



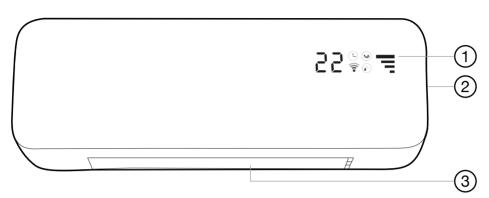


This product is only suitable for well-insulated spaces or occasional use.

BXSH37025GB

www.blackanddecker.co.uk





What's in the box

Instruction Manual

2KW Smart Downflow Heater

Remote control

Expandable plugs

2 x Wall-Mounting Screws

Display

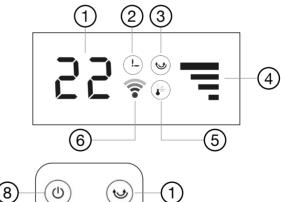
- Room temperature 1.
- 2. Timer indicator
- 3. Swing indicator
- 4. Heat level indicator
- 5. Setting Temperature indicator
- Wi-Fi indicator 6.

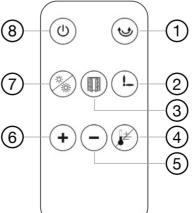
Remote Control

- 1. Swing button
- 2. Timer button
- Open window button 3.
- Cancel button 4.
- 5. Temperature Down button
- Temperature Up button 6.
- 7. Heat selection button
- 8 On/Off button

Features

- 1. LED display
- On/Off Switch (side of unit) 2.
- 3. Air outlet













Intended Use

Your BLACK+DECKER BXSH37025GB 2KW Smart Downflow Heater has been designed for heating small and medium spaces.

This appliance is intended for indoor household use only.

Thank you for choosing BLACK+DECKER. We hope that you will enjoy using this product for many years.

Safety Instructions

★WARNING: Read all safety warnings and all instructions. Failure to follow the warnings and instructions listed below may result in electric shock, fire and/or serious injury.

- Read this manual carefully before using the appliance.
- Retain this manual for future reference.
- The intended use is described in this manual.
- The use of any accessory or attachment or the performance of any operation with this appliance other than those recommended in this instruction manual may present a risk of personal injury.
- Remove the unit from its packaging and check to ensure it is in good condition before using.
- Do not let children play with parts of the packing (such as plastic bags).

★WARNING: When using mains powered appliances, basic safety precautions, including the following, should always be followed to reduce the risk of fire, electric shock, personal injury and material damage.

Using Your Appliance

Please read the operating instructions carefully before using your heater for the first time.

- Check that the voltage of the main circuit corresponds with the rating of the appliance before operating.
- The heater must not be located immediately below a socket outlet.
- The appliance air inlet and outlet openings must not be obstructed in any way.
- AWARNING: In order to avoid overheating, do not cover the heater
- Do not use this heater in the immediate surroundings of a bath, a shower or a swimming pool.
- Never move the heater whilst it is operating, always unplug heater when not in use.
- Never use the appliance if the appliance or supply cord is damaged. The appliance may only be opened up and repaired by authorised qualified personnel.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not











be made by children without supervision.

- Children of less than 3 years should be kept away unless continuously supervised.
- Children aged from 3 years and less than 8 years shall only switch on/off the appliance provided that it has been placed or installed in its intended normal operating position and they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children aged from 3 years and less than 8 years shall not plug in, regulate and clean the appliance or perform user maintenance.
- ◆ ACAUTION: Some part of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.
- Close supervision is necessary when the product is used by or near children or infirm persons.
- Do not allow children to play with the appliance.
- Do not let the supply cord come into contact with any hot surfaces.
- Before use ensure the supply cord is fully extended and is not in contact with any part of the heater.
- Do not pull the plug out by the supply cord as this may damage the plug and/or the cable.

- Do not carry the appliance by the supply cord.
- Do not use this product for anything other than its intended use.
- This appliance is for normal household use only.
- FOR INDOOR USE ONLY. Do not use the appliance outdoors.
- Do not operate with wet hands.
- Do not leave the appliance unattended when switched on.
- The use of accessory attachments is not recommended by the appliance manufacturer. Use of an extension cable with this appliance is not recommended.
- Ensure that no other high current appliances are plugged into the same circuit with your heater as an overload can occur.
- Always unplug the appliance when not in use or before cleaning.
- Do not operate any product with a damaged supply cord or plug, or after the product malfunctions, or is dropped or appears damaged in any way.
- The manufacturer does not accept responsibility for any damage or injury caused by improper or incorrect use, or for repairs carried out by unauthorised personnel.

