



ACR  
STOVES

NEO CONTEMPORARY MULTIFUEL STOVE RANGE



STOVES YOU CAN REALLY ENJOY



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NEO

## CONTEMPORARY MULTIFUEL STOVE RANGE



With over twenty five years experience designing some of the world's finest woodburning and multifuel stoves we are pleased to introduce our Neo range of multifuel, premium quality contemporary stoves. Designed and engineered from the ground up to meet the needs of modern room heating.

Featuring heavy gauge steel construction with a cast iron door and lined firebox, each of our Neo stoves offers its own distinct style and character. Whichever you choose all of our Neo stoves are built for many years of dependable use.

All Neo stoves are available in a black stove paint finish with a choice of either

cupboard, pedestal base, legs or a wall-hanging option. The four options are further enhanced by being available with either a single glass door panel or with additional side panel glass.

Featuring a powerful airwash system to sweep the door glass panel clear of combustion deposits, you will enjoy a stunning view of the fire.

Cleanburn technology and a lined firebox ensure that you get the maximum efficiency from your fuel supplies - whether you choose to burn wood or solid fuel. The entire Neo range is 'Smoke Exempt' which means that you can even use our stoves to burn wood in smoke controlled zones.

## Essential stove information

### STOVE CONSTRUCTION

All Neo stoves feature stove bodies made from premium grade heavy gauge steel with a solid cast iron door, top plate, flue collar and grate. We use a heavier gauge of steel than most stoves to ensure many years of service and reliability.

### OUTPUTS

ACR Firebox Stoves produce varying degrees of heat. In order to calculate whether an appliance will be suitable for your room please consult your local dealer for advice. As a general rule of thumb you will need approximately 1 Kw of heat for every 14 cubic metres of room-space (based on an outdoor temperature of 0°C). Measure your room's height, width and depth to obtain a total cubic metres figure and divide by 14. This calculation can be influenced by other factors such as levels of insulation and number of windows, so treat your final figure as a guideline only.

Your dealer will be happy to provide you with a more accurate calculation.

### SMOKE EXEMPT

Smoke Exempt means that you can now burn wood in designated smoke controlled zones. All the stoves in this brochure are fully approved as Smoke Exempt by DEFRA, this requires that the stove is used in accordance with the users manual. Visit [www.defra.gov.uk](http://www.defra.gov.uk) for further information.



### CE CERTIFICATION

In line with current building regulations your installer will need to check that the appliance he is installing is CE approved. All of our stoves are fully CE approved and the appropriate certification is available to your installer by calling ACR Heat Products on 0121 706 8266.

### DIRECT AIR SUPPLY

All Neo stoves can be connected to a direct air supply. This allows combustion air to be drawn into the stove directly from outside your home. Our direct air kit is designed for optimum performance with our stoves and is available from your local ACR dealer.



Optional direct air supply kit.



All Neo stoves feature a unique calibrated air control dial for simple and precise operation of the stove.



All Neo stoves feature a discreet ashpan mechanism. Simply slide out the drawer, fit the lid in place and remove the ashpan with minimum mess.



All of our stoves are designed with a range of sophisticated features and a traditional black stove paint finish.

Please see page 17 for ten year warranty information.

## Sophisticated on the outside... sophisticated on the inside...

### 1 UK FRIENDLY INSTALLATION

All Neo stoves are supplied as standard with a UK friendly 125mm (5") flue collar.

### 2 SOLID CONSTRUCTION

Our stoves embody 25 years of design experience and are manufactured only from premium grade materials to withstand the high combustion temperatures and for many years of enjoyable dependability.

### 3 AIRWASH SYSTEM

Combustion can produce deposits that build up on the inside of your stove, causing the glass door panel to become obscured. Our airwash system is designed to sweep away these deposits leaving a clear view of the fire.

### 4 CLEANBURN TECHNOLOGY

Our highly efficient cleanburn combustion means more heat to your room and less harmful emissions to the atmosphere.

### 5 LINED FIREBOX

More heat is retained for keeping you warm and our lining system also helps to keep the stove clean on the inside.

### 6 LIDDED ASHPAN SYSTEM

User-friendly ashpan removal system complete with lid for minimal unwanted mess when cleaning out your stove.

### 7 STRAIGHTFORWARD CONTROL SYSTEM

Single front mounted control making an easy task of lighting your stove and then maintaining consistent outputs.

