



WF35

UK: INSTALLATION MANUAL AND OPERATING INSTRUCTIONS

WESTFIRE

DANSK INGENIØRKUNST

WF35

PRODUCT SHEET

Energy Labelling Directive –(EU) 2015/1186 for Solid Fuel Boilers and Packages of Solid Fuel Boilers, Supplementary Heaters, Temperature Controls and Solar Devices
 Gemäss Verordnung (EU) 2015/1186
 Fiche de produit conformément au règlement (EU) 2015/1186

Producent Hersteller Fabricant	Westfire ApS
Model Modell Modèle	Westfire 35
Energy Efficiency Class Energieeffizienzklasse Classe d'efficacité énergétique	A
Nominal Heat Output to Room Wärmeleistung Puissance thermique	4.6 kW
Nominal Heat Output to Water Indirekte Wärmeabgabe Production de chaleur indirecte	0 kW
Seasonal Space Efficiency (EEI) Energieeffizienz –Index (EEI) l'efficacité énergétique Index (EEI)	104
Net Efficiency Wirkungsgrad bei Nennheizleistung Rendement à puissance nominale	78%
Specificprecautionswhen installed or maintained	See the Instructions manual

WESTFIRE

WESTFIRE 2020 | WF35



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UK: INSTALLATION MANUAL AND OPERATING INSTRUCTIONS WF35/UNIQ35, UNIQ35 inset

This manual refers to the stove types listed above, which have been tested in accordance with EN13240.

Please read this manual carefully in order to ensure that you get maximum enjoyment from your new stove and to prevent any problems. Please note that "all local regulations, including those referring to national and European Standards, need to be complied with when installing this appliance".

For further information on installing and using fireplaces and multi-fuel stoves, please see the relevant building regulations that apply to the country in which WESTFIREUNIQ 35 has been approved.

These instructions cover the basic principles to ensure the satisfactory installation of the WESTFIREUNIQ35 stove, although detail may need slight modification to suit particular local site conditions. In all cases the installation must comply with current Building Regulations, Local Authority Byelaws and other specifications or regulations as they affect the installation of the stove. It should be noted that the Building Regulations requirements may be met by adopting the relevant recommendations given in British Standards BSEB 8303, BSEN 15287 design, installation and commissioning of chimneys as an alternative means to achieve an equivalent level of performance to that obtained following the guidance given in Approved Document J.

HEALTH AND SAFETY PRECAUTIONS

Special care must be taken when installing the stove such that the requirements of the Health and Safety at Work Act are met.

Handling

Adequate facilities must be available for loading, unloading and site handling.

Fire Cement

Some types of fire cement are caustic and should not be allowed to come into contact with the skin. In case of contact wash immediately with plenty of water.

Asbestos

This stove contains no asbestos. If there is a possibility of disturbing any asbestos in the course of installation then please seek specialist guidance and use appropriate protective equipment.

CO Alarms

Building regulations require that whenever a new or replacement fixed solid fuel or wood/ biomass appliance is installed in a dwelling a carbon monoxide alarm must be fitted in the same room as the appliance. Further guidance on the installation of the carbon monoxide alarm is available in BSEN 50292:2002 and from the alarm manufacturer's instructions. Provision of an alarm must not be considered a substitute for either installing the appliance correctly or ensuring regular servicing and maintenance of the appliance and chimney system.

Metal Parts

When installing or servicing this stove care should be taken to avoid the possibility of personal injury.

Stove paint Aerosols

Paint aerosols are flammable and therefore dangerous to use around a lit stove. Be sure to allow aerosol spray paints to dry and ventilate the room well before lighting the stove. The use of any aerosol around lit stove is dangerous and care must be taken in handling aerosols.

WESTFIRE UNIQ 35

Model choice	UNIQ 35 Standard	UNIQ 35 PEDESTAL	UNIQ 35 Inset	
	50mm base	400mm pedestal	3 sided frame	4 sided frame
Closed combustion	Yes	Yes	Yes	Yes

STOVE PERFORMANCE & TESTING

Westfire Uniq 35 models have been approved in accordance with EN 13240.

Stove model	Efficiency	Weight	Nominal heat output		CO@ 13% O ₂
	Wood/coal		Wood	Smokeless fuels	Wood/coal
UNIQ 35 standard	78%/ 76%	80kg	4.6 KW	3.7 KW	.12/.17
UNIQ 35 pedestal	78%/ 76%	110kg	4.6 KW	3.7 KW	.12/.17

PREPARATORY WORK AND SAFETY CHECKS – IMPORTANT WARNING IMPORTANT WARNING

This stove must not be installed into a chimney that serves any other heating appliance.

