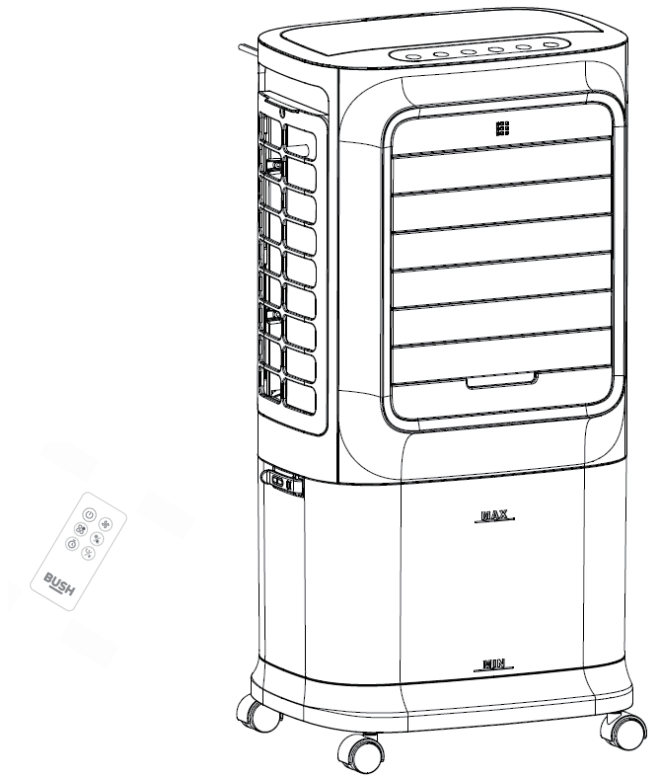
BUSH

Instruction manual

7 LITRE AIR COOLER FAN

Model number DF-AF1381C



Please read the instructions fully before use.

BUSH



Safety information

Important - please read the instructions fully before operating.

For household and indoor use only.

- This appliance must be used for its intended purpose only and operated as instructed in this user manual.
- Use only the voltage specified on the rating plate of the appliance.
- Do not connect the appliance to the mains voltage until completely assembled and adjusted.
- **This appliance can be used by children aged 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 should be supervised to ensure they do not play with the appliance.
- To protect against electrical shock do not immerse cord, plugs, or the main body in water or other liquids.
- Do not touch the power cord plug with wet hands, there is a danger of electric shock.
- Check the appliance before each use for signs of wear or damage. If damaged, discontinue from use immediately and do not use until the appliance has been inspected and approved for use by a qualified service person.
- The product is not to be used if it has been dropped or there are visible signs of damage.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or a similarly qualified persons in order to avoid hazard.
- Never attempt repairs yourself. Repairs to electrical appliances should only be performed by a qualified electrician. Improper repairs may place the user at serious risk and will invalidate the guarantee, take the appliance to a qualified repair agent.
- This appliance is designed for indoor; household use only.
- Do not insert fingers or other objects into the air cooler during use, this can cause personal injury and damage.
- Unplug the appliance when not in use, when moving the appliance, during filling and before cleaning.
- Do not place the appliance on an unsteady surface.
- Keep away from open flames such as lit candles, open fires, cooking, and other heating appliances.
- Do not operate the air cooler in the presence of explosive and/or flammable fumes.