### 8 EASY TO MAINTAIN

Our stove paint finish can be wiped down when cool with a soft lint free cloth. A specialist ACR stove paint is available should you need to restore your stoves finish.

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## Stoves and the environment



Woodburning is a highly efficient way of heating your home and by choosing an ACR Heat Products stove you can make a difference now to reducing your carbon emissions. Wood is environmentally friendly as it consumes more carbon dioxide whilst growing than it emits when burning. Wood is also one of the few fuels which is renewable in our lifetime.

The Carbon Trust recognises wood as a carbon neutral fuel:

| Fuel               | Kgs of CO <sub>2</sub> per week |
|--------------------|---------------------------------|
| Electricity        | 128 Kg                          |
| Coal               | 116 Kg                          |
| Oil                | 88 Kg                           |
| Gas                | 63 Kg                           |
| Coal/water 50% mix | 58 Kg                           |
| Wood               | Zero Kg                         |

### SEASONING & STORING LOGS

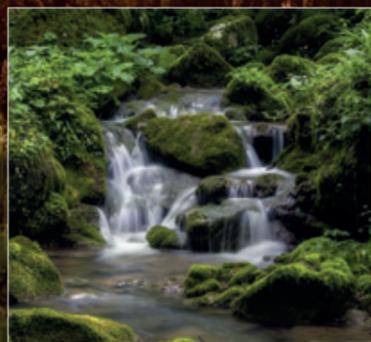
We recommend that our customers select seasoned wood purchased from a sustainable forest management scheme, to ensure that the wood you use will be replaced using reliable methods. For more information please visit [www.acrheatproducts.co.uk](http://www.acrheatproducts.co.uk).

Trees contain a lot of water, freshly cut logs will contain about 50% water and will be difficult to burn and may cause excessive tar deposits on glass panels, stove components and the flue pipe. We recommend that logs should be cut to the required lengths and stored outside in a manner that allows air to circulate, but under cover so they are protected from rain. If possible, it is always best to season the wood for two years before burning reducing water content to less than 20%.

### SOLID FUEL

We do not recommend the use of house coal or petroleum based solid fuels with our products. You are advised to check the compatibility of the fuel you intend to use with your chosen stove before you commit to buy.

For independent advice on all fuel types, please contact the Solid Fuel Association on 0845 601 4406.



“ We all have an obligation to protect the environment and preserve its future. Making informed energy decisions now will reflect in the environment around us in the years to come. ”



NEO 1C / 3C 5kw

The Neo 1C /3C is everything you would expect from a fully featured, contemporary stove. Being Smoke Exempt means you can now burn wood in smoke controlled areas. All NEO stoves are also suitable for use with a range of smokeless fuels.

The Neo 1C /3C has a discreet cupboard base, ideal for convenient storing of logs and kindling.

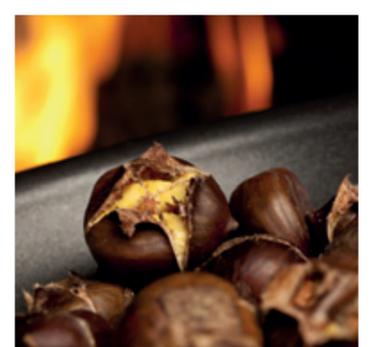
With a large glass door equipped with a powerful airwash to keep it clean, the NEO1C will give excellent views of the fire. The NEO3C has the benefit of additional side panel glass to give a more panoramic view of the flames.

FEATURES AT A GLANCE

- High quality steel construction with cast iron door and top casting for strength and efficient heat transfer
- Smoke Exempt - you can now burn wood in smoke controlled areas
- Multifuel - can be used with wood and smokeless fuel
- 5kw nominal output
- 125mm (5") flue collar for straightforward installation
- No additional room air requirement\*
- High efficiency lined firebox
- Large glass window for a relaxing view of the flames with single or three panel glass options
- Very powerful airwash to help keep the glass panel free of deposits
- Discreet storage cupboard base with optional kit to convert the cupboard into an integral open fronted log store
- Finished in matt black stove paint
- Brushed steel handle
- Easy to operate, front mounted calibrated air control dial
- Convenient ash removal system with anti-spill lid
- Optional direct air supply kit available (100mm spigot)
- 10 Year warranty



An optional kit is available for the Neo 1C/3C to convert the cupboard into an integral open fronted log store.



