight. The engineers have balanced the optimum air flow design, advanced re-burning of gases for ultra-clean emissions, high efficiency and easy to use controls for maximum heat from your logs with minimal effort from you.

We believe there is great beauty in something so perfectly engineered that it appears so simple.

**Design stuff** - Some modernist designers once said that "form follows function".

Once we had the optimum firebox at the heart of the design, we set about beginning the series of components which determine the way in which the stove is positioned and interacts with its environment.

We decided that these options had to be useful as well as beautiful. We aim to combine practical robust materials which have their own tactile beauty and simple, perfectly proportioned form.



# Adept-Dual-Fuel



An (optional) insert system easily lifts in and out of the main firebox allowing the Adept to burn bioethanol liquid fuel which is easy to light, totally clean burning and almost 100% efficient in burning.

Giving out around 1.5 kW of constant heat, a single re-fill lasts up to 5 hours and can be used anytime of year for a warming real-flame fire without having to use logs.

The precision engineered stainless steel burner houses a ceramic wick material which gently and safely releases the fuel at the optimum rate.

When used with bioethanol only, the Adept does not need a chimney system to be installed as the fuel burns so clean and efficiently, extra room ventilation is normally not required.

The burner system can simply be lifted out and used outside on the patio table when alfresco dining.

Easy to switch off in an instant.

Fuel available at most DIY stores as well as online.

# Adept 'Classic'



With Simple elegant legs. Self adjusting for uneven floors.

Available in 60mm or 100mm leg heights (or bespoke heights on request).

(Shown with 100mm legs. Glass Fronted Door.)



Your Stove. Your Choice. Endless Possibilities.

# Also useful for tight spaces.

Certified for use as both a free-standing and inset type stove, Adept blurs the lines between these two types of stove which people normally have to choose between.

Due to the dual layer convection body of the Adept and its low clearances to walls required, fitting it into tight spaces is no problem (30mm air gaps recommended).



# Fully Inset



Can be used with separate fascia/ surround or simply inset into a rendered aperture



The Adept has a much shorter install time compared to most inset / 'cassette' type stoves - This is due to the integrated dual layers of thick steel which make up every Adept stove. Simply fire-board out the aperture in the wall, slide the Adept into the recess keeping 30mm gap all around, then connect the flue from inside the stove.

# Partially Inset



Due to the Dual-layer convection body, Adept can be partially recessed and becomes a feature emerging from the wall. (Suitable fixing method required to secure in place)

# Wall Mounted



Comes with easy to use wall mounting bracket.

Saves on floor space and makes a feature of a flat wall.

Can be mounted at any height.

Can be used with top flue, or rear flue exited through the wall.

# Concrete Hybrid Side Panels



Make an architectural statement.

Combining the Adept stove which floats between two vertical panels of Ekol's own CPRTPC (Ceramic Polymer Reinforced Thermal Polished Concrete).

Available in Natural finish as well as Black-Polished and White concrete.

As with all Adept models, choose from three door type options, Regular, Printed Glass Front (double-glazed) or Curved Door/Glass.

# Adept 'Suspense'

The Adept is suspended from a concrete structure. The concrete is a special hybrid formulation with ceramic and polymer reinforcement making it incredibly strong.

As with all Adept versions it is available for top or rear flue exit.

Available in Natural finish, White or Black. The colour is created when casting and the finished surface has a sensuous tactile appearance and feel.

Each Adept Suspense is hand-crafted to order.

Shown here with Natural finish. Standard door in Light Grey, and stove body in Charcoal.



Frames can be finished in contrasting Gloss-White or any other standard colour option.

# Adept Steel Side Frames

As well as giving the Adept a unique look poised between the supports, the side frames also help to increase the stove's overall width giving it more of a presence across an expansive wall or hearth, or when positioned in a larger fireplace recess.



Shown here all in Metallic Black, with Standard Door.



# Adept Oak-Pedestal

Individually hand crafted from European stave oak slabs. Made to order in the heart of Dorset on the fringes of Poole Harbour.

Makes a perfect store for your fire lighting bits and pieces and some logs.

Designed to add practical height and concealed storage as well as making a unique design statement.

Finished in a rich durable wax-oil which accentuates the dense oak grain.



Shown here in metallic black finish, with Glass Fronted Door.

Some Options.....



