



WF26 WF27 WF28

UK: INSTALLATION MANUAL AND OPERATING INSTRUCTIONS

WESTFIRE

DANSK INGENIØRKUNST

WF26 WF27 WF28

DATABLAD / PRODUCT SHEET / PRODUKTDATENBLATT / FICHE PRODUCT

Datablad iht. Reglement (EU) 2015/1186

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

| | |
|---|---|
| Fabrikat Producent Hersteller Fabricant | Westfire ApS |
| Model Model Modell Modèle | Westfire 26 Westfire 27 Westfire 28 |
| Energi effektivitets klasse Energy Efficiency Class Energieeffizienzklasse Classe d'efficacité énergétique | A+ |
| Varmeydelse Nominal Heat Output to Room Wärmeleistung Puissance thermique | 5.0 kW |
| Indirekte varmeydelse Nominal Heat Output to Water Indirekte Wärmeabgabe Production de chaleur indirecte | 0 kW |
| Energieeffektivitetsindeks (EEI) Seasonal Space Efficiency (EEI) Energieeffizienz -Index (EEI) l'efficacité énergétique Index (EEI) | 107 |
| Virkningsgrad v/norminel varmeydelse Net Efficiency Wirkungsgrad bei Nennheizleistung Rendement à puissance nominale | 80% |
| Særlige forholdsregler ved installation eller vedligeholdelse Specific precautions when installed or maintained Besondere Vorsichtsmaßnahmen bei der Installation oder Wartung Précautions spécifiques lors de l'installation ou de la maintenance | Se brugsvejledning See the Instructions manual Siehe Bedienungsanleitung Voir le manuel d'instructions |

WESTFIRE

WESTFIRE2020 | WF26 WF27 WF28



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UK: INSTALLATION MANUAL AND OPERATING INSTRUCTIONS

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WESTFIRE WF UNIQ26/ WF UNIQ27/ WF UNIQ28

This manual refers to the stove type listed above, which has been tested in accordance with EN 13240. Congratulations on your purchase of a new wood burning stove from Westfire ApS. 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 wood burning stoves, please see the relevant building regulations that applies to the country in which UNIQ26,27, 28 has been approved, as well as the relevant documents on the correct use of wood burning stoves available from your local stove supplier or your Chimney sweep.

These instructions cover the basic principles to ensure the satisfactory installation of the UNIQ26, 27, 28 wood 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 BS8303, BS6461 and BS7566 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.

Metal Parts

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

WESTFIRE UNIQ 26, 27, 28 WOODSTOVE

UNIQ 26, 27, 28 dimensions

| | UNIQ 26 | UNIQ 27 | UNIQ 28 |
|---------------------------------|---------|---------|---------|
| Height | 1000 mm | 1050 mm | 1350 mm |
| Width | 465 mm | 470 mm | 470 mm |
| Depth | 435 mm | 470 mm | 470 mm |
| Closed combustion option | yes | yes | yes |

STOVE PERFORMANCE & TESTING

Westfire UNIQ 26, 27 & 28 have been approved in accordance with EN 13240.

| Stove model | Weight | Nominal heat output | |
|-------------|--------|---------------------|-----------------|
| | | Wood | Smokeless fuels |
| UNIQ 26 | 105 kg | 5.0 KW | N/A |
| UNIQ 27 | 110 kg | 5.0 KW | N/A |
| UNIQ 28 | 120 kg | 5.0 KW | N/A |

PREPARATORY WORK AND SAFETY CHECKS

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 125 mm

IMPORTANT: Once the stove is unpacked and checked it is necessary to remove the central bar from the flue collar of the stove before installation. To remove unbolt collar remove bar and replace collar.

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.

Minimum draft: Westfire UNIQ26, 27, 28 stove has been tested with a draft of 12 Pa. Maximum draft 25 Pa.
Flue gas flow 4.4 g/sec.

Flue gas temperature 263°C. approximately 12 Pa.

NOTE: 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. Westfire Aps recommend the use of a solid fuel flue lining system for all installation into existing chimneys. All chimney systems must be used in accordance with Building Regulations Approved Document J.