- Do not place the air cooler or any parts near an open flame, cooking, or other heating appliance.
- Do not operate if the air cooler housing is damaged.
- Do not allow the air cooler to be directed onto children, the elderly or infirm for a long period of time.
- Do not use the air cooler near an open window as rain may cause an electric shock hazard.
- If a strong odour is emitted from the product or it has an abnormal sound during use, stop using it immediately and unplug the power supply.
- If adding water into the top filling gate, switch off the air cooler and unplug the power cord first.
- Do not overfill or allow water to overflow the water box. This can cause electric shock or a short circuit
- After filling the machine with water, keep it upright and handle gently to avoid splashing. If the machine tips over and water gets inside, unplug it immediately and let it dry for 24 hours before switching it on.
- The water level of the water tank shall not exceed the maximum level. When the cooler/humidifier function is started, the water level in the water tank shall not be lower than the minimum level.
- If the water tank is full, do not lift the machine by the handle as water may spill. Push the handle to move the machine. Only lift by the handle when the tank is empty or nearly empty
- Do not remove or install the air filter or wet curtain bracket while the unit is humidifying. This can cause water to spray from the air outlet.
- Do not cover the appliance as this can block the air flow and cause overheating.
- Beware that high humidity levels may encourage the growth of biological organisms in the surrounding environment.
- Keep the area around the humidifier dry. If you notice dampness, reduce the humidifiers output. If the output cannot be reduced, operate the humidifier intermittently. Do not let absorbent materials such as carpets, curtains, drapes or tablecloths to become damp.
- Never leave water in the reservoir when the appliance is not in use.
- Empty and clean the humidifier before storage. Clean the humidifier before next use.
- When adding water from the top, the air cooler should be turned off and unplugged. Do not let water overflow from the water box, as this can cause electric shock or a short circuit, making the machine unusable.
- When the machine is turned off, water in the top tank flows back to the main water tank, letting air into the pipe. If restarted immediately, the pump may not work properly due to trapped air; turning it off and on again resolves the issue and restores normal water flow.

Battery Warning

- CAUTION – Danger of explosion if batteries are incorrectly fitted /replaced.
- Batteries should be installed by an adult. Keep new and used batteries out of reach of children.
- The remote in this product requires a CR2032 button battery.
- If the button battery is swallowed, it can cause severe chemical burns, perforation of soft tissue, and death. Severe burns can occur within 2 hours of ingestion. Seek medical attention immediately.
- 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.
- Be sure to insert correctly taking care to observe the correct polarity (+ and -).
- Use only batteries of the same or equivalent type as recommended.
- Never try to crush. Puncture or dismantle batteries.
- Do not short-circuit the supply terminals.
- Always remove exhausted or dead batteries from the product.
- Remove batteries from the product before extended storage.
- Dispose of used batteries responsibly at local authority household waste recycling facility.
- DO NOT dispose of batteries in a fire as the batteries may explode.
- In the event of a battery pack leaking, do not allow the liquid to come in contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.

Symptoms from battery ingestion

Unfortunately, it is not obvious when a button or coin battery is stuck in a child's oesophagus (food pipe).

There are no specific symptoms associated with this.

The child might:

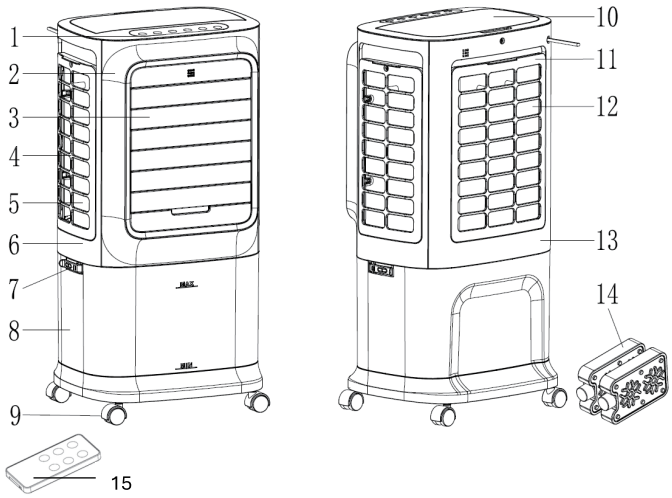
- Cough, gag or drool a lot.
- Appear to have a stomach upset or a virus
- Be sick
- Point to their throat or stomach
- Have a pain in their abdomen, chest, or throat
- Be tired or lethargic
- Be quieter or more clingy than usual or otherwise "not themselves"
- Loose their appetite or have a reduced appetite; and
- Not want to eat solid food / be unable to eat solid food.