There must not be an extractor fan fitted in the same room as the stove as this can cause the stove to emit fumes into the room.

Chimney – Chimney Connection Flue Diameter 125mm

In order for the stove to perform satisfactorily the chimney height must be sufficient to ensure an adequate draught so as to clear the products of combustion and prevent smoke problems into the room.

	Flue gas flow rate wood /coal	Test flue gas temperature wood /coal	@ pascals of pressure
UNIQ 35	4.6/ 4.7g/sec	259/ 240c	12

NOTE: A chimney height of not less than 4.5 metres measured vertically from the outlet of the stove to the top of the chimney should be satisfactory. Alternatively the calculation procedure given in BS5854:1980 may be used as the basis for deciding whether a particular chimney design will provide sufficient draught.

The outlet from the chimney should be above the roof of the building in accordance with the provisions of Building Regulations Approved Document J.

If installation is into an existing chimney then it must be sound and have no cracks or other faults which might allow fumes into the house. Older properties, especially, may have chimney faults or the cross section may be too large i.e. more than 160 mm x 160 mm. Remedial action should be taken, if required, seeking expert advice. If it is found necessary to line the chimney then a flue liner suitable for solid fuel must be used in accordance with Building Regulations Approved Document J.

Any existing chimney must be clear of obstruction and have been swept clean immediately before installation of the stove. If the stove is fitted in place of an open fire then the chimney should be swept one month after installation to clear any soot falls which may have occurred due to the difference in combustion between the stove and the open fire.

If there is no existing chimney then either a prefabricated block chimney in accordance with Building Regulations Approved Document J or a twin walled insulated stainless steel flue to BS4543 can be used. These chimneys must be fitted in accordance with the manufacturer's instructions and Building Regulations.

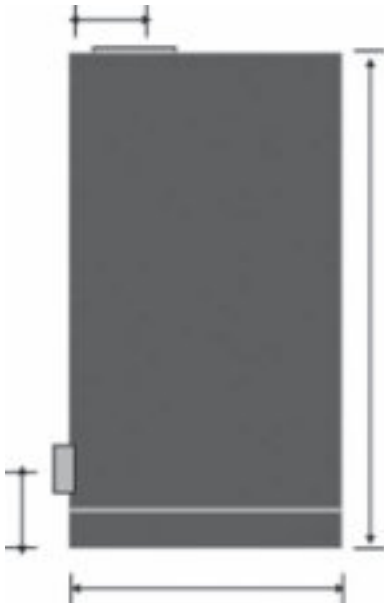
A single wall metal fluepipe is suitable for connecting the stove to the chimney but is not suitable for using for the complete chimney. The chimney and connecting fluepipe must have a minimum diameter of 125 mm and its dimension should be not less than the size of the outlet socket of the stove. Any bend in the chimney or connecting fluepipe should not exceed 45°. 90° bends should not be used.

If it is found that there is excessive draught in the chimney then either an adjustable flue damper or alternatively a draught stabiliser should be fitted. The adjustable flue damper should not close off the flue entirely but should in its closed position leave a minimum continuous opening free area of at least 20 % of the total cross sectional area of the flue or fluepipe.

Adequate provision e.g. easily accessible soot door or doors must be provided for sweeping the chimney and connecting flue pipe.

WF UNIQ 35 Dimensions

	UNIQ 35 Standard	UNIQ 35 PEDESTAL	UNIQ 35 INSET		
			Stove	Frame 4 sided	Frame 3 sided
Height	590mm	985mm	555mm	625mm	590mm
Width	390mm	390mm	390mm	480mm	480mm
Depth	350mm	350mm	345mm		
Closed combustion as std	Yes	Yes	Yes		



Distance to Combustible materials

Combustible materials should not be located where the heat dissipating through the walls of fireplaces or flues could ignite it. Therefore when installing the stove in the presence of combustible materials due account must be taken of the guidance on the separation of combustible material given in Building Regulations Approved Document J and also in these stove instructions.

WESTFIRE	WF UNIQ 35
Distance to combustible materials rear	200mm
Distance to combustible materials side	200mm

The minimum distances to flammable materials are specified on the EN 13240 plate on the back of the stove.

Hearth

The hearth should be able to accommodate the weight of the stove and its chimney if the chimney is not independently supported.

The WESTFIREUNI35 stove has been tested and are suitable to be installed on a 12mm non-combustible plate such as Westfire 12mm glass plates or 20mm slate plates. Installation of all hearths should comply in size and construction so that it is in accordance with the provisions of the current Building Regulations Approved Document J. The clearance distances to combustible material beneath, surrounding or upon the hearth and walls adjacent to the hearth should comply with the guidance on the separation of combustible material given in Building Regulations Approved Document J and also in these stove instructions.