Safety Of Others

- Take care when any appliance is used near pets.
- Do not allow the supply cord to become twisted or come into contact with children.





- While cleaning, DO NOT use a wet cloth or use water on any part of the unit, as this may cause a short circuit or electrical shock.
- Keep this unit clean. Do not allow objects to enter the ventilation opening as this may cause electric shock, or damage to the unit.
 Switch off at the wall socket then remove the plug from the socket when not in use or before cleaning.
- Check all inlets and outlets from time to time for accumulated dust.
- Disconnect the unit from mains outlet when it is not in use, or before relocating or cleaning it.
- Switch off, remove the plug from the socket and let the appliance cool down before leaving it unattended and before changing, cleaning or inspecting any parts of the appliance.

Inspections And Repairs

- Do not attempt to dismantle, repair or remould any part of the unit. This should only be done by a qualified service agent. Even the change of supply cord should be done by a qualified person.
- In the unlikely event the appliance develops a fault, stop using it immediately and seek advice from qualified BLACK+DECKER service facility.
- ♦ In case of technical problems, switch off the product and do not attempt to repair it yourself. Return the appliance to an authorised BLACK+DECKER service facility for examination, adjustment or repair. Always insist on the use of original spare parts. Failure to comply with the above mentioned precautions and instructions, could affect the safe operation of this product. Further information about authorised BLACK + DECKER service facilities can be found on www.2helpu.com









Additional Safety Instructions for This Appliance

- Arrange the supply cord such that it is not a trip hazard.
- Ensure that the unit is switched off after use.
- Do not immerse supply cord, plug or any part of the appliance in water or any other liquid.
- Operate the unit only at the voltage specified.
- Do not use the unit near open windows, as contact with rain and other natural elements could cause an electrical hazard.
- Do not put heavy objects on the appliance.
- Do not tip the unit on its side.
- Never insert any other object into the unit body to avoid any hazard or unit failure.
- Do not put the unit close to heat-generating devices or near flammable and dangerous materials.
- Do not use near or point the heater towards furniture, animals, curtains or other inflammable objects. Keep combustible materials, such as furniture and bedding, at least 1 metre from the front, sides, and rear of the heater.

- Do not place the supply cord under carpet, rugs or furniture.
- If the supply supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
- Always direct the airflow in order to optimise heating. Avoid corners, small objects and other surfaces or objects which may impede the airflow.
- The appliance must be positioned so that the plug is accessible.
- Always turn the heater off and unplug it from the mains before attempting to move it.

AWARNING: Do not place the unit on or near a hot gas electric burner.









Before use, check that the mains voltage corresponds to the voltage on the rating plate.

- Appliance plugs must match the outlet. Never modify the plug in any way.
- Do not use any adapter plugs with this appliance.
 Unmodified plugs and matching outlets will reduce the risk of electric shock.
- To avoid the risk of electric shock, do not immerse the supply cord, plug or appliance in water or other liquid.
- If the supply cord is damaged, it must be replaced by the manufacturer or an authorised BLACK+DECKER Service Centre in order to avoid a hazard.

Labels on Appliance

The following pictograms along with the date code are shown on the appliance:



AWARNING: Do not cover

AWARNING: Before assembling, switch the appliance off and remove the plug from the socket.

Features

- 1. LED display
- 2. On/Off Switch (side of unit)
- Air outlet

Display

- 1. Room temperature
- Timer indicator
- 3. Swing indicator
- 4. Heat level indicator
- Setting Temperature indicator
- 6. Wi-Fi indicator

Remote Control

- Swing button
- Timer button
- 3. Open window button
- Cancel button
- Temperature Down button
- 6. Temperaturee Up button
- Heat selection button
- 8. On/Off button

llse

About the Controls

- ◆ 2 Heat settings (1000W/2000W) and fan mode
- ◆ Temperature selection from 18 to 45°C
- ◆ Remote controlled operation
- ◆ Open window detection function
- ◆ Programmable 8-hour timer
- Oscillation function
- Smart Wi-Fi functionality

Before First Use

Note: Read all instructions and safety information carefully before first use. Please retain this information for future reference.

Remove your appliance from the packaging.

Check that there is no damage to the supply cord or any visible damage to the body or accessories.

Dispose of the packaging in a responsible manner.









(Original instructions)

Installing the Battery

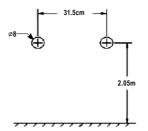
AWARNING: Danger of explosion if battery is incorrectly replaced.

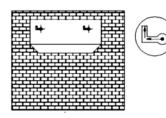
AWARNING: DO NOT INGEST BATTERY; CHEMICAL BURN HAZARD. This product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.

- Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children.
- If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
- ♦ If the coin cell battery contents come into contact with the skin, immediately wash area with mild soap and water. If coin cell battery liquid gets into the eye, rinse water over the open eye for 15 minutes or until irritation ceases. If medical attention is needed, the battery electrolyte is composed of an organic solvent and lithium salts.
- Do not incinerate or dispose of battery together with household waste material! Batteries that has reached the end of its life must be collected separately and returned to an environmentally compatible recycling facility.
- ◆ To install the battery, first detach the battery cover from the remote. To do this, place a thumb or small object, on the grooved area on the underside of the battery cover and push it gently to the side, while simultaneously pulling the compartment away from the body of the remote.Insert 1 x CR2025 battery into the battery compartment, taking care to ensure the positive polarity is facing upwards.
- Once the battery is in place, slide the battery cover back into the remote. It will automatically lock into place and secure the battery inside.

Installation

- Drill two holes of approximately 8mm diameter into the wall, approximately 31.5cm apart, with a distance of 2.05m from the ground, as shown below.
- ◆ Insert expandable plugs into the holes.
- Insert the screws into the expandable plugs.
 Ensure they are secure.
- Hang the heater onto the screws as shown in the next column. Ensure the unit is flush and stable before use.





Turning the Unit On or Off

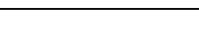
- ◆ To turn the appliance on, plug it into a compatible mains outlet and push the On/Off switch located at the back of the unit to the 'On' position, represented by the symbol 'I'. There will be a sound prompt and the LED display will turn on and show the current room temperature, and the WiFi indicator will begin to flash
- Push this switch to the 'Off' position, represented by the symbol 'O', to turn the unit off. The LED display will go out.
- Once the unit is on, press the small 'Start and Stop' button under the On/Off (I/O) to bring the unit out of standby mode. Press the 'Start and Stop' button again while the unit is active to put it back into standby mode.

Note! The remote control can also activate the 'Start and Stop', all other operations are controllable only by the remote control.

On/Standby

- Once the unit is plugged in and switched on, press the button to bring it out of Standby mode. There will be a sound prompt to show the unit is operational.
- Press this button again while the unit is operational to put it back into Standby mode. All active indicators will go out, the LED display will go back to showing the current room temperature, and the unit will stop working after about 30 seconds.







Mode Selection

This unit is equipped with a choice of three operational modes: Low heat (1000W), High heat (2000W), and Fan.

- Repeatedly press the button to cycle through and select the available modes, in the following order: Low, High, Fan. The heat indicator at the side of the LED display will gradually expand to reflect each mode has been selected.
- Press this button again at any time to switch to a different operational mode.

Temperature Selection

This unit allows for manual temperature selection when operating on the Low and High heat settings.

- Press the + and keys to increase or decrease the temperature in increments of 1, from 18 to 45°C. The currently selected target temperature will be displayed on the unit's LED display.
- Press the button at any time to cancel all temperature selection settings and go back to the default room temperature.

Setting a Timer

This unit is equipped with pre-set timers for up to 8 hours.

Repeatedly press the button to cycle through and select the available timers, in increments of 1 hour, from 0H to 8H. The corresponding indicator will illuminate, and the selected time in hours will be displayed on the unit's LED screen.

Note! The unit will automatically save the selection after a few seconds.

- Press this button again while a timer is in operation to select a different timer length.
- ◆ To set a timer on the B + D Home app, go into the app and pair the device, as described in the corresponding section of this instruction manual.
- Once paired, tap 'Scene' and select 'Automation', then repeatedly tap 'Schedule' to select the day, hour and minute when you want the heater to turn on or off.
- Once the desired settings have been selected, tap 'Next', then click the + symbol next to the 'Then' section. Tap 'Run the Device', select the heater, and tap 'Switch'. The unit will now turn On or Off on the selected days and times.
- Press 'Save' and then 'Next' in the top right hand corner. Tap the the 'Save' button again on the next screen and press 'Yes' on the prompt to complete the process.

Note! The automation can be turned on and off by pressing the sliding on off button.

The Open Window Detection Function

This unit is equipped with an energy-saving open window detection function when working on either of the two available heating modes, through which the unit automatically stops heating if room temperature drops more than 5°C over a period of ten minutes, and does not rise again for the next 30 minutes.

Note! The open window detection function is only available when the unit is operating in heating or set temperature mode.

Press the wey on the unit's remote control to activate the open window detection function. The corresponding indicator will illuminate on the unit's control panel and the unit will enter the function within 1 minute.

