

**For stoves ranges:**

Becton 5 and 7

Becton 5 Inset

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**PLEASE RETAIN THIS GUIDE FOR FUTURE REFERENCE**

**BK565 Rev 01**

EN 13240:2001+ Amd. A2:2004



MADE IN BRITAIN



March 2013



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More than 20 years experience has been put into the development of our stoves to ensure ultimate performance and years of trouble free use and enjoyment.

Every detail of the stove has been carefully designed and engineered which is why we are so confident in the reliability of our products.

Should you have any questions about our stoves that are not covered by this manual, please contact the Arada retailer in your area, or call our technical support department on

08448 567181 .

All Arada stoves are tested to European Standard EN 13240.

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## **WARNINGS**

Pure Petroleum coke or Bituminous house coal must not be burned in this appliance. The use of these fuels will invalidate the appliance guarantee.

Arada recommend the use of HETAS approved smokeless fuels which have been deemed suitable for use in closed appliances, including multi fuel stoves.

It is a legal requirement that the installation of all new or replacement wood or solid fuel heating appliances must obtain building control approval from your local authority.

The installation must comply with all current building regulations and any additional local ordinances. Installation work must be carried out by a qualified heating engineer affiliated to a government approved competent persons scheme such as operated by HETAS.

If in doubt, contact HETAS Ltd. T: 0845 634 5626 W: [www.hetas.co.uk](http://www.hetas.co.uk)

A fireguard conforming to BS 8423:2002 should be used in the presence of children and old or infirm people.

Do not use aerosol sprays or any other flammable materials near the appliance when in use.

Arada Ltd will not be responsible for any consequential or incidental loss or injury however caused.

Arada has a policy of continuous product development and therefore we reserve the right to amend the specification without prior notice.

Due to printing cycles, items or options may be described before they are generally available or after they have ceased.

### OPERATING YOUR STOVE

Our stoves are designed to be operated with the fire door(s) closed at all times, apart from refuelling (when alight) or cleaning (when cold).

Never leave the appliance unattended for an extended length of time with the door(s) open.

Visit our Youtube channel for our 'how-to' series of videos:  
<http://www.youtube.com/aradastoves>

### FUEL TYPES

#### WOOD

Any type of wood is suitable provided it is well seasoned and has a moisture content below 20%. This usually implies that the timber has been suitably stored to allow moisture to evaporate for at least nine months in the case of soft wood, and at least twenty four months in the case of hard wood. We recommend that for general burning wood should be split into logs of no more than 100mm (4") diameter.

#### SOLID FUEL

Arada recommends the use of HETAS approved smokeless fuels which have been deemed suitable for use on closed appliances, including multi fuel stoves. These include:

Homefire Ecoal	Phurnacite
Homefire Ecoal Instant Light	Taybrite
Homefire	Newflame
Homefire Ovals	Maxibrite
Supertherm	Sunbrite
Ancit	Pureheat

### LIGHTING THE FIRE

Prior to lighting the stove for the first time, check with the installer that the installation and all building work is complete.

Ensure that you have read and understood these instructions before lighting the fire.

### AIR INLET CONTROLS

Your stove has two air inlet controls. These are located either on the stove body or the door.

The primary air inlet providing under draught to the base of the fire chamber and the airwash system (secondary air) providing overdraught. *The exact controls may differ from those illustrated in this manual but will work in the same way.*

#### PRIMARY AIR

Air enters the appliance through the control on the bottom of the fire door. Your stove has a single control knob which slides left to right.

