

*Come home to
the better burning
woodburner...*

The
ALPHA
Collection



defra Smoke Exempt
Appliance
approved
for Smoke Control Areas

Alpha Clean Burn Stoves

ALPHA STOVES

THE BETTER HEAT CHOICE

The **ALPHA** *Collection*



Alpha *The better built choice*

If you're reading this brochure, then you're probably well on the way to deciding that a stove is the right heat choice for you.

So over the next few pages we hope to make choosing an Alpha the obvious choice.

Alpha stoves also feature the finest quality cast iron lids and doors and heavy duty steel bodies that are precision welded by robots. They're also designed with easy maintenance in mind and with readily available competitively priced spares.

You can be comfortable in the knowledge that whichever Alpha stove you choose, you won't buy a better built or better burning stove.

Alpha - Naturally the best heat choice

Choosing an Alpha stove is one of the best decisions a householder can make to do their bit for the environment – and one that pays pleasurable dividends when it comes to totting up the costs to heat your home at the end of a long, cold and miserable winter.

Wood is essentially carbon neutral and a renewable fuel; when woodland is properly managed it can produce more than enough wood for every stove owner in the UK.

Managed woodland creates a healthier habitat for our wildlife and for us to enjoy. But don't just take our word for it, ask the Woodland Trust who campaign to protect our trees and believe that wood burners have an important role to play in woodland economics. With efficiencies of up to 84.3% your wood fuel will deliver you more heat and last a lot longer in an Alpha stove too.

Alpha - The cleaner burning choice

Alpha give you a choice of three highly efficient wood burners – two of which have passed the rigorous clean burn tests needed to be officially listed by Defra (the Department for Environment, Food and Rural Affairs) as smoke exempted appliances. This means that in these Alpha stoves you can legally burn wood in a smoke control area, a designation which applies to most UK cities and towns.

Even if you live in the heart of the countryside, when you install an Alpha stove, you too can be sure that you have made the right choice for your home and the environment, because Alpha stoves are simply amongst the cleanest burning radiant stoves available today. Remember too, you can also burn smokeless coal in an Alpha, wherever you live.



WITH ADVANCED COMBUSTION SYSTEMS

The Alpha I (5.0kW)

DEFRA APPROVED MULTI-FUEL STOVE

Since its successful launch in 2011, the Alpha I multi-fuel and wood burning stove has set new standards for the traditionally styled small radiant stove in terms of its excellent performance and value for money.

With its clean burning pre-heated tertiary air, its outstanding 84.3% efficiency and its superior cast iron and premium steel bodywork, you'd be hard pushed to find a better value 5kW stove – even for twice the money.

As an officially listed Defra smoke exempt appliance, you'll be able to burn wood legally in a UK smoke control area (as well as approved smokeless coal) – and you'll also be burning a lot less of it too, because of the Alpha's class leading efficiency and excellent controllability.

With the Alpha's five year guarantee and easy to maintain construction, we're confident that you'll be enjoying the home comforts and benefits of economical heat for many years to come.



The Alpha II (8.0kW)

DEFRA APPROVED MULTI-FUEL STOVE

The medium sized Alpha II has always been a popular choice for urban homeowners looking for a 'Defra Approved' stove with a strong visual presence.

The Alpha's clean burn combustion system was developed for us by a US Environmental Protection Agency (EPA) laboratory and incorporates pre-heated tertiary air delivered through a series of jets at the top of the fire chamber and just where the flue gas would normally exit through the flueway. This provides a fresh supply of hot combustion air which allows any remaining particulates from the first burn to re-combust, so that smoke and emissions are further reduced. This also increases the stove's efficiency with additional heat output and ensures that very little of your fuel is wasted.

As an officially listed Defra smoke exempt appliance you'll be able to burn wood legally in a UK smoke control area, as well as approved smokeless coal.



The Alpha III (10.0kW)

MULTI-FUEL STOVE

This is the largest free-standing stove in the Alpha Collection and delivers a powerful 10.0kW of heat output to warm even the largest of living rooms on the coldest of winter days.

