

# ARCHER



FIRES

SPARK YOUR IMAGINATION

**WOOD & GAS STOVES**





At Archer Fires, we understand that every home is as unique as the people who reside within it. That's why we offer a diverse range of stoves, ensuring you have the perfect match for your space and style.

Whether you're drawn to the classic charm and earthy aroma of a wood-burning stove or prefer the instant warmth and convenience of a gas stove, we have a solution that speaks to your individuality.

Explore the seamless blend of aesthetics, efficiency, and comfort as we introduce you to our exquisite collection of wood and gas stoves. Your choice, your warmth, your story.

## BRITISH MADE

### **SOUTH DERBYSHIRE**

All Archer Fires are hand made by people at our factory in South Derbyshire. We believe in the human touch, which is why all of our stoves are hand crafted by people and not robots. As such every stove is made with passion and precision which sparks to life when you light the fire for the first time. Continue reading our story on page 21.

### **DUDLEY, WEST MIDLANDS**

Just as important as manufacturing our stoves in Britain, is sourcing our materials from local, sustainable suppliers. We are proud to work with Thomas Dudley Foundry who has been manufacturing high quality castings in the UK since 1920 and today are one of the most respected cast iron manufactures in the country.



# WOOD LIFE CYCLE

## SUSTAINABLE HEATING

Wood is a renewable biofuel that when used correctly forms part of the natural life cycle. The carbon-neutral nature of wood as a source of energy contributes to sustainable heating practices, reducing our dependence on non-renewable resources and minimising our environmental impact.

## OPTIMISING EFFICIENCY

Hardwood is best left for two seasons from which it was cut before it is burnt. Damp wood does not burn well. Invest in a moisture meter and ensure your wood has less than 20% moisture in it prior to burning. Hardwood's burn longer and slower compared to softwoods, therefore finding the right mixture of wood will optimise your efficiency.

## ACCELERATING DRYING

Storing wood off of the ground will prevent it from absorbing moisture. Likewise a woodshed with good air circulation all the way around will expedite the drying process. Splitting your logs prior to storing them will allow them increase surface area, expediting moisture evaporation and promoting cleaner, more efficient combustion.

## PROTECTIVE MEASURES

Covering your firewood from the elements is a good idea, however take care when using certain materials such as tarps as it prevents moisture from evaporating and can in some cases create condensation. This can lead to damp wood which can rot, consuming the energy contained within the wood and making it unsuitable to burn.