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 BS1856-1. These chimneys must be fitted in accordance with the manufacturer's instructions and Building Regulations. A single wall metal flue pipe is suitable for connecting the stove to the chimney but is not suitable for using for the complete chimney. The connecting flue pipe 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. Registered smoke exempt models burning wood only can be installed on flue of 125mm throughout. Any bend in the chimney or connecting flue pipe should not exceed 45°. 90-degree bends should not be used other than within 150 mm of stove rear flue outlet.

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.

If it is found that there is excessive draught in the chimney, then either an adjustable flue damper or alternately 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 flue pipe. Adequate provision e.g. easily accessible soot door or doors must be provided for sweeping the chimney and connecting flue pipe.

Your appliance needs to be maintained routinely, the throat plate/baffle should be cleaned regularly (monthly). The flue pipe can be cleaned using a flexible brush. Only Use a dry cloth on external surfaces. Over time the glass may become dirty, clean with a damp cloth and polish off with damp cloth. If the stove has not been used for some time the flue should be checked for blockages before use. Do not modify the appliance; only use spares authorised by the manufacturer.

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.

| UNIQ 26,27,28 | |
|---|---------|
| Distance to combustible materials rear | 150 mm |
| Distance to combustible materials side | 350 mm |
| Distances to flammable materials/furnitures | 1000 mm |

Hearth

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

The Westfire UNIQ26, 27, 28 wood stove has been tested and is 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.

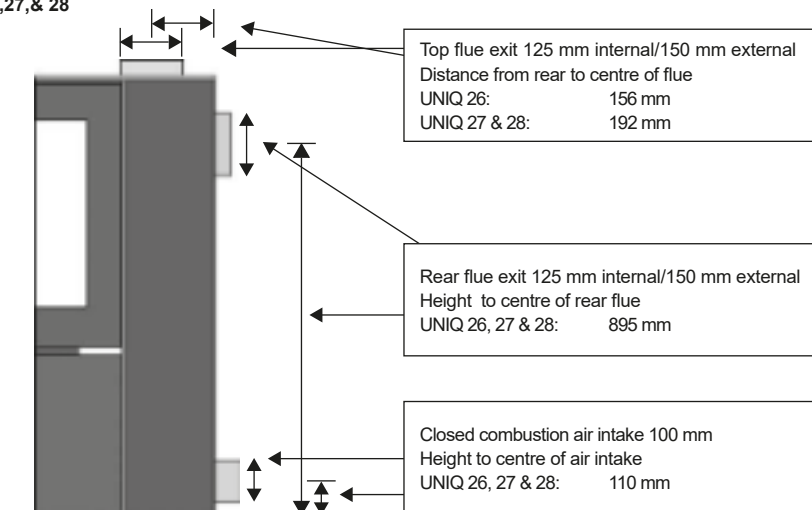
If the stove is to be installed on a wooden floor, it must be covered with a non-combustible material at least 12 mm thick, in accordance with Building Regulations Approved Document J, to a distance of 30 cm in front of the stove and 15 cm to each side measuring from the door of the combustion chamber.

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 Westfire UNIQ26, 27 & 28 are available with a closed air supply collar (additional item) this enables the stove to take combustion air directly from outside with a 100 mm 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.

UNIQ 26,27,& 28**Westfire Insulated chambers**

The Westfire UNIQ26, 27, 28 wood burning stove is lined with 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 apart from for cleaning the stove. Any defective panels should be replaced.

Connection to chimney

Westfire UNIQ26, 27, 28 wood stove has both rear and top flue connector that allows connection to either a masonry chimney or a prefabricated factory made insulated metal chimney in accordance with the instructions for "Connection to chimney" given in the instruction booklet.

Commissioning and handover

Ensure loose parts are fitted in accordance with the instructions, page 14. 'Vermiculite fire brick installation sequence' before handover. Operation of primary and secondary air controls must be fully explained.

On completion of the installation allow a suitable period of time for any fire cement and mortar to dry out, when a small fire may be lit and checked to ensure the smoke and fumes are taken from the stove up the chimney and emitted safely to 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 warn 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.

