

LOBACT 10 SERIES IONISER



INSTALLATION, OPERATION & MAINTENANCE

ODOUR & BACTERIA CONTROL UNIT



**Kitchen
Flow
Solutions**

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LoBact 10

LoBact Air air purifiers utilise advanced air cleaning technology developed by the University of Manchester, UK. Unlike most products in the marketplace which simply mask the problem, LoBact air purifiers act by effectively reducing odours and destroying microbes in the air, helping to dramatically improve air quality, leaving your environment smelling fresh and clean.

Before you start to enjoy the benefits of your LoBact Air air purifier product, please read this manual carefully and in particular the Safety Precautions section. Once you have read the information, please keep this manual safe for future reference.

If you have any questions, please do not hesitate to contact us we will be only too happy to help,

Thank you,

The LoBact Air Team



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Section 1: Safety Instructions & Warnings

The manufacturer does not accept any liability for the damage to the product or personal injury caused by non-observance of the safety instructions in this manual, or by negligence during installations, use or maintenance.

Everyone working on or with the product must be familiar with the contents of this manual.

Always keep the manual with the product.

The user of the product is fully responsible for observing local safety instructions and regulations.

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1.1 General Safety Precautions

The unit is intended for commercial use only.

This air cleaner is built to CE standards and must be operated in strict accordance to this manual.

This air cleaner is designed for indoor installation only and must be protected from excess moisture.

Do not install in explosion risk areas.

Always ensure that good access is provided for system maintenance

Do not remove cover

Do not place the unit, plug or mains cable in direct contact with any liquids

As with any electrical equipment, do not let the device be manipulated by children and always ensure adequate supervision if operated in the vicinity of children or pets.

Do not place near flammable, explosive or toxic products. Do not operate near open flames, fires or heating appliances

Do not open, or disassemble the unit other than as specified in the cleaning instructions under Care and Maintenance.

Do not touch any internal components as this may result in an electrical shock. Do not touch the fan (where installed), or insert any item through the fan grills.

Do not insert any objects into the unit as this may result in an electric shock

Do not operate with pre-filter or covers removed

Do not operate if mains cable or plug is damaged

Do not operate if unit malfunctions

Do not operate if unit has been dropped or is damaged. If the plug or mains cable are damaged or require replacement this must be undertaken by your Plasma Clean representative or a similarly qualified individual

1.2 Working Safely with Ozone

⚠ Exposure limit value: 0.1PPM (V/V) 8 hour weighted average according to EH 38 (UK)

⚠ Ozone is an irritant and a powerful oxidising agent

⚠ Ozone has a half-life of around 20 minutes

⚠ In an emergency use an activated carbon filter breathing mask to gain access to the area

The UK Health and Safety Executive (HSE) have issued Health and Safety Guidelines concerning ozone:

EH38 'Ozone: health hazards and precautionary measures'
EH40 'Occupational Exposure Limits'

A Materials Safety Data Sheet is available from Plasma Clean on request.

1.3 Technical Information

Description:	LoBact
Type:	10 series AMB 100
Model:	230V 1PH
Mains voltage:	50Hz
Frequency:	40W
Power rating:	0.3A
Current:	300 X 100 X 302 4
Size (mm) HxDxL	2
Weight (kg)	
Power Chord (m)	
Operating Temperature Range (°C)	-5 to +40
Humidity RH%	35-85

Section 2: Installation

2.1 Preparation for Installation

Always keep in a vertical position

Mount on a stable vertical surface, allowing sufficient air circulation

Leave at least 2m of space from televisions and radios to prevent electrical interference

Do not obstruct the inlet or outlet of the unit with fabrics or furniture. This will cause overheating and affect efficiency of operation.

Do not allow the ioniser to blow directly into the face of humans or animals

Install above head height. Recommended installation height is 2.1m-3m.

Keep out of reach of children and animals

⚠ Do not remove the system cover as it will invalidate the warranty

⚠ Before installation make sure that the unit is not damaged. Ensure that your electrical supply matches that of the unit and observe all building and electrical codes before proceeding.

The unit should be mounted in a vertical position at a height where easy access for maintenance can be achieved. The unit is designed for wall mounting and care should be taken that the wall has sufficient load bearing capacity.

The unit should be located:

- On a stable wall surface as high up as possible
- Close to the source of the odour or other impurity

It is important that:

- Air holes must not be blocked
- It must not blow directly into the face of humans or animals

For maximum benefits, the LoBact unit may be placed close to a ventilation fan or incoming air to enable maximum dispersion within the room area.

2.2 Wall Mounting

Using suitable wall screws and wall plugs (supplied) mount the unit upright onto a suitable load bearing vertical surface using the keyhole mounting holes on the back of the unit.

Check that the unit position complies with the guidance provided under Preparation for Installation in this section.

2.3 Electrical Connection

Connect the power cable (supplied) to the IEC inlet socket (where fitted) on the unit and connect to mains electricity. Press the illuminated switch to activate the unit.