These sorts of symptoms vary or fluctuate, with the pain increasing and then subsiding. A specific symptom to button and coin battery ingestion is vomiting fresh (bright red) blood. If the child does this seek immediate medical help.

The lack of clear symptoms is why it is important to be vigilant with "flat" or spare button or coin batteries in the home and the products that contain them.

INSTRUCTIONS FOR USE

Getting to know your air cooler



1. Control Panel (Buttons)
2. Front shell
3. Horizontal blade
4. Side filter
5. Side cooling pad
6. Side shell
7. Water tank buckle
8. Water tank
9. Wheels
10. Water filling gate
11. Back filter
12. Back cooling pad
13. Back shell
14. Ice pack (x2)
15. Remote control

Before using your air cooler

Make sure you have read and fully understood the safety instructions before operating the air cooler.

Choose a safe, horizontal and stable surface to place your air cooler and position the power cord so not to create a trip hazard.

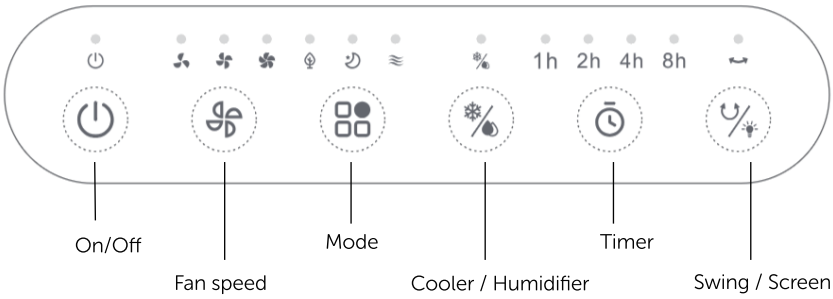
Recommended Room Size

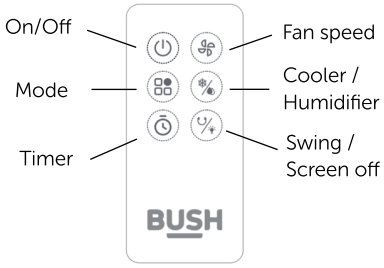
This air cooler is designed for optimal performance in rooms **up to 25 m^3**.
Using the unit in a larger space may reduce cooling efficiency and overall comfort. For best results:

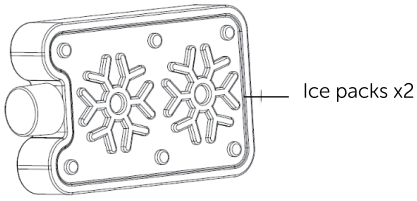
- Ensure the room size does not exceed **25 cubic meters (m^3)**.
- Close windows and doors to maintain effective airflow.
- Position the cooler on a flat, stable surface with at least 30 cm of clearance around the air intake and outlet.

Operating the product within the recommended room size will help you achieve maximum cooling performance and energy efficiency.

Using your air cooler







CAUTION: DO NOT COVER the air cooler vents

ON/OFF button: Press this button to switch the fan on, the fan will run at low speed. Press again to switch your fan off into standby mode.

Fan SPEED button: Press the button to adjust the level of wind speed. Low / Middle / High. The selected speed will show on the fans display.

Wind MODE button. 3 modes available for selection. (Icon will show on display).

Normal Mode:

This setting allows for manual speed selection, which can be changed at any time. Manual mode is in operation when 'Nature or Sleep' icons are not on showing on the display.

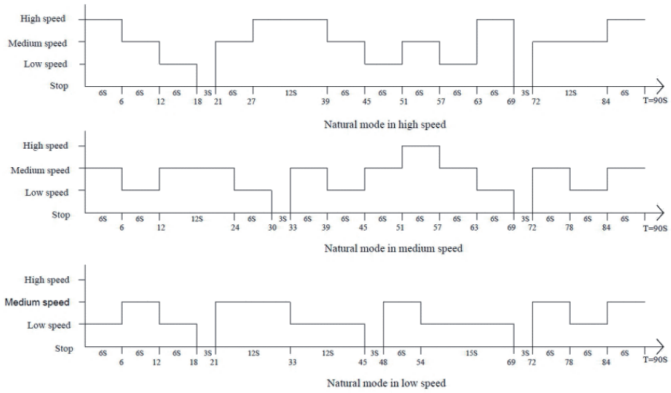
Natural Mode:

It is a mode that automatically switches between high, medium and low gears. This mode imitates the blowing effects of nature, making the wind softer and more comfortable.