If the stove is to be installed on a wooden floor, it must be covered with a non-combustible material at least 12mm thick, in accordance with Building Regulations Approved Document J, to a distance of 30 cm in front of the stove and 15 cm to each side measuring from the door of the combustion chamber.

Combustion air supply

In order for the stove to perform efficiently and safely there should be an adequate air supply into the room in which the stove is installed to provide combustion air. This is particularly necessary if the room is double-glazed or a flue draught stabiliser is operating in the same room as the appliance. The provision of air supply to the stove must be in accordance with current Building Regulations Approved Document J. An opening window is not appropriate for this purpose. Air inlets must be positioned in such a way that they cannot be blocked. An air inlet may be a vent (the vent must be open and the capacity of the vent sufficient when the stove is lit) or a fresh air system linked to the stove.

The WESTFIREUNI35 are fitted as standard with a closed air supply collar, this enables the stove to take all combustion air (primary, secondary and tertiary) directly from outside with 80mm pipe from the stove.

There are no European rules regarding the minimum distance to non-flammable walls, Westfire recommend leaving a gap of at least 10 cm behind and to sides of stove.

FLUE AND AIR INTAKE POSITIONS

	UNI35 Standard	UNI35 Pedestal	UNI35 inset
Distance from front to centre of top flue exit	n/a	n/a	335mm
Distance from rear to centre of top flue exit	120mm	120mm	n/a
Distance from floor to centre of external air intake	115mm	505mm	65mm

Westfire Insulated chambers

The WESTFIREUNI35 stove is lined with vermiculite heat deflection panels and baffles, these panels are designed to ensure the maximum efficiency and are an integral part of the clean burn process of the stove. These baffles should not be removed other than for cleaning the stove. Any panels showing significant wear should be replaced.

Connection to chimney

The WESTFIREUNI35 stoves are factory set up with a top flue outlet only; the flue outlet can be altered on the inset model by removing the collar and rotating 180 degrees and re bolting. This will give a collar which is now at a 45 degree angle. Care should be taken to ensure an airtight fit when refitting collar. This collar allows connection to either a stainless steel chimney liner or a prefabricated factory made insulated metal chimney. Westfire DO NOT recommend installation of this appliance directly into a masonry chimney.

Commissioning and handover

On completion of the installation allow a suitable period of time for any fire cement and mortar to dry out, a small fire may be lit to check that smoke and fumes are taken from the stove up the chimney and emitted safely into the atmosphere. Do not run at full output for at least 24 hours.

On completion of the installation and commissioning ensure that the operating instructions for the stove are left with the customer. Ensure to advise the customer on the correct use of the appliance with the fuels likely to be used on the stove and notify them to use only the recommended fuels for the stove. Advise the user what to do should smoke or fumes be emitted from the stove. The customer should be warned to use a fireguard to BS6539 in the presence of children, aged and/or infirm persons.

OPERATION & MAINTENANCE OF YOUR APPLIANCE

Congratulations on your purchase of your new Uniq 35 new multi-fuel stove from Westfire ApS. The Westfire UNI35 is constructed in steel with a vermiculite insulated chamber.

Please read this manual carefully in order to ensure that you get maximum enjoyment from your new stove and to prevent any problems. Please note that "all local regulations, including those referring to national and European Standards, need to be complied with when installing this appliance".

Warning

COAlarm: Your installer should have fitted a COalarm in the same room as the appliance. If the alarm sounds unexpectedly, follow the instructions given under "Warning Note" above. Use a fireguard in the presence of children, and old and/or infirm people. The fireguard should be manufactured in accordance with BS8423:2002, Fireguards for use with solid fuel appliances.

OPERATING YOUR STOVE- WESTFIRE UNIQ 35 – CONTROLS

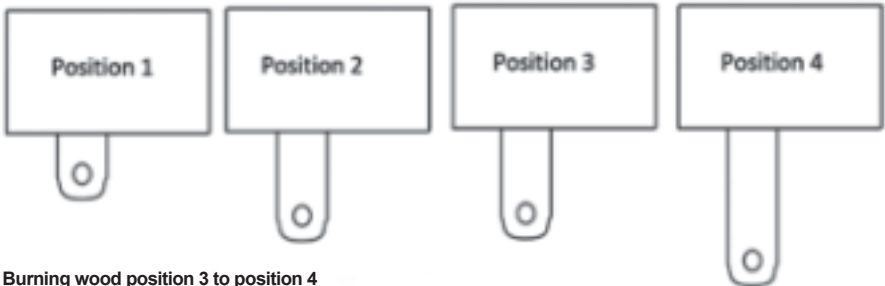


Primary air control / Primary Coal Control

Position 1 min	Position 3 min
Position 2 max	Position 4 max

PRIMARY AIR CONTROL SETTINGS Burning wood position 1 to position 2

When burning wood use primary air control from position 1 (fully pushed in) to position 2 (when controls stops midway). Do not move beyond this position for wood burning.