The clean burn Alpha III offers you effective multi-fuel and wood burning operation with high efficiencies to maximise your fuel economy.

Generously proportioned, the classic good looks and large arched picture window make it the ideal choice for the imposing fireplace or inglenook, typical of the Victorian or Edwardian home and where the rooms are big enough to cope with the Alpha III's abundant heat.

Unusually for a large traditional looking stove, the Alpha III features state of the art pre-heated tertiary air as part of its totally controllable clean burn combustion system, which is designed to reduce the production of sooty emissions and help keep the glass and flue system much cleaner.



THE ALPHA I, ALPHA II & ALPHA III FIVE STAR FEATURES

★ *Clean Burn Combustion System*

The Alpha's pre-heated secondary and tertiary combustion air flow maximises burn efficiency and reduces particulate emissions, such as soot, for the cleanest operation. Uniquely, our tertiary air is introduced to the fire chamber through jets in a cast iron back plate, which allows it to stay hot long after the fuel load has burned down. This maintains heat in the fire chamber to promote cleaner burning and cleaner glass, even at the end of the heat cycle.

★ *Airwash Glass Cleaning System*

The Alpha airwash system helps to keep the glass clean by sending pre-heated secondary combustion air across the Alpha's big picture window to wash any unburned dry particulates back into the fire chamber for re-combusting. Pre-heated tertiary air jets within the cast iron back plate ensure that the fire chamber stays as hot as possible for maximum efficiency; this provides cleaner burning and a cleaner window.

★ *Efficient Multi-Fuel Operation*

The Alpha features an open grate which can easily allow mineral fuel ash to be riddled and deposited in the full width ash pan below. However, when required, it will also permit a sufficient bed of wood embers and ash to be built up which is essential for effective

and efficient wood burning. Primary and secondary air controls allow you to precisely deliver the correct type of combustion air depending on your choice of wood or mineral fuels.

★ *Totally controllable heat*

Highly responsive controls for primary air (air delivered from under the grate for burning mineral fuels) and pre-heated secondary air (air delivered from above the grate for burning wood), make it easier for you to set the fuel burn rate to effectively prolong the life of the fuel load and maximise fuel economy.

★ *Long Life Premium Build Quality*

UK designed and UK CE tested (except Alpha II, tested in Holland), the precision engineered and robot welded steel bodywork, superior F-type detailed castings and premium quality components (from companies such as Forest Paint of USA and Schott Glass of Germany) ensure that Alpha stoves will continue to provide pleasurable heat for many years to come.

Alpha stoves are also designed with the minimum number of parts which are also simple to replace. Our spares are amongst the lowest priced components available from any stove manufacturer, making it easier and more economical to keep your Alpha clean burn stove operating just like new.

ALPHA AT A GLANCE

FREE-STANDING CLEAN BURN STOVES

Name	Model	Net Efficiency	Weight kg	Log	Flue Diameter	Dimensions mm	kW Room
Alpha I	AL905-SE	84.3%	79	250	125mm T&R	H605 W445 D401	5.0
Alpha II	AL907-SE	78.0%	119	350	150mm T&R	H740 W535 D440	8.0
Alpha III	AL910	80.3%	140	400	150mm T&R	H735 W610 D480	10.0

Alpha I and Alpha II are both Defra smoke exempt appliances

KEY: **Log** stands for the recommended log length in mm and allows a safe space at either end of the log – it is not a maximum length. **Weight** stands for the unpacked weight of the stove. **Flue Diameter** stands for the standard flue outlet size (5" or 6"). **T** stands for top flue outlet and **R** for rear flue outlet. Dimensions are the overall dimensions. **Room** stands for nominal heat output to the room, derived from CE Tests when burning wood. All stoves have been CE tested to the applicable EN13240 and EN13229 standards in the United Kingdom by Kiwa GasTec (except AL907 tested by SGS in Holland).

Olymberyl operates a policy of continuous product improvement and therefore we reserve the right to amend products and specifications without prior notice.



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Adina is the exclusive distributor of Hi-Flame stoves for the UK mainland

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