The Neo1C/3C features a convenient storage cupboard, ideal for keeping logs and kindling close to hand.

\*Depending on the age and type of property and should be confirmed with your installer.



NEO 1P / 3P

5kw



With its striking pedestal base the Neo 1P/3P is everything you would expect from a fully featured, contemporary stove - creating a real sense of occasion in any room.

The large glass door panel is swept clean by a powerful airwash system so the NEO1P offers excellent views of the fire. The NEO3P has the benefit of side panel glass in addition to the front glass to give a more panoramic view of the flames.

Being Smoke Exempt means that you can burn wood in smoke controlled areas, allowing you to enjoy a real stove whether in the town or country. All NEO stoves are also suitable for use with a range of smokeless fuels.

FEATURES AT A GLANCE

- High quality steel construction with cast iron door and top casting for strength and efficient heat transfer
- Smoke Exempt - you can now burn wood in smoke controlled areas
- Multifuel - can be used with wood and smokeless fuel
- 5kw nominal output
- 125mm (5") flue collar for straightforward installation
- No additional room air requirement\*
- High efficiency lined firebox
- Large glass window for a relaxing view of the flames with single or three panel glass options
- Very powerful airwash to help keep the glass panel free of deposits
- Single pedestal base
- Finished in matt black stove paint
- Brushed steel handle
- Easy to operate, front mounted calibrated air control dial
- Convenient ash removal system with anti-spill lid
- Optional direct air supply kit available (100mm spigot)
- 10 Year warranty



Stabilising brackets are available as an option for the Neo 1P/3P for installations that, for example, have a slightly uneven hearth. The brackets secure the base of the stove body to the wall and can be adjusted to the required length.

\*Depending on the age and type of property and should be confirmed with your installer.



NEO 1F / 3F 5kw

The Neo 1F/3F is fitted with four short cylindrical legs, making this variant ideal for installing into a fireplace recess. Also perfect for freestanding applications with a distinctly different look to the pedestal or cupboard models.

Swept clean by a powerful airwash system, the glass panel of the NEO1F offers excellent views of the fire. The NEO3F has the benefit of side glass panels in addition to the front glass for an expansive view of the flames.

Being Smoke Exempt means that you can burn wood in smoke controlled areas, allowing you to enjoy a real stove whether in the town or country. All NEO stoves are also suitable for use with a range of smokeless fuels.

FEATURES AT A GLANCE

- High quality steel construction with cast iron door and top casting for strength and efficient heat transfer
- Smoke Exempt - you can now burn wood in smoke controlled areas
- Multifuel - can be used with wood and smokeless fuel
- 5kw nominal output
- 125mm (5") flue collar for straightforward installation
- No additional room air requirement\*
- High efficiency lined firebox
- Large glass window for a relaxing view of the flames with single or three panel glass options
- Very powerful airwash to help keep the glass panel free of deposits
- Short legs for installation into a recess or floor-standing
- Finished in matt black stove paint
- Brushed steel handle
- Easy to operate, front mounted calibrated air control dial
- Convenient ash removal system with anti-spill lid
- Optional direct air supply kit available (100mm spigot)
- 10 Year warranty



\*Depending on the age and type of property and should be confirmed with your installer.



NEO 1W / 3W 5kw

The Neo 1W/3W stoves have both been designed for wall mounting - bringing a new dimension to contemporary real fire heating. They both retain all the defining features of the Neo range including the clever ash removal system and air control dial.

The large glass door panel is swept clean by a powerful airwash system offering excellent views of the fire. The NEO3W has additional side glass panels to give a panoramic view of the flames.

Being Smoke Exempt means that you can burn wood in smoke controlled areas, allowing you to enjoy a real stove whether in the town or country. All NEO stoves are also suitable for use with a range of smokeless fuels.