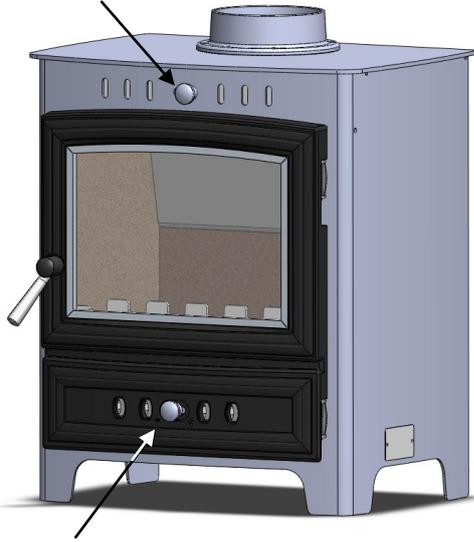
#### AIRWASH SYSTEM / SECONDARY AIR

The airwash has an internal sliding plate with slots, housed in a cover plate, and is located above the fire door. Sliding the control knob to the right as far as it will go, achieves the fully open position.

## USER GUIDE

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Airwash Inlet Control



Primary Air Inlet Control

### BURNING WOOD

- Set the fire by using rolled up newspaper and kindling.
- Use two or three fire lighters to light the kindling.
- Fully open the primary air and airwash controls.
- After the kindling has caught light, leave the fire door ajar by about 20mm. This will aid flue draw.
- Flue draw should be established after 5 minutes, and the kindling well burnt to form an ember bed.
- Carefully load the stove with well seasoned wood and close the fire door.
- After 10-15 minutes, regulate the airwash control, typically reduce to approximately half way.
- Close the primary air control as generally no air from below the grate is required when burning wood.

### BURNING SOLID FUELS

- Set the airwash to one quarter open and set the primary air inlet to fully open.
- Light as with wood with kindling or fire lighter.
- Once flue draw has been established, after about 5 minutes, carefully load the stove with fuel and close the door.
- When the fire is well alight regulate the burning rate by controlling the primary air inlet control.
- The airwash can be opened sufficiently to keep the door glass clean.

**WARNING:** Properly installed, with a suitable flue or chimney, operated and maintained correctly, this appliance will not emit fumes into the dwelling. Occasional fumes when de-ashing and re-fuelling may occur. However, persistent fume emission is potentially dangerous and must be investigated by a HETAS registered installer.

**Stop using the appliance if you smell fumes or see smoke escaping.**

*Please Note: The high temperature paint acquires durability by being "cured" during the initial firings of the appliance. It will give off fumes which are non toxic, but certain persons may find they have an unpleasant or irritant effect. Ensure that the surrounding area is well ventilated during this time.*

### DOOR GLASS

The door glass should remain clear during normal burning. However, under certain conditions, such as burning at a low rate, using damp wood, or overnight burning, the glass may become somewhat blackened. To remedy this, operate the appliance at a fast rate. Alternatively when the stove is cold, open the door and clean the inside face of the glass with a damp cloth or with glass cleaner (available from stove stockists and online at [www.aradastovesandspares.com](http://www.aradastovesandspares.com)).

### REDUCED BURNING

When wood is burnt slowly in a closed appliance, it produces moisture and tar, which will create condensation and deposits in the chimney. To avoid chimney problems this effect can be minimised by burning hard for a short period, fifteen to twenty minutes, twice a day.

### OVER FIRING & CHIMNEY FIRES

Do not over fire your appliance.

Firing the stove at maximum for prolonged periods may result in over-firing. If the chimney connector or casing glows red the appliance is being over-fired, this may result in a chimney fire.

### ASH REMOVAL

The appliance will require ash to be removed periodically but an ash bed of approximately 20mm (3/4") should be maintained. Care must be taken not to risk burning of hands or household objects from falling embers.

The ash pan should be emptied when the level

of ash reaches the top of the ash pan. On no account should the ash be allowed to build up to touch the underside of the grate bars, as this will greatly reduce the life span of the grate. The ash will require less frequent removal when burning wood than solid fuels.

**WARNING:** The ash can be very hot. Empty only into a metal container. Even if the ash appears cold, red-hot pieces of ash may be concealed and could easily start a fire or cause an injury.