If **HIGH** speed is selected – automatically switches between all 3 speeds in a high-speed natural wind setting.

If **MID** speed is selected – automatically rotate between all 3 speeds in a medium speed natural wind setting

If **LOW** speed is selected – automatically rotate between 2 speeds in a low-speed natural wind setting.



The chart above demonstrates the specific program waveform of the natural wind mode at the different speed settings.

Sleep Mode:

If **HIGH** speed is selected. The fan will operate in 'High speed natural mode' for 30 minutes, then 'Mid speed nature mode' for 30 minutes. For the remaining time it will operate in 'Low speed nature mode' setting.

If **MID** speed is selected. The fan will operate in 'Mid speed nature mode' for the first 30 minutes. For the remaining time it will operate in 'Low speed nature mode' setting.

If **LOW** speed is selected. The fan will operate in 'Low speed nature mode'.

Cooler/Humidifier button. Press this button to switch on the cooler/humidifier button.

When turned on the water pump indicator light will be on. If the water pump stops working, the indicator light will turn off.

Water shortage protection function: When the cooling function activates, the water pump operates for 45 seconds. If a water shortage in the tank is detected for 5 consecutive seconds, the protection switch disconnects, halting the water pump. The indicator light flashes on and off, and the buzzer issues a water shortage alarm sound (Bi--) ten times. This also turns off the humidification function. Press the cooling/humidification key again to turn off the indicator light.

Timer button. Press this button to enter the timer mode and set the timer from 1-8hrs.

The display rule is as follows: Set the 2-hour timer, and 1 hour after the timer off function takes effect, the 2-hour indicator light off and the 1-hour indicator light on. This means that the indicator lights will automatically reduce (as shown in the table below). When all the timer lights go out, the machine shuts down and enters the standby mode.

Timing（h）	Indicator light
8	8h
7	1h 2h 4h
6	2h 4h
5	1h 4h
4	4h
3	1h 2h
2	2h
1	1h

Swing Button. Press this button to start or stop the swing function.

The **swing function** moves the fan's front vents up and down. This helps spread the cool air more evenly around the room, instead of blowing it in one fixed spot. It makes the cooling feel more natural and comfortable.

Other Functions:

Dark Mode: When active, the indicator lights will dim to one-third of their original brightness if there is 1 minute of no activity. Pressing any button will return the indicator lights to full brightness.

Memory Function: Without taking the plug out: If the machine has been previously turned on, simply press the on/off button in standby mode. Upon restarting, it will resume its previous state, except for the timer, sleep air, and dry air functions.

Screen off button: Press and hold the button for 3 seconds to turn off the screen and indicator lights. Press any key to restore normal brightness without changing any function.

Auto drying function – for cooling pads: Press and hold the 'fan speed' button for 3 seconds to activate the auto drying function to dry the cooling pads before storage. The air cooler will blow at high speed for 20 minutes before automatically shutting off.

Using the remote control:

Follow the manufacturer's instructions when installing new batteries.

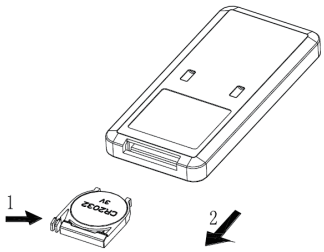
Only use a 3V CR2032 battery in this remote control.

To install batteries, the screw on the battery cover should be removed. Battery must be placed according to the correct polarity (+ and -). After inserting the batteries, slide the cover back into place and secure the screw.

When operating the remote control, align the transmitter at the front of the remote with the receiving window on the product.

(Note: the receiving window is located on the front panel just below the top panel).