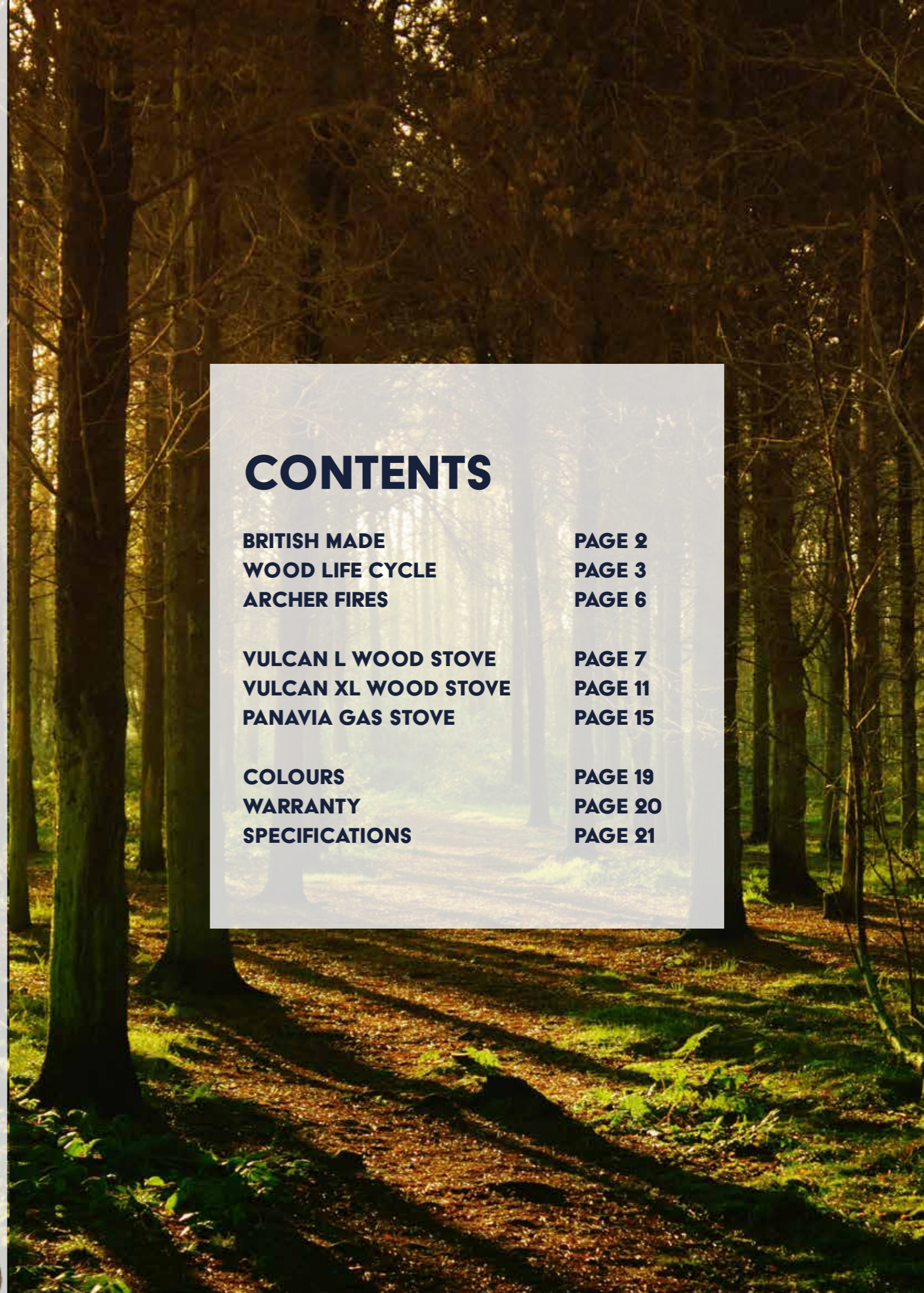
## SELECTIVE BURNING

Not all wood is the same. There are certain species of wood that should never be burnt, along with contaminated timber, plywood, MDF and painted wood. Oak and Ash are excellent examples of high quality wood that can be safely burnt, but always best to mix your wood where possible to get the most from your stove.



## CONTENTS

<b>BRITISH MADE</b>	<b>PAGE 2</b>
<b>WOOD LIFE CYCLE</b>	<b>PAGE 3</b>
<b>ARCHER FIRES</b>	<b>PAGE 6</b>
<b>VULCAN L WOOD STOVE</b>	<b>PAGE 7</b>
<b>VULCAN XL WOOD STOVE</b>	<b>PAGE 11</b>
<b>PANAVIA GAS STOVE</b>	<b>PAGE 15</b>
<b>COLOURS</b>	<b>PAGE 19</b>
<b>WARRANTY</b>	<b>PAGE 20</b>
<b>SPECIFICATIONS</b>	<b>PAGE 21</b>





# ARCHER

FIRES

## APPROVALS

Designed to exceed all current ECO-Design requirements, our Vulcan wood stoves are also DEFRA exempt for burning wood in smoke control zones.



## SECONDARY COMBUSTION

Also known as clean-burn, it is where we introduce additional air high-up into the stoves firebox which helps to burn off any remaining gases and particulates.



## CATALYTIC COMBUSTION

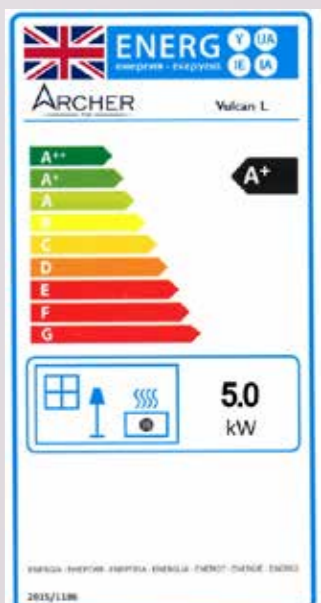
The Vulcan XL has a catalyst in the baffle which promotes the combustion of gases and particulates. This can help to reduce emissions even further than secondary combustion alone.

## EXTERNAL AIR CONNECTION

Both our Vulcan L and Vulcan XL can have an optional manifold fitted allowing them to pull all of the combustion air in from outside the room.