Once active, the open window detection function will automatically assess room temperature in 10-minute rounds, during which the temperature will be assessed twice (once every 5 minutes). The unit will then carry out a series of preprogrammed actions based on the detected difference in temperature, as detailed in the table opposite.

Time round Min: s	Time Min: s	Description	
00:00 - 01:00	0:00	Open window detection start up	
01:00-11:00	1:00	Temperature detection start up Temperature detection starting check point	
	6:00	Temperature detection check point 1 1. ≤8°C, reduction from the starting temperature: the appliance will continue heating and the Open window detection function will remain active. 2. >8°C temperature increase from starting temperature: the appliance will stop heating and stand by, The Open window detection function will stop.(3. Current temperature ≥ starting temperature by less than 8 degrees: the appliance will continue heating and Open window detection will remain active. Maximum detection temperature 51°C	
	11:00	Temperature detection check point 2 1. End of the current temperature detection round and start of the next round. 2. Operation for the new round will be similar to the current round.	







The Swing Function

This unit is equipped with a swing function, for optimal air distribution.

Press the button to turn this function on and off. The unit's louvers will start and stop moving as appropriate.

The WiFi Functionality

- ◆ Connecting to WiFi/Downloading The App
- To start using the 'BLACK+DECKER Home' app, begin by downloading it from the Apple App store or the Google Play store. Scan the QR Codes shown below to download the app directly from either store.







 Follow the instructions in the app to create an account and connect the heater to a WiFi network.

Note! Other app and device instructions are also available in the app.

 Once the app is downloaded, carry out the following steps to control the unit remotely through the corresponding smart device.

Connecting the App to the Unit:

- ◆ Install the "BLACK+DECKER Home" app and create a user account, as detailed above.
- Plug the appliance in. This will activate the wifi function.
- ♦ Place the appliance within 5 metres of your router.
- As long as the unit remains plugged in, the WiFi indicator flashes.

WIFI Connection

To connect the unit to the BLACK+DECKER Home app via WiFi, carry out the following steps:

- Activate the Bluetooth and WiFi functions in the corresponding smart phone or tablet device.
- Turn the unit on using the I and O symbol. The WiFi function will automatically activate, and the indicator will flash.
- When the WIFI indicator flashes, select 'Add Device' and follow the instructions on the display.
- If the Wifi indicator flashes, the unit can be connected to the BLACK+DECKER Home App.

Configuring Different SSD Bands for 2.4GhZ and 5GhZ

- If your router supports both the 2.4 GHz and 5 GHz bands, but only one Wi-Fi name is displayed on the Wi-Fi search page of your mobile phone, perform these steps:
- Go to the Wireless page of the router. (The entry address is usually provided on the label attached to the back of the router).
- Go to the 2.4 GHz setting page, and set the Wi-Fi name (SSID) to XXX—2.4G, where xxx indicates the Wi-Fi name. Save setting.
- Go to the 5 GHz setting page, and set the Wi-Fi name (SSID) to XXX—5G, where xxx indicates the Wi-Fi name. Save setting.
- When the preceding settings are complete, the new Wi-Fi names will Appear on the Wi-Fi settings page of your mobile phone.

Note! After the Wi-Fi names are changed, you need to reconnect the devices that use this wireless router. The password remains the same if it has not been changed.

Using the App

Once the app is downloaded, carry out the following steps to control the unit remotely through the corresponding smart device.

- ◆ Tap the Power On/Off key on the app's main screen to turn the unit On or Off.
- ◆ Tap the + and keys on the app's main screen to increase or decrease the temperature levels. The current temperature level is displayed above the two keys.
- ◆ Tap the Swing key on the app's main screen to access the On/Off swing function.
- Tap the Timer key on the app's main screen to access the timer screen. In the new screen, click Add Timer to program and set a timer.
- Tap the Mode key on the app's Selection screen to switch between heat and fan setting.







Cleaning and maintenance

AWARNING: Before cleaning and maintenance, switch the appliance off and remove the plug from the socket, to prevent electric shock.

- Do not immerse any part of the appliance, supply cord or plug in liquids.
- Use a soft damp cloth to wipe the surface. Avoid using detergent, spray or chemicals as these may cause damage to the appliance.
- AWARNING: DO NOT allow water or steam to enter any part of the appliance, as this could cause it to malfunction.
- Store the appliance in a cool, dry place, ideally in its original packaging.

Mains plug replacement

If a new mains plug needs to be fitted:

- Safely dispose of the old plug.
- Connect the brown lead to the live terminal in the new plug.
- Connect the blue lead to the neutral terminal.