Operating your stove – UNIQ 26,27, 28**Initial lighting**

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 stove door must be kept closed except when lighting the stove, adding firewood or removing ash in order to prevent flue gas from escaping.

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 fire lighters will be more reliable and easier than paper.

To light your stove

1. Place a few smaller pieces of dry wood (kindling) in the stove on top of the non toxic firelighters.
 2. Fully pull open the air slider (secondary air) and the air slider on ash pan (Primary air) it maybe necessary pull the ash pan drawer open 1cm as well)
 3. Light the firelighters close the door.
 4. Once the fire has caught, add two pieces of wood measuring approx 20cm with a combined weight of approx 1.3kg and close the door.
 5. After approximately 1 minutes when the fire is burning brightly shut the air control on the ash pan.
 6. After approximately another 3 minutes close the secondary air slider by 55%, for the stove to burn cleanly 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 approximately once every 50 min.
- WF26, WF27 and WF28 are all equipped with a control valve for secondary air designed to ensure a plentiful supply of oxygen during firing. When lit, the stove will get very hot and due care must therefore be exercised. Please use a glove when operating levers and dampers.

RE-FUELING

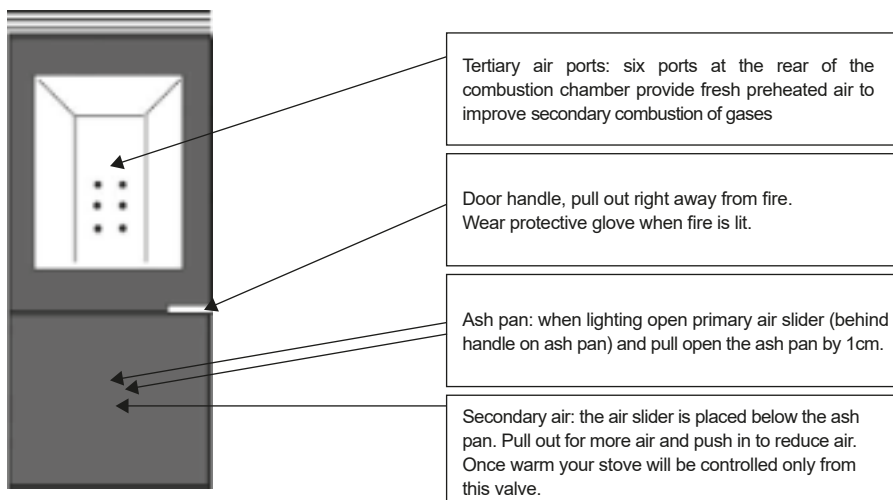
To re-fuel in the cleanest way. Before refuelling open secondary air slider fully, also open primary air slider fully (on ash pan) and leave for 5 minutes. Open door gently, add two pieces of wood measuring approx 20cm with a combined weight of approx 1.3kg and close the door. Leave the air sliders open for 10 minutes to allow the fire to reach a good temperature. Then close primary air slider (on ash pan) and slide secondary air value to 45% open.

In the event of a chimney fire: Close the air damper and the stove door, and call 999 or your local fire department.

If your stove is over heating close all dampers and door must be closed, and left until the stove has return to nominal temperatures'.

Basic Positions of air sliders during Operation

You will need to become familiar with your stove in order to be able to regulate the secondary air intake correctly, as factors such as the quality and height of your chimney, the quality of your fuel and the external conditions play a large role in your stove performance. It is easy to see whether the stove is functioning correctly; however incomplete combustion may lead to a build-up of hard, shiny soot on the inside of your stove and glass. To prevent sooting of the chamber and glass introduce 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.



CONTROLS on WESTFIRE UNIQ 26,27 & 28 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 right away from the fire. When shutting the door push the door closed and push the handle until the handle firmly closes.

WOOD FUEL

IMPORTANT: Never use toxic wood such as chipboard, impregnated or painted wood.

Good quality wood is the most important factor in your stove working efficiently and cleanly. Always use dry 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.

Newly cut wood contains 60–70% water, making it totally unsuitable for use as firewood.