Steel Base Frames, Standard Door

Height = 615mm, Width = 500mm, Depth = 340mm



Steel Base Frames, Curved Door

Height = 615mm, Width = 500mm, Depth = 400mm



'Suspense' Concrete (Natural), Curved Door

Height = 1050mm, Width = 500mm, Depth = 563mm



'Suspense' Concrete (Natural), Glass Front

Height = 1050mm, Width = 500mm, Depth = 503mm



'Suspense' Concrete, Standard door in Silver

Height = 1050mm, Width = 500mm, Depth = 503mm



Curved Pedestal Base and Curved Door

Height = 930mm, Width = 500mm, Depth = 400mm



Steel Side Frames (Black), Glass Front Door

Height = 610mm, Width = 700mm, Depth = 345mm



Steel Side Frames (Gloss White), Curved Door

Height 615mm, Width = 700mm, Depth = 400mm



Steel Side Frames (Black), Curved Front

Height = 615mm, Width = 700mm, Depth = 400mm



Steel Side Frames (Gloss White), Glass Front Door

Height = 615mm, Width = 700mm, Depth = 345mm



'Classic' 60mm legs with Curved Door

Height = 510mm, Width = 500mm, Depth = 400mm



'Classic' 60mm legs with Glass Fronted Door

Height = 510mm, Width = 500mm, Depth = 345mm



'Classic' 100mm legs with Standard Door

Height = 550mm, Width = 500mm, Depth = 340mm



**Colour options:**  
 (colours may vary from printed swatches above, for guidance only)

- Metallic black (standard)
- Charcoal
- Light Grey
- Silver
- Metallic Blue
- Patriot Blue
- Special request colours can also be specified (call or email for details)

• Side and base frame legs can also be finished in Gloss White.

• Concrete components can be Natural, White or Black.