FEATURES AT A GLANCE

- High quality steel construction with cast iron door and top casting for strength and efficient heat transfer
- Smoke Exempt - you can now burn wood in smoke controlled areas
- Multifuel - can be used with wood and smokeless fuel
- 5kw nominal output
- 125mm (5") flue collar for straightforward installation
- No additional room air requirement\*
- High efficiency lined firebox
- Large glass window for a relaxing view of the flames with single or three panel glass options
- Very powerful airwash to help keep the glass panel free of deposits
- Designed for wall-mounting
- Finished in matt black stove paint
- Brushed steel handle
- Easy to operate, front mounted calibrated air control dial
- Convenient ash removal system with anti-spill lid
- Optional direct air supply kit available (100mm spigot)
- 10 Year warranty



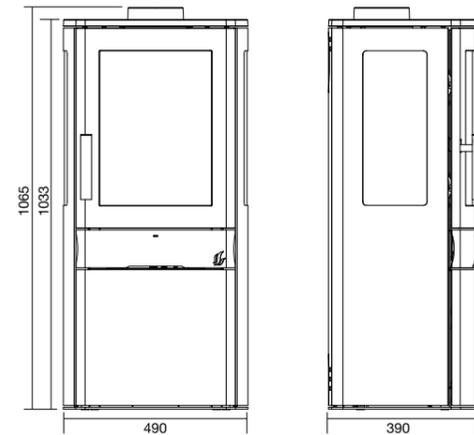
All Neo stoves feature a unique calibrated air control dial for simple and precise operation of the stove.

\*Depending on the age and type of property and should be confirmed with your installer.

## Neo technical specifications

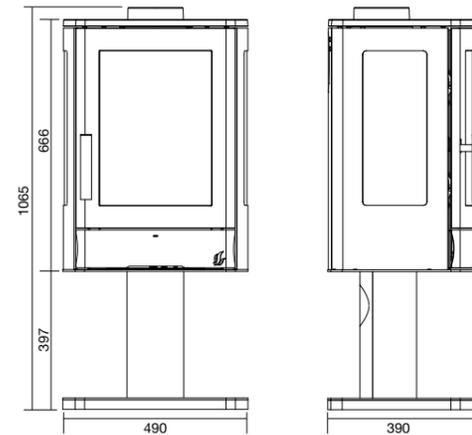
All dimensions are quoted in mm unless stated otherwise.

### Neo 1C / 3C



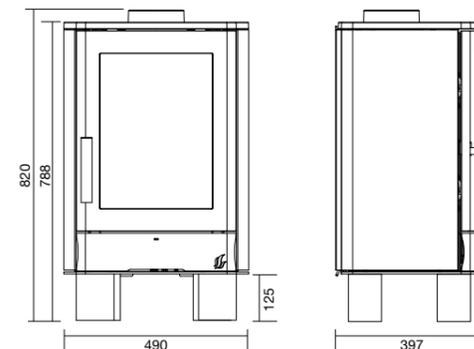
|   |                     |
|---|---------------------|
| Fuel                                    | Wood and Solid Fuel |
| Nominal Output                          | 5 kw                |
| Net Efficiency                          | 81.8%               |
| Gross Efficiency                        | 74.4%               |
| Max Hearth Temp                         | Less than 100°C     |
| Weight                                  | 110 kg              |
| Max Log Size                            | 40 cm               |
| Flue Diameter                           | 125 mm (inside dia) |
| Flue Location                           | Top or Rear         |
| Floor to centre of rear flue outlet     | 920 mm              |
| Rear of stove to centre top flue outlet | 145 mm              |
| Construction                            | Cast Iron and Steel |

### Neo 1P / 3P



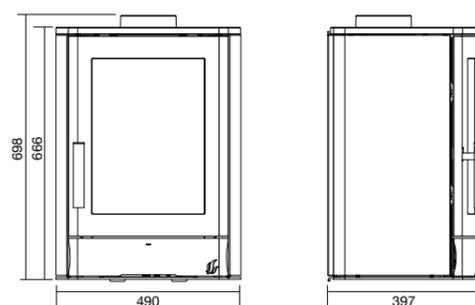
|   |                     |
|---|---------------------|
| Fuel                                    | Wood and Solid Fuel |
| Nominal Output                          | 5 kw                |
| Net Efficiency                          | 81.8%               |
| Gross Efficiency                        | 74.4%               |
| Max Hearth Temp                         | Less than 100°C     |
| Weight                                  | 105 kg              |
| Max Log Size                            | 40 cm               |
| Flue Diameter                           | 125 mm (inside dia) |
| Flue Location                           | Top or Rear         |
| Floor to centre of rear flue outlet     | 920 mm              |
| Rear of stove to centre top flue outlet | 145 mm              |
| Construction                            | Cast Iron and Steel |