Newly cut wood should be stacked and air dried under cover for two years before being used as firewood.

SOLID SMOKELESS FUELS – Westfire stoves are only CE/EN tested and approved for wood. It is possible, however, to use other types of fuel with due care. When using coal/smokeless fuel you must use a coal insert and a mix of 80% wood, 20% coal. Please note coal reduces the lifetime of the stove and the chimney considerably.

PETROLEUM COKE IS NOT SUITABLE FOR USE ON THIS STOVE; ITS USE WILL INVALIDATE THE GUARANTEE

Overnight burning

Westfire stoves are wood stoves, wood burns more efficiently and cleanly if it is burnt hotter. Westfire do not recommend that their stoves are burnt overnight for this reason.

As a night time regime we recommend that the fire is loaded when hot and burnt for five minutes with the secondary air valve fully open until the new wood has taken and is burning, then close the secondary air valve to its operational position.

On returning to the stove in the morning the fire will have burnt out, reload with some paper or firelighter and some kindling and open all the valves fully open and the stove will relight quickly. Beware as the ash bed will have hot embers.

Use of operating tools

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

Maintenance

Westfire UNIQ26,27, & 28 wood stove needs to have the ash removed from the stove at regular intervals. Make sure the stove is completely cold before cleaning out ash (embers can remain hot for over 24 hours).

To clean the outside of the stove use a dry cloth.

You must purchase a smoke control version of the Westfire stove which is modified slightly to comply with regulations. Any change to this modification will invalidate the stove's 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).

In England appliances are exempted by publication on a list by the Secretary of State in accordance with changes made to sections 20 and 21 of the Clean Air Act 1993 by section 15 of the Deregulation Act 2015. In Scotland appliances are exempted by publication on a list by Scottish Ministers under section 50 of the Regulatory Reform (Scotland) Act 2014. Similarly, In Northern Ireland appliances are exempted by publication on a list by the Department of Agriculture, Environment and Rural Affairs under Section 16 of the Environmental Better regulation Act (Northern Ireland) 2016. In Wales appliances are exempted by regulations made by Welsh Ministers.

Further information on the requirements of the Clean Air Act can be found here:

<https://www.gov.uk/smoke-control-area-rules>

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.

The WESTFIREUNIQU 26,27 & 28 SEstoves have been recommended as suitable for use in smoke control areas when burning wood logs. The appliances have been fitted with a modification to fix the air controls at 44% open (20 mm from closed) for WESTFIREUNIQU 26,27 & 28 model in its minimum position.

Only specific SE models are suitable for smoke control areas, 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.

RE-FUELLING WHEN BURNING WOOD BURNING WOOD IN A SMOKE CONTROL AREA

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 air controls fully and slide. Unlatch door to equalise pressure with the room. Open door gently, add one piece of wood WESTFIRE UNIQU 26,27 & 28 and close the door. Once the flames from the logs are fully established move air control to nominal position. The stove is only suitable for intermittent use only: do not run overnight or for long periods unattended.

Experience will determine the settings that produce best results. Use a flue thermostat to check the stove is not overheating. Flue thermostats should be placed directly above collar of the stove on a non insulated section of pipe. (efficient operating temperature range is between 200c and 400c?)

| Stove | Log length & weight |
|-------|-------------------------------|
| WF26 | 2 pieces approx 20 cm, 1.3 kg |
| WF27 | 2 pieces approx 20 cm, 1.3 kg |
| WF28 | 2 pieces approx 20 cm, 1.3 kg |

SE MODELS – smoke exemption modification

Smoke exempt models are factory fitted with a air stop on the air control slider:

SMOKELESS COAL, HOUSE COAL AND PETROLEUM COKE ARE NOT SUITABLE FOR USE ON THIS STOVE; ITS USE WILL INVALIDATE THE GUARANTEE

SOLID SMOKELESS FUELS – WESTFIRE UNIQU 26,27 & 28 models are NOT suitable for use with smokeless fuels and have not been tested to the relevant European standard. Only use wood for these stoves.

Refuelling on to a low fire bed

If there is insufficient burning material in the fire bed 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.