Concrete Side Supports (Natural), Curved Door

Height = 635mm, Width = 700mm, Depth = 400mm



Concrete Side Supports (Natural), Glass Front

Height = 635mm, Width = 700mm, Depth = 345mm



Oak Pedestal with Glass Fronted Door

Height = 795mm, Width = 500mm, Depth = 345mm



Oak Pedestal with Curved Door

Height = 795mm, Width = 500mm, Depth = 400mm



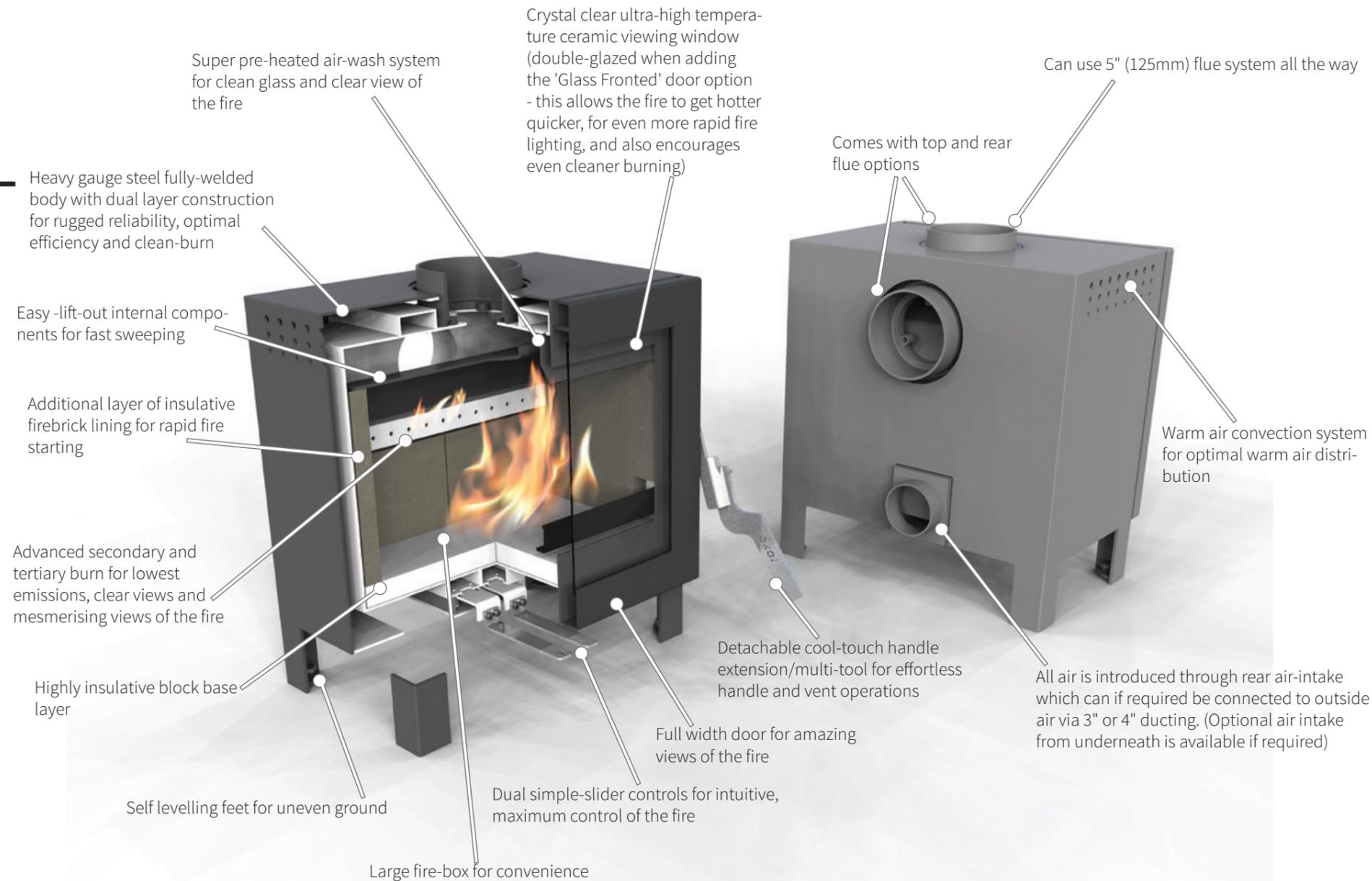
Inset with Glass Fronted Door

Height = 450mm, Width = 500mm, Depth = 345mm



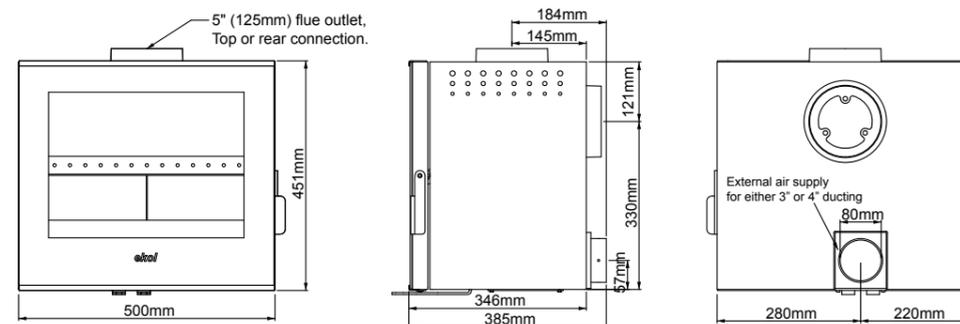
Wall Hung with Curved Door

Height = 450mm, Width = 500mm, Depth = 445mm



# Dimensions

**For overall dimensions of individual versions/customisable parts options, see previous pages 26 & 27.**



Achievable Heat Output Range	<b>2.0 to 7.5kW</b>
Nominal Heat Output	<b>5.0kW</b>
Efficiency	<b>80.3%</b>
CO <sub>2</sub> emission	11.4%
CO emission (at 13% O <sub>2</sub> )	0.12%
Mean flue gas temperature	282 °C
Mean C <sub>n</sub> H <sub>m</sub> (at 13 % O <sub>2</sub> )	107 Nmg/m <sup>3</sup>
Mean NOx (at 13 % O <sub>2</sub> )	86 Nmg/m <sup>3</sup>
DIN Plus dust (at 13 % O <sub>2</sub> )	30 Nmg/m <sup>3</sup>
Tested to BS, EN (CE), UK Smoke Control (DEFRA), EcoDesign 2022 tested and compliant	✓
Suggested Clearances to Non-combustible materials	30mm all round (to suitably thick solid materials)
Minimum Clearances to Combustible materials:	<ul style="list-style-type: none"> <li>• Rear of stove = 200mm (as a free standing stove), when used with optional heat-shield.</li> <li>• Sides of stove = 250mm (when used as a FREE-STANDING stove).</li> <li>• Sides of stove = 100mm (when used as an INSET stove).</li> <li>• Above = 400mm</li> </ul>
Suitable for positioning on hearth of just 12mm thick	✓
<b>10 Year</b> body warranty	✓
Dual fuel capable, bioethanol and wood (fuels must never be used together), when purchased with optional bioethanol burner system (1.5kW output on bioethanol)	✓ <b>(5 hour refuel period when using bioethanol)</b>
Air vent in room NOT usually required.	✓
Optional external air kit available for more air-tight buildings (uses 3 inch or 4 inch ducting)	✓
Removable cool-touch handle/ multitool included	✓







Your specialist Ekol dealer is:

[www.defrastoves.com](http://www.defrastoves.com) +44 (0)1929 555211