## ENERGY LABELLING

The Energy Labelling Directive provides a framework aimed at mitigating the negative environmental effects of energy-related products and assists in selecting energy-efficient options. Woodburners classified within the A energy rating deliver superior efficiency and lower running costs.




# VULCAN L

## WOOD BURNING STOVE

Our design is a testament to the profound role a wood-burning stove plays in your living space, reflecting our deep respect for both function and aesthetics. The Vulcan L is no exception to this philosophy, with its compact size and 5kW output, its a stove for everyone and can be styled accordingly.

Drawing inspiration from its XL counterpart, this 5kW L version of the Vulcan, has the same modern aesthetic with the black glass door and handles. But inside its an entirely new stove from the bottom to the top.

### SPECIFICATIONS

Nominal Output	5kW
Output Range	4-6kW
Efficiency	83%
Height	1088mm
Width	475mm
Depth	475mm
Flue Diameter	125mm
Weight	115KG
Colours	Black or Blue
Max Log Length	24cm
Energy Rating	



Vulcan L in Blue with Stainless Steel Controls





*Vulcan L in Black with Stainless Steel Controls*



*Vulcan L in Blue with Black Controls*

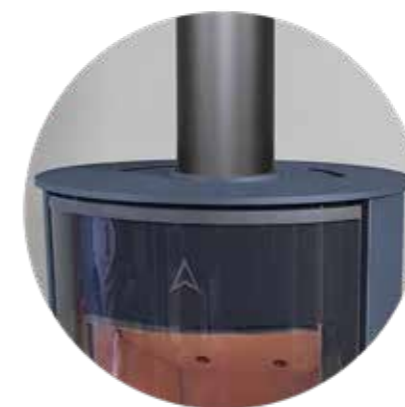
### TOUCH PLATE

When designing the Vulcan L, we knew we wanted an openable door on the bottom, but we found that it was easy to leave fingerprints on it. Which is why we added this sleek black touch plate on the bottom allowing you to push to open, and push again to close.



### “COFFEE POT” ASH-PAN

Underneath the stove is a one-of-a-kind ash-pan that slides in and out with a robust handle just like a coffee pot would. This innovation is enhanced further with this glass strip allowing you to see the ash level inside.



### CONVECTION CASING

The vents on the top allow warm convection air out into the room. This reduces the distance the Vulcan L needs to be away from combustible materials to 100mm both behind or in a corner.

### OPTIONS:

- Bring combustion air in from outside with our external air kit.
- Choose between Metallic Black or Metallic Blue colours.
- Swap the stainless steel handles for black to match your decor.



# VULCAN XL

## WOOD BURNING STOVE

With its plentiful 7kW heat output, the Vulcan XL, wood burning stove is the epitome of warmth, sophistication, and efficiency. Where design and performance unite to transform your living space into a haven of elegance and warmth.

Achieving an impressive 78% efficiency with ultra-low emissions, our Vulcan XL represents eco-conscious heating. It features a built-in catalyst, paving the way for sustainable, cost-effective wood heating, reflecting our commitment to a cleaner, greener future.

### SPECIFICATIONS

Nominal Output	7kW
Output Range	6-9kW
Efficiency	78%
Height	1211mm
Width	550mm
Depth	550mm
Flue Diameter	125mm
Weight	135KG
Colours	Black
Max Log Length	28cm
Energy Rating	<b>A</b>



Vulcan XL in Black with Stainless Steel Controls





### ELEGANT SIMPLICITY

The Vulcan XL embodies simplicity in its design, but the engineering underneath is anything but. Take the beautiful, modern curved black glass door, behind is a robust cast-iron frame that ensures longevity for years to come.



### INNOVATIVE AIRWASH

The air channels on the Vulcan XL have been meticulously designed to minimise sound, and can be operated via a single intuitive push-pull control.



### CATALYTIC COMBUSTION

The Vulcan XL has a catalytic baffle, ensuring clean and efficient burning. We believe that this is the next evolution of eco-friendly heating.



The handle on the side allows you to disengage the catalytic baffle when you first light the stove, then re-engage it once it is burning to further reduce emissions.

### OPTIONS:

- Bring combustion air in from outside with our external air kit.
- Swap the stainless steel handles for black to match your decor.



# PANAVIA

## GAS STOVE

This contemporary masterpiece brings elegance and warmth to your living space. With a nominal output of 4.5kW, it's the perfect balance of style and comfort. Offering exceptional efficiency, with up to 89%, the Panavia Gas stove is a symbol of sophistication and efficiency.

