



ORIGINAL INSTRUCTIONS

**CAUTION – READ THESE INSTRUCTIONS BEFORE USING
THE MACHINE**

Upright Battery Vacuum

Commercial Vacuum Cleaner



USER MANUAL

EN

IMPORTANT
BEFORE USE READ THESE INSTRUCTIONS AND RETAIN FOR FUTURE REFERENCE

INTRODUCTION

The following instructions contain important information about the machine and safety advice for the operator. Equipment must be operated, serviced and maintained in accordance with the manufacturer's instructions. If in doubt contact the supplier of your machine.



READ ALL INSTRUCTIONS BEFORE USING THE MACHINE

PRODUCT INFORMATION

This vacuum cleaner is designed for the collection of dust. This machine is for indoor use only. The machine is intended for commercial use, for example in hotels, schools, hospitals, factories, shops, offices, rental businesses and other than normal housekeeping purposes.

TECHNICAL SPECIFICATIONS

Model		Battery Upright Vacuum
Product Code		UBV
Voltage AC (~)/ Frequency	V/Hz	100-240 / 50/60
Battery Voltage DC	V	43.8
Battery Details	Ah	6.0
Construction Class		II (Charger)
Vacuum Motor Power	W	312
Filtration		H13 media bag
Run Time	mins	50
Charge Time	hrs	2.5
Airflow Rate	l/s	26
Vacuum / Water lift	kPa / mmwg	12 / 1223
Capacity	litres	7
Productivity Rate	m ² /h	265
Brush width	cm	29
Brush speed	rpm	3000
Sound pressure level	dB(A)	71
Dimensions (L x W x H)	cm	32 x 27 x 103
Weight	kg	5.5
Warranty		1 year subject to conditions

- Above dimensions are approx. Since the company's policy is to continuously improve the product, there could be changes without prior notice.
- Noise levels measured at a distance of 1 metre from machine and 1.6 metres above floor, when operating on a hard floor. Measurements recorded using a hand held meter.
- Handle vibration does not exceed 2.5 m/s² when operating on a smooth floor surface.

WASTE ELECTRICAL & ELECTRONIC EQUIPMENT (WEEE)



DO NOT dispose of this device with unsorted waste. Improper disposal may be harmful to the environment and human health. Please refer to your local waste authority for information on return and collection systems in your area.

EC Declaration of Conformity

Machine Type: Commercial vacuum cleaner

Model: VBUI/ICE...

This machine is in conformity with the following EU directives:

- Machinery Directive 2006/42/EC
- The EMC Directive 2014/30/EU

Applied harmonised standards:

BS/EN60335-1, BS/EN60335-2-69, BS/EN55014-1, BS/EN55014-2, , BS/EN61000-3-2, BS/EN61000-3-3, BS/EN62233

Industrial Cleaning Equipment Ltd
Sauber House, Unit 3,
Rushington Business Park
Chapel Lane, Totton,
Hampshire, SO40 9AH

Mark Bresnihan
CEO
Southampton, 06/02/2023

IMPORTANT SAFETY ADVICE

The safety information described in this manual provides basic precautions and supplements standards in force in the country where the machine is used.



This symbol warns the operator of hazards and unsafe practices which could result in severe personal injury or death.



WARNING – to reduce the risk of injury, electric shock or fire.

1. This machine must only be used for the manufacturer's approved application as described in this manual.
2. The machine must be unpacked and assembled in accordance with these instructions before connecting to the electrical supply.
3. Only genuine accessories and spare parts provided with the machine or those approved by the manufacturer should be used. The use of other accessories may impair the safety of the machine. All repairs must be performed by a qualified service agent.
4. **DO NOT** modify the machine from its original design.
5. Operators must be fully trained in the use of the machine in accordance with these instructions, able to perform regular user maintenance and the correct selection of accessories.
6. Operators should be physically capable to manoeuvre, transport and operate the machine.
7. Operators should be able to recognise unusual operation of the machine and report any problems.
8. This machine is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the machine by a person responsible for their safety.
9. Keep children and unauthorised persons away from the machine when in use. **DO NOT** use as a toy.
10. **DO NOT** use if it has been damaged, left outdoors or dropped in water.

11. **DO NOT** use where hazardous dust is present.
12. **DO NOT** use in an explosive atmosphere.
13. **DO NOT** pick up or use near flammable or combustible fluids, hazardous dusts or vapours.
14. **CAUTION** - If it is suspected that there is hazardous dust or flammable/corrosive material, stop cleaning the area immediately and consult your superior.
15. **DO NOT** use to clean up any burning or lighted materials such as cigarettes, matches, ashes or other combustible objects.
16. Only use the machine on firm level surfaces. **DO NOT** use on a gradient or slope of more than 2%.
17. **DO NOT** use on rough uneven surfaces e.g. industrial or coarse concrete surfaces.
18. **DO NOT** use outdoors e.g. on patios, decks or rough surfaces.
19. **CAUTION** - This machine is for dry indoor use only and should not be used or stored outdoors in wet conditions.
20. Take care when using a machine near the top of stairs to avoid overbalancing.
21. **DO NOT** cover the machine when in use.
22. **DO NOT** use without filters or dust bags in place.
23. **IMPORTANT** - The filter must be dry before refitting.
24. **DO NOT** leave machine running unattended.
25. **DO NOT** use to pick up moisture or any liquids.
26. Keep hair, loose clothing, hands, feet and all other parts of the body away from openings and moving parts.
27. **DO NOT** put any object into openings. **DO NOT** use with any opening blocked; keep free of dust, debris and anything that may reduce airflow.
28. **DO NOT** operate the machine if it malfunctions or is damaged in any way. Contact an authorised service agent for repair or adjustments.
29. **DO NOT** leave the machine connected to the electricity supply when not in use, always remove the plug from the socket-outlet.
30. **DO NOT** use the appliance to vacuum tiny particles like cement or plaster dust as this will shorten life of the motor.