Note! This product is class II double insulated (only 2 wires in the cord set), no connection is to be made to the earth terminal.

Follow the fitting instructions supplied with good quality plugs. Any replacement fuse must be of the same rating as the original fuse supplied with the product.

AWARNING: The above section on mains plug replacement is for authorized service centre persons.

Protecting the environment



Separate collection. Products and batteries marked with this symbol must not be disposed of with normal household waste.

Products and batteries contain materials that can be recovered or recycled, reducing demand for raw materials. Please recycle electrical products and batteries according to local provisions. Further information is available at www.2helpU.com.

Technical data

		BXSH37025GB
Input voltage	V AC	220 - 240
Frequency	Hz	50/60
Power input	W	2000W
Weight	KG	2.8

Product Guarantee

This product comes with a 2 Year guarantee from the original date of purchase. If any defect arises due to faulty materials of workmanship, the faulty products must be returned to the place of purchase. Refund or replacement is at the discretion of the retailer. This guarantee is in addition to and in no way prejudices your statutory rights.

The Following Conditions Apply:

- The product must be returned to the retailer with proof of purchase or a receipt within the 1st year of purchase. For any product related issues after 12 months please contact our customer services team.
- The product must be installed and used in accordance with the instructions contained in this instruction guide.
- It must be used only for domestic purposes.
- It does not cover wear and tear, damage, misuse or consumable parts.
- This guarantee is valid in the UK and Republic of Ireland









(Original instructions)

Product Security and Telecommunications Infrastructure (PSTI)

Your Black+Decker 2KW Smart Downflow Heater is an interconnected product which uses both wifi and Bluetooth to connect to the BLACK+DECKER Home App. As more devices in the home become connected to the internet, cyber security of the Internet of Things (IoT) is increasingly important to protect end users.

The Black+Decker 2KW Smart Downflow Heater will deliver an updated experience on a regular basis including security patches. It is strongly recommended for best performance and security that all maintenance updates should be accepted as soon as possible. The 2KW Smart Downflow Heater will continue to update until the specified date found within the Software Update website address. Please note updates may well continue after the date but it is likely that they will be less frequent. For further information please visit the below links.

For Security Reporting, Black+Decker actively tries to identify and reduce potential vulnerabilities during the products lifetime and in this effort we value input on actual or potential vulnerabilities reported by yourself.

If you believe you have discovered a vulnerability in a Black+Decker product please follow the Security Report website address below and follow the steps to complete the Security Reporting Form. Further information regarding the process is referenced on our website.

Security Reporting Website Address:

www.rkwltd.com/#/security-reporting

Software Updates Website Address:

www.rkwltd.com/#/software-updates

For all customer service enquires please contact us below;

RKW,

Sutton House.

Berry Hill Road,

Stoke-on-Trent.

ST4 2NL

Email blackanddecker@rkwltd.com

Tel 0333 220 6089

Black & Decker® and BLACK+DECKER™ and the Black & Decker® and BLACK+DECKER™ logos are registered trademarks of The Black & Decker® Corporation and are used under licence. All rights reserved. Imported and Distributed by RKW LTD, Sutton House, Berry Hill Industrial Estate, Berry Hill Road, Stoke-on-Trent, ST4 2NL









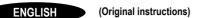
Item	Symbol	Value	Unit	Item	Unit
Heat Output			Type of heat input for electric storage, local space heaters only (select one)		
Nominal heat output	Pnom	2.00	kW	Manual heat charge with integrated thermostat	No
Minimum heat output (indicative)	Pmin	1.00	kW	Manual heat charge control with room and/or outdoor temperature feedback	No
Maximum continuous heat output	Pmax, c	2.00	kW	Electronic heat charge control with room and/or outdoor temperature feedback	No
Auxiliary electricity consumption				Fan assisted heat output	No
At nominal heat output	elmax	N/A	kW	Type of heat output/room temperature control (select one)	
At minimum heat output	elmin	N/A	kW	Single stage heat output and no room temperature control	No
In standby mode	elSB	0.00063	kW	Two or more manual stages, no room temperature control	No
				With mechanic thermostat room temperature control	No
				With electronic room temperature control	No
				Electronic room temperature control plus day timer	No
				Electronic room temperature control plus week timer	Yes
				Other control options (multiple selections possible)	
				Room temperature control with presence detection	No
				Room temperature control with open window detection	Yes
				With distance control option	Yes
				With adaptive start control	No
				With working time limitation	Yes
			İ	With black bulb sensor	No

















(Original instructions) ENGLISH