Operation with door left open

Operation with the door open can cause excess smoke. The appliance must not be operated with the appliance door left open except as directed in the instructions.

Dampers left open

Operation with the air controls or appliance dampers open can cause excess smoke. The appliance must not be operated with air controls, appliance dampers or door left open except as directed in the instructions.

Fuel Overloading

The maximum amount of fuel specified in this manual should not be exceeded, overloading can cause excess smoke.

Annual service

The inside of the stove should be serviced /cleaned once a year. To 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. Insulated panels may crack if hit too hard by a piece of firewood. This has no effect on the function of the stove (this is not the case with the smoke plate). The Insulated panels will only need to be replaced once they become very worn and are no longer whole, or if they crack in several places, replace stove door rope cord in the door. Check glass is correctly positioned, replace stove door rope cord in the door. Check glass is correctly positioned.

The stove, 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.

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.

Ash must be stored in a non-combustible container and must not be mixed with other combustible waste.

TROUBLE SHOOTING, CHECK THE FOLLOWING:**1. Fire Will Not Burn**

- 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

- a) the doors are tightly closed,
- b) the air control is turned down to the minimum setting,
- c) the air inlet damper is closed and that it is not prevented from closing completely by a piece of ash,
- d) a suitable fuel is being used,
- e) the door seals are in good condition.
- f) 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

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 control setting to the minimum, and tightly close the doors of the stove. This should cause the chimney fire to go out in which case the control should be kept at the minimum setting until the fire in the stove has gone out. The chimney and flueways should then be cleaned. If the chimney fire does not go out when the above action is taken then the fire brigade should be called immediately.

After a chimney fire the chimney should be carefully examined for any damage. Expert advice should be sought if necessary.

Permanent air vent

The stove requires a permanent and adequate air supply in order for it 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.

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 room
- (b) Let the fire out or eject and safely dispose of fuel from the appliance
- (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 flueway or chimney blockage. For your own safety these must be kept clean at all times.

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.

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 BS6539.

Chimney cleaning

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.

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. 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.

Guarantee

Your new stove is covered by a five year guarantee against manufacturing defects. Your receipt documents the date of purchase. The guarantee does not cover damage caused by faulty operation such as overheating or the stove being incorrectly connected, or damage which occurs as a result of external physical force.

The guarantee does not cover damage to replaceable parts, transport costs associated with repairs under warranty or the installation/dismantling of the stove in connection with repairs under warranty.

Warning! Any unauthorised modification of the appliance is forbidden.

Only replacement parts recommended by Westfire ApS should be used for repairs.

VERMICULITE FIRE BRICK INSTALLATION SEQUENCE – WESTFIRE UNIQ 26, 27, 28

- *1 - Top Left Turbulence Brick
- *2 - Top Right Turbulence Brick
- *3 - Rear Brick
- *4 - Left Side Brick
- *5 - Right Side Brick
- *6 - Left Small Side Brick
- *7 - Right Small Side Brick
- *8 - Baffle Brick
- *9 - Left Base Brick
- *10 - Right Base Brick
- *11 - Base Grate
- *12 - Metal Spacer

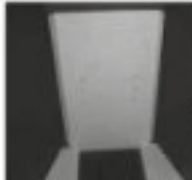
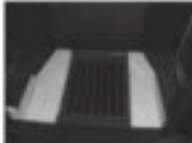


1 - Insert both base bricks (9 and 10) on their respective sides. Then place the Metal spacer (12) between bricks at front with curved edge facing the rear of the chamber.

2 - Grate (11) placed between two base bricks.

3 - Rear brick (3) fits in space behind two base bricks with edges sloping to the back of stove.

4 - Place both side bricks (4 and 5) with their angled edge matching that of the rear brick so that the two meet flush.



5 - Insert top turbulence bricks (1 and 2). This is done by maneuvering brick once its above side support panel then placing brick balanced on both support panel and central beam.

6 - Small side panels (6 and 7) are then fitted in front of the main side panels.