The remote control typically functions within approximately 5 meters from the front if the product, within an allowable angle of up to 30 degrees.



Filling the water tank:

Before turning on the cooling or humidification function, please add water to the water tank. There are two ways to add water:

1.First, open the water filling gate, slowly pour water into the water tank (Figure 1, Figure 2): After adding water, close the water filling gate again.

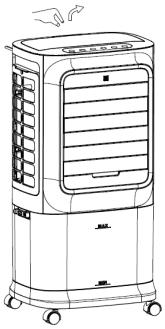


Figure 1

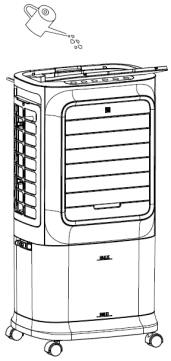


Figure 2

2. Open the water tank buckles first, then separate the machine from the water tank and slowly pour water into the water tank (Figure 3, Figure 4): After adding water, assemble the machine body and the water tank and fasten the buckles.

3. When manually adding water, pay attention to the water gauge in front of the water tank (Figure 5)

4. When adding water, please be careful not to exceed the highest water level.

5. Be sure to use clean tap water.

6. When you use your air cooler for the first time, you might notice a slight smell or see the water in the tank change colour a little**.** This is completely normal. The cooling pads inside the unit are made from natural wood fibre**,** and when they get wet for the first time, they can release a small amount of natural tannins into the water. This is similar to how wood can lightly tint water when it's first soaked. This is harmless, non-toxic**,** and nothing to worry about. The smell and colour change usually go away after the cooler has been used a few times.

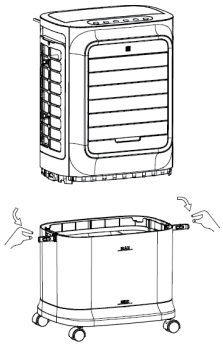


Figure 3

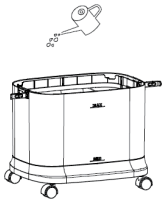


Figure 4

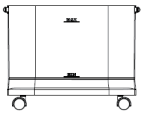
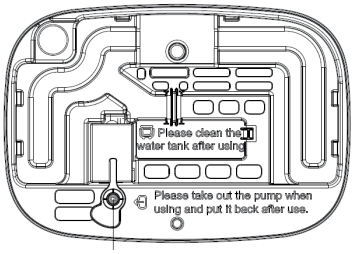


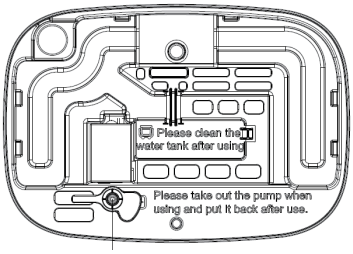
Figure 5

Using the water pump:

The water pump is stored in the base of the main body of the air cooler. To set the pump working, it first needs to be unclipped using the water pump buckle, so it can be lowered into the base of the water tank.



Fasten the water pump buckle



open the water pump buckle

1.After taking out the fuselage, please pay attention to the prompts on the bottom (Figure 6 & Figure 7)

Figure 6

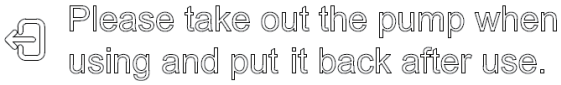


Figure 7



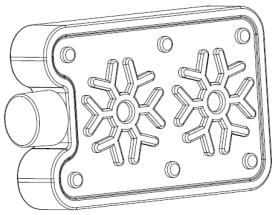
2. Rotate the water pump buckle anticlockwise and take out the water pump and water pipe from the storage tank (the water pipe is fixed by two buckles), so that the water pump can naturally drop to the bottom of the water.

   Why this matters:
   The water pump must sit at the lowest point in the tank so it can fully submerge and draw water correctly. This ensures the cooling pads stay evenly soaked and the cooler operates efficiently. If the pump is not fully lowered, it may pull in air instead of water, reducing cooling performance and potentially causing pump noise or damage.