Burning wood position 3 to position 4

When burning coal the primary air control drops to position 3 (midpoint location) operate and regulate your stove between position 3 and 4 (fully pulled out).

The first lighting of your stove

The heat-resistant paint on your stove will cure and harden the first time you light your appliance. The curing process produces a good deal of smoke and odour, it is therefore important that the first time you light your stove the room should be well ventilated. During the process it is important to open and close the stove door periodically (every 30mins) during the first couple of firings therefore preventing the door seal cord around the door from sticking and coming away from the door. Once the heat-resistant paint has hardened the smell will disappear. This stove is NOT designed to be used with the door open, the stove door must be kept closed except when lighting the stove, adding firewood or removing ash in order to prevent flue gases from escaping. Door not operate appliance with ash pan removed or open.

Lighting your appliance

Quality Firelighters should be used when lighting the stove. (Never use mentholated spirit, petrol or other flammable liquids). Lighting your stove with firelighters will be more reliable and easier than using paper.

UNIQ 35 RELOAD WEIGHTS

	1 HR RELOAD	2 HOUR RELOAD
WOOD (HARDWOOD LOGS)	1.2kg	1,2kg
SMOKELESS COAL BRIQUETTES (REGISTERED ONLY)	N/A	1.1kg

To light your stove Wood

- Place a few smaller pieces of dry wood (kindling) in the stove on top of the nontoxic firelighters, place one or two small dry split (¼ split) logs on top.
- Fully open the secondary air control above the stove door on right hand side. Fully open primary air control at base left of stove. The Uniq 35 stoves air controls are now fully open.
- Light the firelighters and push door to closed position and close handle to 1st position; this will allow a small gap in the door for more air to be supplied to stove during ignition period.
- When the flames are established and the fire is burning brightly push the door latch to position 2 fully closed.
- Once fire is burning brightly again close the primary air control. This will close off the primary air to the stove. If the stove begins to falter after the primary is closed, open primary control again and leave until fire has established, then close.
- The fire should now be fully established and burning brightly. At this stage close secondary air control by 50%, this is the operational setting. For the stove to burn cleanly and efficiently plenty of secondary air is needed, do not be tempted to shut the fire down too early as this may cause smoke. At nominal heat output, expect to refuel your stove once an hour.

The WESTFIREUNIQ35 stove is equipped with a manual regulating control for secondary air; this is designed to ensure a plentiful supply of oxygen during firing. It is important therefore to not fully close the secondary air control.

When lit, the stove will get very hot and due care must therefore be exercised. Please use a glove and operating tool supplied when operating air controls and riddler.

RE-FUELING wood

To re-fuel your stove in the cleanest way.

Only refuel your stove when flames have died down and you have glowing embers.

Before refuelling, open secondary air control fully, open primary air control fully. Open door, add two pieces of split wood measuring approximately 20cm with a combined weight of 1.15kg. Close the door and leave the primary and secondary air controls open until fire is re-established with flames. Close primary air control and slide secondary air control to the operational position (40% open).

BURNING WOOD IN A SMOKE CONTROL AREA

You must purchase a smoke control version of the Westfire Uniq 35 stove which is modified slightly to comply with regulations. Any change to this modification will invalidate the stoves compliance for smoke control areas.

The Clean Air Act 1993 and Smoke Control Areas

Under the Clean Air Act local authorities may declare the whole or part of the district of the authority to be a smoke control area. It is an offence to emit smoke from a chimney of a building, from a furnace or from any fixed boiler if located in a designated smoke control area. It is also an offence to acquire an "unauthorised fuel" for use within a smoke control area unless it is used in an "exempt" appliance ("exempted" from the controls which generally apply in the smoke control area).

The Secretary of State for Environment, Food and Rural Affairs has powers under the Act to authorise smokeless fuels or exempt appliances for use in smoke control areas in England. In Scotland and Wales this power rests with Ministers in the devolved administrations for those countries. Separate legislation, the Clean Air (Northern Ireland) Order 1981, applies in Northern Ireland. Therefore it is a requirement that fuels burnt or obtained for use in smoke control areas have been "authorised" in Regulations and that appliances used to burn solid fuel in those areas (other than "authorised" fuels) have been exempted by an Order made and signed by the Secretary of State or Minister in the devolved administrations.