At its heart lies an ultra-realistic flame effect, one so mesmerising that the dance of the flames will enchant your soul. The flames elegantly flicker and sway over the high-definition log set, creating a spectacle that's so lifelike, it's as if you're gazing into a log fire.

### SPECIFICATIONS

Nominal Output	4.5kW
Output Range	3-6kW
Efficiency	89% (82% LPG)
Height	1058mm
Width	405mm
Depth	405mm
Flue Diameter	100/150mm
Weight	80KG
Colours	Black, Blue, Grey or Specials
Energy Rating	<b>A</b>







Panavia in Black



Panavia in Metallic Blue

### REMOTE CONTROL

With just a few clicks, you can adjust the flame height and heat output to your liking, all from the comfort of your favourite spot. Whether it's a chilly morning, a relaxing evening, or any moment in between, the remote ensures that you have complete control at your fingertips.



### BALANCED FLUE

The Panavia has a 100/150mm concentric flue outlet, and is equipped with the required adaptor. This will ensure a perfect connection to the chimney every time.



### REALISTIC FLAME EFFECT

Introducing our next generation elevated burners. The result is an ultra-realistic flame effect that will leave you captivated and questioning if it is not an actual log burner.



### HIGH-DEFINITION LOGS

Much more than just an accessory; they're a key element in creating a visual masterpiece that brings your living space to life. These meticulously crafted logs combined with the glowing ember effect beneath elevate the ultra-realistic flame effect, adding a sense of authenticity to your fireside experience.



# COLOURS

In addition to our standard metallic black, metallic blue and light metallic grey colours, it is possible to have the Panavia gas stove in one of eight special edition finishes to better match your decor.



*Metallic Black*



*Metallic Blue*



*Metallic Light Grey*

Can't find your perfect shade? Contact your local Archer Fires retailer for the full colour range.



*Mahogany*



*Copper*



*Tan*



*Sunset*



*Mojave Red*



*Shimmering Rose*



*Emerald Green*



*Patriot Blue*

## Every Flame Tells a Story...

James Archer is a name synonymous with excellence and innovation when it comes to wood burning stoves. This collection of contemporary woodburning and gas stoves will enhance that reputation further by setting new standards in home heating.

Having spent time installing, sweeping and fixing stoves for other top brands, James put his mechanical engineering background to good use in 2016 when he designed his own range of traditional wood and multifuel stoves, quickly becoming one of the fastest growing, UK made new stove brands in Britain.

Now it's time to put that experience and prestige to use and take on the modern stove market. Reducing our reliance on Europe and the rest of the world by building everything in Britain is a core value to James, as is sourcing all of the steel and cast-iron components from local British suppliers.

## WARRANTY

Archer wood stoves comes with a 5 year guarantee on the stove body. Simply purchase your stove and have it installed from one of our authorised dealers to automatically activate your warranty. Archer gas stoves come with a 5 year guarantee\*\*\* on the stove body and a 1 year limited guarantee on all gas parts and electronics. Installation should be as per the current regulations governing the fitting of wood or gas fires.