Using the ice packs

Using an ice pack cools the water inside the air cooler, allowing it to blow colder air for increased comfort.

- The ice packs can be frozen repeatedly and recycled; you can also choose not to use it based on the temperature.
- Please keep the ice packs closed to prevent from damage and liquid leakage.
- The ice packs can be frozen safely.
- When using the frozen ice packs in the water tank, the temperature at the air outlet will drop after operating the cooler/humidifier function.
- Ice blocks can be used as an alternative to the frozen icepacks, to exert the same cooling effect.
- Control the water level of the water tank to be lower than the 'max' (maximum indicating scale when adding water, and if the water level is lower than 'min' (minimum) please add water in time.

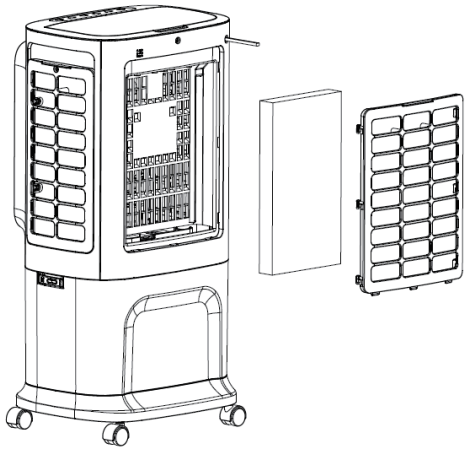


Care and Maintenance.

- Always turn off and unplug the air cooler from the mains supply before cleaning.
- Use only soft, slightly damp cloth followed by a dry cloth to gently wipe the outer surface to clean the fan. Do not rinse with water
- Do not use flammable liquids or chemicals to clean the unit.

Filter & honeycomb filter cleaning.

- Excessive dust buildup on the air filter can reduce airflow efficiency. Be sure to clean the filter every 2 weeks.
    1. Turn off and unplug from mains supply.
    2. First take out the air filter, then the main cooling pad can be taken out. (operation as shown below)
    3. Clean the air filter net with detergent and a soft bristle brush.
    4. Soak the honeycomb filters (cooling pads) in detergent for a few minutes, then wash and dry them.



Tips for maintaining the honeycomb filter (cooling pad)

Rinse the pad – Remove the pad and rinse gently with clean water. Do not use high-pressure water or scrub the pad.

Remove Mineral Deposits – If scale is visible, soak the pad briefly in a 1:1 vinegar-water solution. Rinse thoroughly before reinstalling.

Check Water Flow – Ensure water spreads evenly across the pad. Clear any blockages in the water distributor.

End-of-Season Care – Remove the pad and allow it to dry completely before storage. Complete an air cooling cycle to dry the air-cooling pads. This will help to reduce risk of mould or mildew build up whilst the cooling pads are in storage.

Replacement – Replace the pad if cooling decreases, odour persists, or the pad becomes brittle. Most pads last 3 years, depending on water quality and usage.

Cleaning the water tank

1. Unplug the power supply, turn the fixing knob to the horizontal direction, and lift-up the upper part of the machine to separate the water tank.
2. Wipe off any debris or scale in the water tank with a towel dipped in a little detergent, then rinse with water before tipping out.

Cleaning the surface

1. Always turn off and unplug the air cooler from the mains supply before cleaning.
2. Use only a soft slightly damp cloth followed by a dry cloth, to gently wipe the outer surface to clean.

Storage.

- When not in use, clean the air cooler before storing away in the original or similar sized box.
- Before packing away, make sure that the cooling pads, filters etc are dry and there is no water in the tank.

Technical Specifications.

BUSH 7 litre air cooler fan	Symbol	Value	Unit
Model number	--	DF-AF1381C	--
Rating	--	220-240	VAC
Insulation class	--	II	--
Maximum flow rate	F	15.6	m^3/min
Fan power input	P	43.1	W
Service value	SV	0.4	(m^3/min)W
Standby consumption	P_{SB}	0.3	W
Fan sound power level	L_{WA}	63	dB(A)
Maximum air velocity	C	4.1	Meters/sec
Bush Careline	Customer helpline 0345 604 0105		



Recycling electrical products.