Further information on the requirements of the Clean Air Act can be found here: <http://smokecontrol.defra.gov.uk/> Your local authority is responsible for implementing the Clean Air Act 1993 including designation and supervision of smoke control areas and you can contact them for details of Clean Air Act requirements

Using your stove in a smoke control zone.

Only specific SEmodels are suitable for smoke control areas (see page 4), alterations should not be attempted. Westfire smoke control stoves should not be burnt with the door left open.

The refuelling procedure: allow the newly charged fuel to burn with the secondary air control set at maximum for up 3 to 4 minutes. After this period, with flames from the logs fully established, close the secondary air supply to the low output setting. When operating at high output (secondary air set fully open) the new refuel charge does not require any boost air to establish combustion.

Refuelling on to a low fire bed

If there is insufficient burning material in the firebed to light a new fuel charge, excessive smoke emission can occur. Refuelling must be carried out onto a sufficient quantity of glowing embers and ash that the new fuel charge will ignite in a reasonable period. If there are too few embers in the fire bed, add suitable kindling to prevent excessive smoke.

To light your stove Smokeless Coal

1. Place a few smaller pieces of dry wood (kindling) in the stove on top of the nontoxic firelighters, place one or two small dry split and small quantity of Smokeless coal.
2. Fully open the secondary air control above the stove door on right hand side. Fully open primary air control at base left of stove. Pull open coal switch. The Uniq 35 stoves air controls are now fully open.
3. Light the firelighters and push door to closed position and close handle to 1st position; this will allow a small gap in the door for more air to be supplied to stove during ignition period.
4. When the flames are established and the fire is burning brightly load 1.1 kg of smokeless coal and close door latch to position 2 fully closed.
5. Once the fire is burning maintain the secondary air control 100%.

6. Now the fully established fire bed is burning brightly. Maintain primary air control at 100%, this is the operational setting. For the stove to burn cleanly and efficiently primary air is needed, do not be tempted to shut the fire down too early as this may cause smoke. At nominal heat output, expect to refuel your stove once every two hours.

When lit, the stove will get very hot and due care must therefore be exercised. Please use a glove and operating tool supplied when operating air controls.

RE-FUELING Smokeless fuel

To re-fuel your stove. Only refuel your stove when flames have died down and you have glowing embers. Before refuelling open secondary air control fully, open primary air control fully. Open door and re load 1.1 kg of smokeless coal. Close the door and leave the primary and secondary air controls open until fire is re-established. Maintain secondary air control at 100% and maintain primary air control to it operational position (100% open).

Operational Position of air controls during operation and in adverse conditions

You need to become familiar with your stove in order to be able to regulate the air controls correctly, as outside factors such as the quality and height of your chimney, the quality of your fuel and the external weather conditions can alter the stoves operational settings and performance.

Very damp weather can affect the draw of the stove and therefor more secondary air may be needed to adjust. Very still cold clear days induce more draught and the setting for secondary air may be less than nominal settings. Such accommodations will become normal once you are familiar with your stove.

It is easy to see whether the stove is functioning correctly; incomplete combustion will be shown by

- 1) The inside of the fire chamber firebricks having a black dusty build up,
- 2) A build-up of hard shiny soot on the inside of the glass
- 3) Smoking chimney.

To prevent sooting of the chamber and glass introduce more secondary air, also check that your wood is dry.

It is important to check the draft conditions before lighting your stove. This may be done, for instance, by crumpling a piece of newspaper, placing it in the combustion chamber and lighting it. The draft conditions are good if the smoke is drawn away through the chimney.

Door operation

When opening the door of your Westfire stove always wear the glove that is provided to protect your hand from possible heat. The handle pulls out away from the door. When shutting the door push the door closed and push handle firmly to the second closed position. The WFUNI35 door handle has two positions position 1 holds the door slightly ajar for starting, and position 2 is fully closed.

Recommended Fuels

Good quality wood is the most important factor in your stove working efficiently and cleanly. Always use dry split firewood. The dryness of the firewood plays an important role since the use of wet wood results in poor fuel economy and may cause a tarry sooty film on the internals of the stove.

The Westfire UNI35 is tested to burn wood and smokeless coal. Wood briquettes can also be burnt but load weight should be strictly adhered to. For a full list of suitable fuels, check with the official solid fuels approvals body, HETAS or Solid Fuel Association. Do not overload stove as this can cause excessive heat and damage the stove. ALWAYS KEEP FUEL LOAD BELOW TERTIARY PORTS AT REAR OF STOVE.

Only use fuels approved for use on heating stoves.

Do not burn liquid fuels, drift wood, finished wood, sawn wood, pallet wood, chipboard/plywood, varnished wood or plastic coated wood, wood treated with preservatives, or house hold waste.