### SUMMER STORAGE

Please ensure that your stove is left clean and moving components are well lubricated for the summer months (during periods of prolonged non use). If possible store the throat plate outside of the stove. Check all moveable components at regular intervals to ensure they are moving freely.

Allow air movement through the stove by opening the airwash and primary air inlet control(s) to about half way open, or leave the door ajar. This will allow a free flow of air through the appliance thus preventing moisture and condensation forming inside the stove and chimney. This preventative maintenance will ensure your stove stays in the best condition for the coming winter months.

### ADJUSTING THE DOOR HINGES

Once the appliance has been under fire for a period of time the fire door may appear to have moved out of alignment with relation to the door aperture or catch. This is quite normal and due to the settling of the casting.

The fire door can be re-aligned as follows:

- When the appliance is cold, open the fire door so that it is at right angles to the front of the stove.

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- Lift the fire door up off its hinges.
- Gently tap the hinge pins in the direction to compensate for the misalignment.
- Re-fit the door and check to ensure it now sits square to the body; if not repeat the above steps.

**If the fire door needs to be raised, please follow the instructions below:**

- When the appliance is cold, open the fire door so that it is at right angles to the front of the stove.
- Lift the fire door up off the hinges.
- Drop one washer on the top and bottom hinge pins. Fit the door and check.

## REPLACEMENT PARTS

As a leading manufacturer we are conscious of being able to support all our stove users online and via our network of dealers with the supply of spare parts to ensure your continued enjoyment and warmth from your Arada stove.

You can find essential spares and consumables such as liners, grate bars and throat plates as well as items to enhance your stoves visual appearance and efficiency such as Arada anthracite stove paint and rope kits at:

[www.aradastovesandspares.com](http://www.aradastovesandspares.com)

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## Guarantee

Your Becton stove carries a guarantee against defects of manufacture and faulty workmanship for a period of 12 months from date of purchase. This does not apply to items which would be subject to fair wear and tear. Fire box liner panels, fuel retainer, throat plate, door rope, door glass and gaskets are not covered by the guarantee. However should you have any problems with your appliance please contact your supplier / stockist who will have the knowledge and facilities to help you.

The Supplier / Manufacturer will not be responsible for any consequential or incidental loss, damage, or injury however caused. Use of spare parts other than those supplied by the manufacturer will invalidate the appliance warranty.

All guarantee periods commence on the date of purchase and are non-transferable. Our guarantee is offered as an addition to your statutory rights. The guarantee is applicable to the original purchaser only and is non-transferable.

If further information is required please contact our technical helpline who will be pleased to offer assistance. Please telephone 0844 8475107 or email [info@arada.uk.com](mailto:info@arada.uk.com).

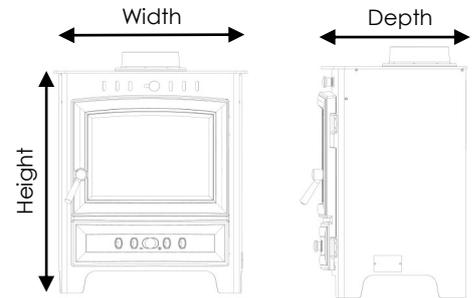
**Notes:**

# Technical Information

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## Freestanding

Code	kW Output	mm			Flue Diameter	Net Efficiency
		Height	Width	Depth		
BEC5X	4.9	523	388	342	4"	74.7 %
BEC7X	7.1	555	480	345	5"	72.1%



## Inset Models

Code	kW Output	Height	mm Width	Depth	Depth into Fireplace	Depth of front fascia	Flue Outlet Style	Net Efficiency
BEC5X-INSET	5	590	546	407	197	210	Letterbox Style	80.1%

### Model:

BEC5X

BEC7X

BEC5X-INSET

Assembled By.....

Checked by.....

We recommend recording when you purchased your stove for future reference:



The Fireworks  
 Weycroft Avenue  
 Axminster  
 Devon  
 EX13 5HU

arada

www.arada.uk.com www.aradastovesandspares.com