You should now recycle your waste electrical goods and in doing so help the environment. This symbol means an electrical product should not be disposed of with normal household waste. Please ensure it is taken to a suitable facility for disposal. Visit www.recycle-more.co.uk, click on “bank locator” and enter your postcode to find your nearest recycling site.

Plug and wiring advice.

The wires in this mains lead are coloured in accordance with the following UK electrical code:

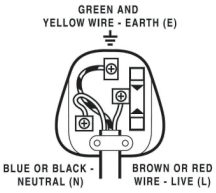
BLUE = NEUTRAL
BROWN = LIVE
GREEN + YELLOW = EARTH

Non-rewireable plug

This appliance may be fitted with a “non-rewireable” plug. If you need to change the fuse in a “non-rewireable” plug, the fuse cover must be refitted. If the fuse cover is lost or damaged, the appliance must not be used.

Rewireable plug.

The colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in a rewireable plug. **Rewireable plugs should only be replaced by a suitably competent person. If in doubt, consult a qualified electrician.**



The BLUE wire must be connected to the terminal marked with the letter N

The BROWN wire must be connected to the terminal marked with the letter L

The GREEN & YELLOW wire must be connecting to the terminal marked with the letter E or the earth symbol ⏚

Product support

Help and assistance
If you require any technical guidance or find that your air cooler is not operating as intended, a simple solution can often be found in these instructions or online at www.bush-support.com

If you still require further assistance, call one of our experts on 0345 604 0105*. To help give us give you a fast and efficient service please have the following information ready:

Model Ref.	DF-AF1381C
Serial number	N/A
Date of purchase	

You can find these on the rating plate - a small information panel (usually a sticker or metal plate) on the rear of your product.

This will be shown on your receipt

Local call rates apply*

Lines open 8am-7pm Monday to Saturday and 10am-4pm Sunday.

*Calls to Bush enquiry lines may attract a charge and set up fee from residential lines depending on your call plan/tariff. Mobile and other providers costs may vary, see www.bt.com/pricing for details.

For security and training purposes, telephone calls to and from customer service centres may be recorded and monitored. Calls from Republic of Ireland will attract international call charges.

section of these instructions, or online at www.bush-support.com If you still require further assistance, call one of our experts on 0345 604 0105

Product support

Help is always at hand

BUSH

Call us now and register your 12-month guarantee

Thank you for choosing Bush. Your new product is guaranteed against faults and breakdowns for 12 months. Don't forget to register it with us today so we can provide you with our best possible after-sales service and useful updates.

www.bushregistration.co.uk

FREEPHONE*

0800 597 8548

Lines are open 8am - 8pm, 365 days a year. *Calls may be recorded and monitored.

Your Bush Guarantee

This product is guaranteed for twelve months from the date of original purchase. Any defect that arises due to faulty materials or workmanship will be repaired free of charge (or if applicable the product will be replaced or the purchase price refunded) where possible during this period by the dealer from whom you purchased the unit.

The guarantee is subject to the following provisions:

- The guarantee does not cover accidental damage, misuse, cabinet parts, knobs or consumable items.
- The product must be correctly installed and operated in accordance with the instructions contained in the manual.
- It must be used solely for domestic purposes. The guarantee will be rendered invalid if the product is re-sold or has been damaged by inexpert repair.
- Specifications are subject to change without notice.
- Bush disclaim any liability for loss or damage arising from the breakdown of the product.
- This guarantee is in addition to and does not diminish your statutory or legal rights.

Important Data Protection Information

To find out how we and Domestic & General Insurance Plc use your data please refer to the guarantee registration material or visit www.bushregistrations.co.uk

Guarantor: Argos Limited, London, EC1M 6HA UK. Argos (N.I.) Ltd, Forestside Shopping Centre, Upper Galwally, Belfast, BT8 6FX, UK.

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