DO NOT EXCEED SPECIFIED FUEL WEIGHTS.

DO NOT BURN HOUSE COAL. DO NOT BURN HOUSEHOLD WASTE; THIS APPLIANCE IS NOT AN INCINERATOR. HOUSE COAL AND PETROLEUM COKE ARE NOT SUITABLE FOR USE ON THIS STOVE; IT'S USE WILL INVALIDATE THE



GUARANTEE WESTFIRE RECOMMEND THE USE OF A FLUE THERMOSTAT TO CHECK YOUR STOVE IS NOT OVERHEAT- ING. PLACE FLUE THERMOSTAT DIRECTLY ABOVE COLLAR OF STOVE AND REFER TO TEMPERATURE GAUGE IN THIS MANUAL.

Overnight burning

Westfire UNIQ35 is designed to burn wood and quality smokeless fuels.

Wood burns more efficiently and cleanly if is burnt hotter and reloaded regularly. Running you stove with combustion air closed is inefficient and bad for the environment. Westfire do not recommend that their stoves are burnt overnight for this reason.

Use of operating tools

Always use the operating tools provided when handling parts likely to be hot when the stove is in use.

The Westfire Uniq 35 has:

1. Heat resistant glove
2. Adjustment tool
3. Instruction manual

Maintenance – regular maintenance

Maintenance is an important factor in maintaining the efficient operation of your stove. Please carry out the following actions regularly.

1. Remove ash regularly, do not allow ash to build up and flow over ash pan. This can interfere with air controls. Make sure the stove is completely cold before cleaning out ash (embers can remain hot for over 24 hours). Ash must be stored in a non-combustible container and must not be mixed with other combustible waste.
2. Check vermiculite panels, these panels can crack, this will not affect performance unless the crack grows and brick break down.
3. Clean glass regularly, do not allow build-up of deposits, regular condensation and acid deposits from combustion cause ceramic glass to whiten and crack. Do not slumber smokeless coal or wood. Clean glass with a lint free cloth and hot soapy water; do not use an aggressive cleaner. If you have persistent stubborn marks please use a ceramic glass cleaner. Thoroughly dry the glass after cleaning
4. Clean the outside of your stove with a dry lint free cloth.
5. Check seals for sign of fraying.

Annual service

The inside of the stove should be serviced /cleaned once or twice a year depending on amount of use. Your local supplier will be able carry out a full service on your appliance. The following steps should taken

1. Clean the inside, remove all ash, soot and tar residue from the combustion chamber. Remove insulated chamber panels and baffle, dirt and soot will collect behind it and this must be cleaned out.
2. Check the quality of all insulated panels and replace any which are badly damaged,
3. Replace stove rope seals
4. Check glass is correctly seated and glass seals are in good condition.
5. Check air controls
6. Check flue ways: the flue pipe connection and the chimney should be checked regularly by a qualified engineer. The chimney should also be checked for blockages before relighting the stove if it has not been used for an extended period of time.
7. The paint/ lacquer can wear thin in exposed places due to overheating. This, and other lacquer damage, may be repaired using a Westfire Senotherm paint/ lacquer spray available from your Westfire dealer.

8. If appliance is to be dormant for several months (summer) leave open all air controls to allow a flow of air and thus reducing probably of corrosion.

Chimney cleaning

1. The chimney should be swept at least once a year for smokeless fuels and a minimum of twice a year for wood and other fuels. It is important that the flue connection and chimney are swept prior to lighting up after a prolonged shutdown period.
2. If the stove is fitted in place of an open fire then the chimney should be swept one month after installation to clear any soot falls which may have occurred due to the difference in combustion between the stove and the open fire.
3. In situations where it is not possible to sweep through the stove the installer will have provided alternative means, such as a soot door. After sweeping the chimney the stove flue outlet and the flue pipe connecting the stove to the chimney must be cleaned with a flue brush.

Aerosols

Aerosols are flammable and therefore dangerous to use around a lit stove. Do not use aerosols sprays near your lit stove. The use of any aerosol is dangerous and care must be taken in handling aerosols.

Warning Note

Properly installed, operated and maintained this stove will not emit fumes into the dwelling. Occasional fumes from de ashing and re fuelling may occur. However, persistent fume emission is potentially dangerous and must not be tolerated. If fume emission does persist, then the following immediate action should be taken:

- (a) Open doors and windows to ventilate the room and then leave the premises.
- (b) Let the fire go out.
- (c) Check for flue or chimney blockage and clean if required
- (d) Do not attempt to relight the fire until the cause of the fume emission has been identified and corrected. If necessary seek expert advice.