### Neo 1F / 3F



|   |                     |
|---|---------------------|
| Fuel                                    | Wood and Solid Fuel |
| Nominal Output                          | 5 kw                |
| Net Efficiency                          | 81.8%               |
| Gross Efficiency                        | 74.4%               |
| Max Hearth Temp                         | Less than 100°C     |
| Weight                                  | 90 kg               |
| Max Log Size                            | 40 cm               |
| Flue Diameter                           | 125 mm (inside dia) |
| Flue Location                           | Top or Rear         |
| Floor to centre of rear flue outlet     | 675 mm              |
| Rear of stove to centre top flue outlet | 145 mm              |
| Construction                            | Cast Iron and Steel |

### Neo 1W / 3W



|   |                     |
|---|---------------------|
| Fuel  | Wood and Solid Fuel |
| Nominal Output                              | 5 kw                |
| Net Efficiency                              | 81.8%               |
| Gross Efficiency                            | 74.4%               |
| Max Hearth Temp                             | Less than 100°C     |
| Weight                                      | 90 kg               |
| Max Log Size                                | 40 cm               |
| Flue Diameter                               | 125 mm (inside dia) |
| Flue Location                               | Top or Rear         |
| Base of stove to centre of rear flue outlet | 556 mm              |
| Rear of stove to centre top flue outlet     | 145 mm              |
| Construction                                | Cast Iron and Steel |

## Stove warranty information

### 10 YEAR WARRANTY

All ACR Heat Products stoves are covered by a 10 year warranty which covers all stove body castings / stove body steel panels. It does not include consumable items such as glass, door seals and ashpan runners. This 10 year warranty is only applicable when the stove is purchased from one of our recommended retailers. If a stove from any of our brands is purchased from a non-recommended retailer then only a 12 month warranty will be applicable as outlined below.

All stoves are covered by a 1 year castings warranty when purchased through a non-recommended retailer. The warranty covers the stove body castings only and does not include consumable items such as grates, firebricks, vermiculite panels, baffles, log guards, door rope and glass.

Any warranty claims should be addressed to your original supplier and accompanied with the date of purchase and serial number of the appliance.



## Stove accessory range

### KEEPING YOUR STOVE IN TIP-TOP CONDITION

Our stoves are carefully engineered for many years of trouble free service. To keep your stove looking its best and working efficiently we offer a range of products and consumable spare parts specifically designed for maintaining your stove.

### ACR TRADITIONAL STOVE PAINT

A premium quality temperature resistant paint designed for keeping the appearance of all stove paint finish stoves looking as-new. The environmentally friendly spray makes application to your stove straightforward and with a heat resistant rating up to 650°C you can be assured of a long lasting quality finish on your stove.



### ACR GLASSBRIGHT DOOR GLASS CLEANER

Specially formulated to make cleaning your stoves glass as easy as possible. Unsightly deposits can build up from burning unseasoned wood or non-recommended solid fuels, spoiling the view of the fire. Regular cleaning with Glassbright will assist by dissolving away these stubborn deposits and make cleaning much easier.



### DOOR SEALS

It is important that door seals are maintained to ensure your stove is operating at maximum efficiency. Your supplying stove dealer will stock new door rope seals for your ACR stove. We recommend that you replace the seal if the current one is showing excessive signs of wear and tear, or damage.

### SPARE PARTS

A wide range of spare parts are available from stock for your ACR stove. Should you encounter a problem and require parts, please contact your supplying dealer.





## Stove installation

The installation must be carried out by a competent person registered with a Government approved competent persons scheme. For example, HETAS Ltd operate a competent person scheme - please visit [www.hetas.co.uk](http://www.hetas.co.uk) to learn more and to find a qualified installer.

Alternatively, the installation can be carried out under Local Authority Building Control approval.





Your local ACR dealer:

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Scan code with your mobile device for more information



All installations shown in this brochure are for illustrative purposes only. All actual installations must comply with the latest building regulations and ACR Heat Products Ltd installation manuals. Please note that due to limitations of the printing process, colour reproduction of the stoves may vary slightly from those shown. Please consult your dealer for more accurate colour matching. ACR Heat Products Ltd reserves the right to amend any specifications herein or to make any product design changes. The specifications, dimensions and information shown within our brochures are provided for information purposes only and are not binding. With the aim of constantly improving our equipment, all modifications considered necessary may be made without notice.