7 - Baffle brick is placed with back side sitting on top of rear brick. Baffle is then held up while metal pins are placed in pre-drilled holes of side bricks then the baffle is left to settle on these pins.



DANAK

TEST Reg nr. 300

TEKNOLOGISK
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Akkrediteret prøvingsorgan, DANAK-akkreditering nr. 300

PRØVNINGSATTEST

Uddrag af rapport nr. 300-ELAB-1370-EN og 300-ELAB-1370-NS

Emne: Brændeovn, Westfire, Type Westfire 26, Westfire 27 og Westfire 28

Rekvirent: Westfire ApS, Tømmervej 3, 6800 Varde (DK)

Procedure:

| | |
|---|-----------------------------------|
| X | Prøvning efter GS/EN13240/A2:2004 |
|---|-----------------------------------|

| | |
|---|---|
| X | Prøvning efter NS3058-1, NS 3058-2 og NS3058 (partikelmåling) |
|---|---|

| | |
|--|---|
| | Støvmåling efter DIN plus Zertificeringsprogram |
|--|---|

PRØVNINGSRESULTATER

Prøvning ved nominal ydelse iht. EN 13240 afsnit A4.7 er foretaget med brænde, og følgende resultater blev opnået:

Nominal ydelse: 4,4 kW

CO-emission henført til 13% O₂: 0,20 %

Virkningsgrad: 78 %

Røggastemperatur: 246°C

Sikkerhedsprøvning er foretaget iht. EN 13240 afsnit A4.9.2.2. Ved følgende afstande til brændbart materiale er temperaturen mindre end 65°C over rumtemperaturen:

Afstand til sidevæg: 300 mm

Afstand til bagvæg: 100 mm

Partikelmåling iht. NS 3058 og/eller støvmåling iht. metode DIN plus:

Partikelemission efter NS 3058: 2,79 g/kg (tørstof) middelværdi (maks. 10)

Partikelemission efter NS 3058: 3,50 g/kg (tørstof) maksimalt (maks. 20)


Støvemission efter metode DIN plus: - mg/Nm³ ved 13% O₂ (maks. 75)

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

Teknologisk Institut er notificeret prøvingsorgan med ID-nr. 1335.

Århus, den 17. september 2010

Sikringsfejlsoplysning


 Max Bjerrum
 Tekniskingeniør

På baggrund af ovennævnte partikelemission attesteres det hermed, at fyringsanlægget opfylder emissionskravene i bilag 1 til Bekendtgørelse nr. 1432 af 11/12/2007 vedr. regulering af luftforurening fra brændeovne og brændekedler samt visse andre faste anlæg til energiproduktion.



DANAK
TEST Reg nr. 300



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INSTITUT**

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TEKNOLOGISK INSTITUT

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

Prøvningsattest III

Uddrag af rapport nr. 300-ELAB-2399-EN

Emne: Brændeovne; Westfire 26, Westfire 27 og Westfire 28

Rekvirent: Westfire ApS
Tømmervej 3, DK-6800 Varde

| | |
|-------------------|--|
| 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 brændeovne iht. EN 13240 er foretaget med brænde der påfyres manuelt, og følgende resultater blev opnået:

| | |
|----------------------|--|
| Nominal ydelse: | 5,0 kW |
| CO-emission: | 0,08 % - henført til 13 % O ₂ |
| Virkningsgrad: | 80 % |
| Røggastemperatur: | 263 °C |
| Afstand til bagvæg: | 150 mm (normalopstilling mod brandbar væg) |
| Afstand til sidevæg: | 350 mm (normalopstilling mod brandbar væg) |

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: | 79 mgC/Nm ³ ved 13% O ₂ (krav: <126) |
| Støv efter FprEN 16510-1: | 14 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 23. august 2019 Kim Sig Andersen Konsulent | Skorstensfejerpåtegning |
|--|-------------------------|

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 2399 WF26,600x

23-08-2019 14:47:12

Cette PDF document est un gdt. Il est dt numriquement signatur par Kim Sig Andersen, Teknologisk Institut.
This PDF document is only valid if digitally signed with the OGC's digital signature for Kim Sig Andersen, Danish Technological Institute.