The most common cause of fume emission is flue way or chimney blockage. For your own safety these must be kept clean at all times.

CO Alarm

Your installer should have fitted a COalarm in the same room as the appliance. If the alarm sounds unexpectedly, follow the instructions given under "Warning Note" above.

Use of fireguard

When using the stove in situations where children, aged and/or infirm persons are present a fireguard must be used to prevent accidental contact with the stove. The fireguard should be manufactured in accordance with BS 8423:2002,

Chimney Fires

If the chimney is thoroughly and regularly swept, chimney fires should not occur. However, if a chimney fire does occur turn the air controls on your stove to minimum, and tightly close the door of the stove. Call the fire department. Closing the air should cause the chimney fire to go out but do not open the fire door or controls until the fire confirmed to be exhausted. The chimney and flue ways should then be inspected and cleaned by a professional chimney engineer before and further use.

Permanent air vent

The stove requires a permanent air vent to the room or a direct connection to the closed air port at the rear of the stove. This is to provide adequate air supply in order for the stove to operate safely and efficiently.

In accordance with current Building Regulations the installer may have fitted a permanent air supply vent into the room in which the stove is installed to provide combustion air. This air vent should not under any circumstances be shut off or sealed.

UK

Trouble shooting

1. Fire Will Not Burn – check

- a) the air inlet is not obstructed in any way,
- b) that chimneys and flueways are clear,
- c) that a suitable fuel is being used,
- d) that there is an adequate air supply into the room,
- e) that an extractor fan is not fitted in the same room as the fire.

2. Fire Blazing out of control – check

- a) if the door are tightly closed,
- b) the air control is turned down to the minimum setting,
- c) the air controls are closed and that it is not prevented from closing completely by a piece of ash,
- d) a suitable fuel is being used, do not burn waste wood
- e) the door seals are in good condition
- f) if the chimney draft may be too strong
- g) check ash pan seal and
- h) check for ash below ash pan causing pan to not seat correctly and clean out.

3) Soot forms on the window

- a) The firewood may be too wet
- b) the intake of secondary air may be insufficient
- c) fire not hot enough

4) The stove fails to heat fully

- a) The firewood may be too wet
- b) the intake of secondary air may be insufficient

5) Smoke or odour

- a) Weak chimney draft
- b) check for blockages in the flue pipe/chimney
- c) check the height of the chimney in relation to the surroundings

6) Soot in the chimney

- a) The firewood may be too wet
- b) intake of secondary air may be insufficient

IMPORTANT NOTES General

Before lighting the stove check with the installer that the installation work and commissioning checks described in the installation instructions have been carried out correctly and that the chimney has been swept clean, is sound and free from any obstructions. As part of the stoves' commissioning and handover the installer should have shown you how to operate the stove correctly.

Guarantee

Every Westfire stove is designed and built with great care and with the finest materials. Ensuring quality control is an integral part of the production process.

Westfire stoves have a 5-year guarantee against material faults and other manufacturing defects in line with the following warranty terms. Your receipt documents is the date of purchase The warranty will only apply if we have received from you the duly completed registration card within 2 weeks of purchase.

Your stove must have been purchased from an authorised Westfire Stoves dealer whose name must be shown on the registration card.

Your stove must have been installed and serviced within 12 months of installation by a HETAS or equivalent registered engineer. This warranty covers replacement or repair of the parts found to be defective, but does not cover the labour or carriage charges. Westfire Stoves reserve the right to inspect any component prior to replacement. Westfire stoves reserve the right to refuse to provide replacement parts in the event that the registration card has not been completed and returned.

Please note that this is not transferable and is extended only to, and is solely for, the benefit of the original purchaser of the stove and will therefore only apply when the dated sales receipt as proof of purchase is produced to Westfire Stoves.

WHAT IS NOT COVERED:

The warranty does not cover:

1. Consumable service parts being repair or replacement of parts, which are subject to normal wear and tear during the warranty period or parts that require replacement in connection with normal maintenance. Such parts include but are not limited to baffles, fire bars, grate assemblies, firebricks, glass, and glass assemblies, ash trays, and sealing materials such as sealing rope. Consumable parts will require periodic replacement.
2. Senotherm painted surfaces.
3. Damage resulting from installation and usage other than as described in Westfire stoves' installation and operation instructions, or if the installation does not conform to local building and fire and safety regulations.
4. Defects or faults caused by local conditions such as draught problems and chimney defects.
5. Damage resulting from over firing the appliance - over firing can be identified by warped plates and areas where the paint pigment has been burned off or by chipping, cracking, bubbling (as further described in the operation manual).
6. Damage caused by use of the wrong type of fuel.
7. Damage caused by modifications or repair other than as expressly authorised by Westfire Stoves or by the user or any other party other than Westfire stoves.
8. Damage made while the stove is in transit. (Any appliance so damaged must not be installed or operated as this may damage any claim you may have against the carrier/authorised dealer). Please contact the authorised Westfire stove's dealer from whom you bought the stove.
9. Damage arising where the stove has been used for commercial, business or resale purposes nor shall we have any liability to you for any loss of profit, loss of business, business interruption, or loss of business opportunity.
10. Parts of products for which any manufacturer other than Westfire stoves provides warranties.
11. Removal and re-installation cost.