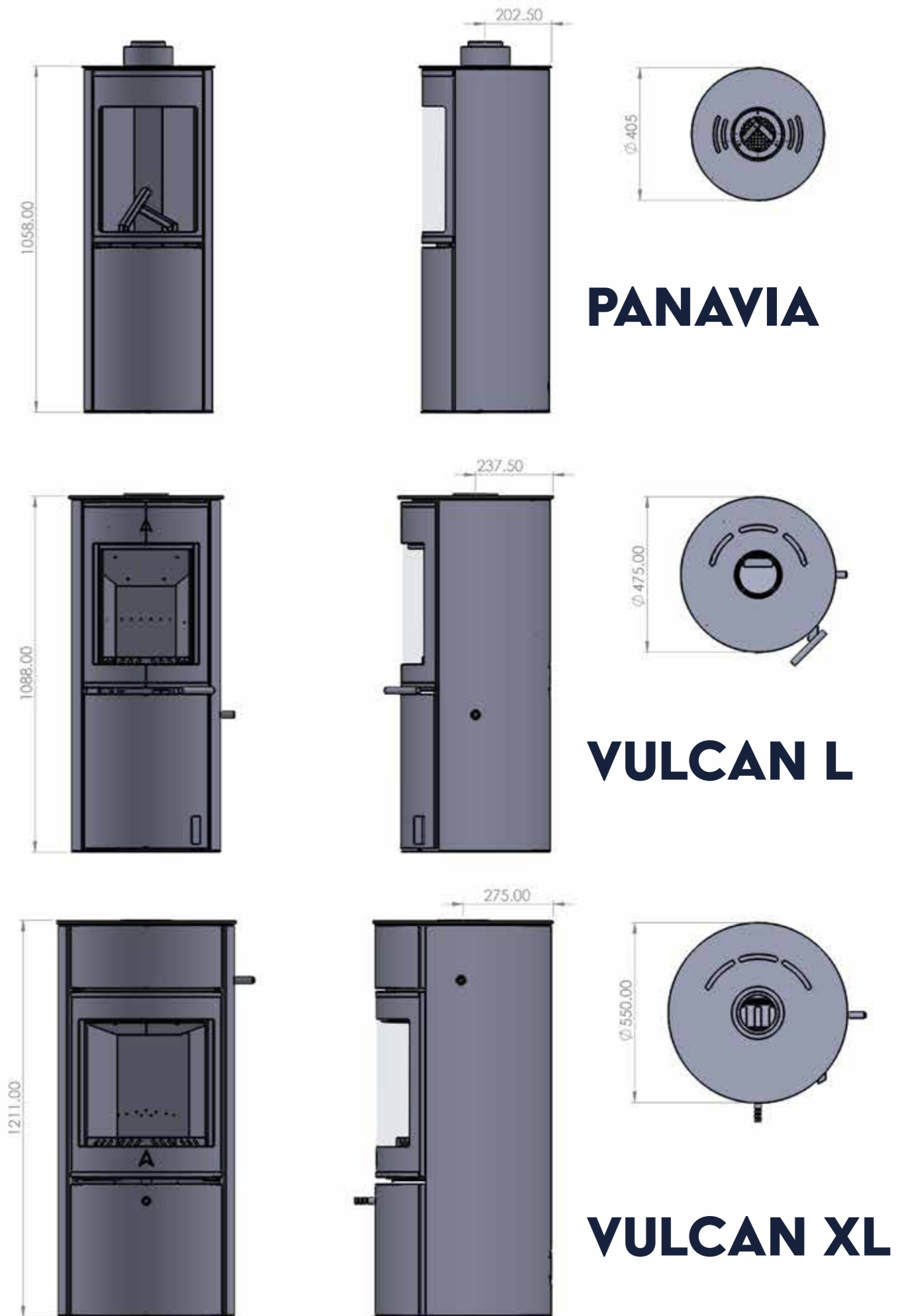




# SPECIFICATIONS

	PANAVIA	VULCAN L	VULCAN XL
<b>FUEL</b>	Natural Gas / LPG	Wood	Wood
<b>HEIGHT</b>	1058mm	1088mm	1211mm
<b>WIDTH</b>	405mm	475mm	550mm
<b>DEPTH</b>	405mm	475mm	550mm
<b>FLUE SIZE</b>	150/100mm	125mm	125mm
<b>FLUE LOCATION</b>	Top	Top	Top
<b>FLUE CENTRE TO BACK OF STOVE</b>	202.5mm	237.5mm	275mm
<b>WEIGHT</b>	80KG	115KG	135KG
<b>NOMINAL OUTPUT</b>	4.5KW	5KW	7KW
<b>HEAT RANGE</b>	3-6KW	4-6KW	6-9KW
<b>EFFICIENCY</b>	89% (82% LPG)	83%	78%
<b>DTC BEHIND</b>	150mm	80mm*	100mm*
<b>DTC CORNER</b>	150mm either side	100mm either side	100mm either side
<b>CONTROLS</b>	Remote (as standard)	Single Air Slider	Single Air Slider & Catalytic Baffle Slider
<b>EXTERNAL AIR</b>	N/A	Optional	Optional
<b>ECO-DESIGN</b>	N/A	Yes	Yes
<b>DEFRA EXEMPT</b>	N/A	Yes**	Yes**
<b>ENERGY RATING</b>	A	A+	A

\* Distances to combustibles only applicable when fitted with an insulated twinwall off the top of the stove.  
 \*\* Vulcan stoves meet the requirement for DEFRA Exemption and are pending listing on the official register.  
 \*\*\* Warranty does not include consumable items, consult product manual for full warranty information.







# ARCHER

FIRES

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