⚠ The LED found on the outlet side of the unit is associated with the internal timer control (where fitted). This LED will flash continuously when the unit is in operation.

Section 3: User Operation, Maintenance & Service

3.1 Operation

Press the illuminated switch to activate the unit.

3.2 Care and Maintenance

It is recommended to clean the unit on a weekly basis.

Disconnect from the mains and use a dry cloth to wipe its outer surface

For stubborn dirt use a soft cloth, dampened with water, taking care not to allow any water to drip inside the unit

Ensure that unit is dry then reconnect plug to the mains

Do not attempt to open the unit and clean inside

Do not use furniture polish, detergents, solvents, bleaches or any liquid sprays to clean the unit

3.2 Care and Maintenance

Please recycle where facilities exist. Electrical products should not be disposed of with normal household waste

LoBact operates a WEEE compliance scheme and electrical products can be returned to the following address for disposal: Kitchen Flow Solutions Limited, 75 Fox Hollies Road, Jasmine House, SUTTON COLDFIELD, B76 2RN.

Section 4 Contact Information

⚠ Please contact Kitchen Flow Solutions if you have a problem with your unit



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WARRANTY

Bullshift Sales Limited (who is called "LoBact Air" in this warranty) warrants that, for the warranty period set out in paragraph 2 below, the enclosed Product will be free from defects in material and workmanship, and agrees that it will, at its sole discretion, either repair or replace any defective Product subject to the following terms and conditions:

1. This limited warranty extends only to you, the customer, as the end-user of the Product. You may have additional rights under applicable law. This limited warranty does not affect such rights.
2. The warranty period is 12 (twelve) months from the date on which you purchased the Product. You are required to register the product to validate the warranty. If you do not register your product, it will invalidate your warranty and will only be covered against defect at the discretion of the manufacturer for a period not exceeding 12 months from date first supplied by the manufacturer. You must notify your reseller, dealer or Kitchen flow Solutions Limited (or its authorised service company) of any defects as soon as possible after you have become aware of them. Please be aware that claims made 12 months after the purchase date will not be valid.
3. This limited warranty is valid and enforceable in the countries of the European Union.
4. This limited warranty does not cover general cleaning and maintenance, nor does it cover the performance or costs of any modification or adjustments which may be necessary to adapt the Product to meet any local technical or safety standards which are applicable in the country in which the Product is intended to be operated.
5. This limited warranty shall not apply in respect of the following:
 - Any deterioration due to normal wear and tear including all surfaces and all other externally exposed parts that are scratched or damaged due to normal customer use.
 - defects caused by the Product being subjected to any of the following: use in contradiction with the user guide, rough handling, exposure to moisture, dampness or extreme thermal or environmental conditions or rapid changes in such conditions, corrosion, oxidation, unauthorised modifications or connections, unauthorised opening or repair, use of unauthorised spare parts, misuse, improper installation, accident due to forces of nature, spillage of food or liquid, influence from chemical products or other acts beyond Kitchen Flow Solution's reasonable control unless the defect was caused directly by defects in materials or workmanship.
 - any products that have not been adequately maintained.
 - products in respect of which the product serial number (or equivalent) has been removed, erased, defaced, altered or made illegible.
 - defects caused by employing the Product to other than its intended use.
 - defects caused by a non-LoBact product being connected or used in conjunction with the Product.
 - products rented on a periodical basis.
6. All defective parts or Products, which have been replaced by Kitchen Flow Solutions (or its authorised representative) during the warranty period, shall become the property of Kitchen Flow Solution.
7. A repaired or replaced Product(s) will be warranted for the balance of the original warranty period or for ninety days from the date of repair or replacement, whichever is the longer.
8. You are requested to keep your original proof of purchase, such as the receipt. You will need it to prove the date of purchase in respect of any warranty claims.
9. To make a claim pursuant to this limited warranty, please:
 - contact the retailer or dealer from whom you purchased the Product; or, call warranty service on the number at the bottom of this document given to you in respect of the Product, which may include the method of returning the Product to your reseller or dealer or to Kitchen Flow Solution (or its authorised representative) for repair or replacement; and
 - if requested, send to Kitchen Flow Solution, or present to the reseller or dealer from whom you purchased the Product either a legible and non-modified original warranty card which clearly indicates the name and address of the retailer or dealer from whom you purchased the Product, the date and place of purchase, the product type and the serial number (or equivalent) or a legible and non-modified original purchase receipt containing the same information.
10. In the event of a return or repair, please ensure that the unit is well protected preferably inside its original packaging to prevent further damage.
11. You may be required to pay the cost of returning any defective Product to Kitchen Flow Solution, or the reseller or dealer from whom you purchased the Product. However, Kitchen Flow Solution will pay the cost of delivering any repaired or replaced Product back to you provided that the warranty is valid.

This limited warranty is granted to you by Kitchen Flow Solution Limited



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