Products repaired or replaced under the warranty are covered only for the remainder of the original warranty period.

Any claim under this warranty must in the first instance be submitted to the authorised dealer from whom the stove was purchased. If such dealer has ceased trading or is no longer an authorised dealer please write to Westfire Stoves, indicating the model number, size and serial number, the place, price and date the stove was purchased (including the original sales receipt) the date it was installed and any other information which Westfire Stoves may reasonably require.

The warranty does not affect your statutory rights and in particular Westfire Stoves does not seek to limit liability for death or personal injury caused by Westfire Stove's negligence or the negligence of its employees, agents or subcontractors. Westfire Stoves will not in any circumstances (whether under the warranty or otherwise) be responsible for loss or damage you suffer that is not a foreseeable result of its breach of this warranty).

RE-INSTALLING BRICK SET



1. Ensure base grate is in position

2. Place rear brick to back of stove (holes uppermost)

3. Fit side brick close to door (slide under location point at top of top)

4. Fit second side brick (between rear brick and front side brick)



5. Fit top turbulence baffle by securing baffle plate under at front and inserting pin at rear.



6. Fit baffle by placing on top of rear brick and securing with 2 steel pins into the side bricks.

SPARE PARTS

WFUNIQ 35 parts listing for most commonly used parts.

SERIES ONE

DESCRIPTION	CODE	COMMENTS
Brick set	WF35brickset	Consisting of 2x side bricks, 1x rear brick, 1x lower baffle brick, 1 x upper baffle brick
Base Grate	WFONEBASEGRATE	
Ashpan	WF35ASHPAN	
Door		
Door Rope Seal	WF35DRS	
Door Glass	WF35GLASS	
Tool	WF ONETWO TOOL	
Glove	WFglove	



TEKNOLOGISK INSTITUT

Akkrediteret prøvningsorgan, DANAK-akkreditering nr. 300
 Notificeret prøvningsorgan med ID-nr. 1235

Prøvningsattest III

Uddrag af rapport nr. 300-ELAB-2436-EN

Emne: Brændeovn; Westfire WF 35

Rekvirent: Westfire ApS
 Tømmervej 3, DK-6800 Vardø

Procedure:	<input checked="" type="checkbox"/> Prøvning efter DS/EN13240/A2:2004
	<input type="checkbox"/> Prøvning efter NS3058-1 & -2 (partikelmåling)
	<input checked="" type="checkbox"/> Emissionsmåling af støv og OGC

Prøvningsresultater

Akkrediteret prøvning af brændeovn iht. EN 13240 er foretaget med brænde der påfyres manuelt, og følgende resultater blev opnået:

Nominal ydelse:	4,6 kW
CO-emission:	0.107 % - henført til 13 % O ₂
Virkningsgrad:	78 %
Røggastemperatur:	259 °C
Afstand til bogvæg:	- se opstillingsvejledning
Afstand til sidevæg:	- se opstillingsvejledning

Emissioner iht. NS 3058 og/eller CEN/TS 15883:

Partikler efter NS 3058:	- g/kg (tørstof) middelværdi (krav: ≤4)
Partikler efter NS 3058:	- g/kg (tørstof) maksimalt (krav: ≤8)
OGC efter CEN/TS 15883:	98 mgC/Nm ³ ved 13% O ₂ (krav: ≤120)
Støv efter DS/EN 16510-1:2018	19 mg/Nm ³ ved 13% O ₂ (krav: ≤30)

Bemærk venligst, at de oplyste værdier er et uddrag af prøvningsrapporten.
 For yderligere oplysninger henvises til prøvningsrapporten, se nummer ovenfor.

Aarhus, den 22. november 2019  Kim Sig Andersen Konsulent	Skorstensfejerpåtegning
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På baggrund af ovennævnte emissioner attesteres det hermed, at fyringsanlægget opfylder emissionskravene i bilag 1 til Bekendtgørelse nr. 49 af 16/01-2018 om regulering af luftforurening fra fyringsanlæg til fast brændsel under 1 MW.

Westfire 2436 WF 35.dwg

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