CAUTION - Risk of electric shock

31. **DO NOT** operate the machine with a damaged charger power cord or plug, or after the machine malfunctions or is damaged in any way. Contact an authorised Service Agent for repair or adjustment.
32. The machine must be kept clean and in good condition with regular inspections of the charger power cord and plug for signs of any damage. If any parts are damaged they shall only be replaced by an approved part by the manufacturer, its service agent or a similar qualified person in order to avoid a hazard.
33. When unplugging, pull the plug, not the charger power cord.
34. **WARNING:** Keep the charger power cord clear of moving parts.
35. **DO NOT** kink or twist the power cord and keep cord away from heated surfaces.
36. Switch off the machine before removing the plug.
37. **DO NOT** operate switches or touch the mains plug with wet hands as this may cause electric shock.
38. This machine should always be connected to a fully earthed power supply of the right voltage and frequency.

39. **DO NOT** pull or carry by the charger power cord. **DO NOT** use cord as a handle, close door on cord or pull cord around sharp edges or corners.
40. The machine shall be disconnected from its power source when not in use and before commencing cleaning of the machine or maintenance and when replacing parts or accessories, by removing the plug from the socket-outlet.
41. Unless charging, the plug of the charger power cord must be removed from the socket-outlet when not in use and before commencing cleaning of the machine or undertaking maintenance operations.
42. Opportunity / top up charging may damage the batteries. This may cause the run time to fall and overall battery life to be affected. **AVOID TOP UP CHARGING.**

SAFE DISPOSAL OF BATTERIES

- The batteries must be neutralised through an approved secondary treatment facility prior to disposal as waste.
- The battery can be recycled at an authorised facility, through a licensed waste carrier.

TRANSPORTING THE MACHINE

- Take extreme care when moving the machine up or down steps or stairs.
- Incorrect lifting techniques may result in personal injury. We advise that the manual handling regulations are followed.
- Carefully wrap the charger power cord and store in dry indoor location.
- **DO NOT** expose the machine to rain or moisture.
- When transporting the machine ensure that all components, tanks and removable parts are securely fastened, and that the charger power cord and plug are not trailing.

STORAGE

- Always switch off the machine after use.
- Always empty, wipe down and dry the machine after use.
- Store the machine in a dry indoor area only.

MAINTENANCE



WARNING - Before undertaking maintenance operations or adjustments switch off machine, and remove the battery.

IMPORTANT – All other servicing and repairs should only be performed by an ICE engineer or Authorised Service Agent.

IMPORTANT – Should the machine fail to operate please refer to the fault diagnosis section in the back of this instruction manual. If the problem / remedy is not listed, please contact ICE Customer Service Department for rapid attention.

The machine requires minimum maintenance apart from the following checks by the operator prior to use:

- Body of the machine - Clean with a damp cloth.
- Charger power cord - Regularly inspect sheath, plug and cord anchorage for damage or loose connection.
- Air vents - Check for dust accumulation around the air inlet and outlet vents of the motor cooling-air system and clean if necessary. Blocked vents will cause the motor to overheat and may lead to premature failure. Warranty claims for this type of damage will not be accepted.

- Vacuum filter – Check the vacuum filter is clean and replace as appropriate.
- Vacuum head – Check and remove any debris or lint build-up from the head.

AFTER SALES SERVICE

ICE machines are high quality machines that have been tested for safety by authorised technicians. It is always apparent that after longer working periods, electrical and mechanical components will show signs of wear and tear or ageing. To maintain operational safety and reliability the following service interval has been defined: Every year or after 250 hours. Under extreme or specialised conditions and/or insufficient maintenance, shorter maintenance intervals are necessary. Use only original manufacturer spare parts. Use of other spare parts will invalidate all warranty and liability claims. Should you require after sales service please contact the supplier from whom you purchased the machine, who will arrange service. Repairs and servicing of ICE products should only be performed by trained staff. Improper repairs can cause considerable danger to the user.

GUARANTEE

Your product is guaranteed for one year from the date of original purchase, or hire purchase, against defects in materials or workmanship during manufacture. Within the guarantee period we undertake at our discretion, to repair or replace free of charge to the purchaser, any part found to be defective, subject to the following conditions:

CONDITIONS

1. Claims made under the terms of the guarantee must be supported by the original invoice/bill of sale issued at the time of sale, or the machine Serial No.
2. For claims under this guarantee contact the supplier from whom you purchased the product who will arrange the appropriate action. Do not initially return the product as this could result in transit damage.
3. Neither ICE nor its distributor shall be liable for any incidental or consequential loss.
4. This guarantee is governed by the laws of England.
5. This guarantee does not cover any of the following:
 - Periodic maintenance, and repair or replacement of parts due to normal wear and tear.
 - Damage caused by accident, misuse or neglect, or the fitting of other than genuine manufacturer parts.
 - Defects in other than genuine manufacturer parts, or repairs, modifications or adjustments performed by other than an ICE service engineer or authorised service agent.
 - Costs and risks of transport relating directly or indirectly to the guarantee of this product.
 - Consumable items such as power cords, brushes, drive discs, filters, belts, vacuum skirts and other similar items.

This guarantee does not affect your statutory rights, or your rights against the supplier arising from their sales or purchase contract. ICE reserves the right to alter specifications without prior notice.

RECOMMENDED SPARES & ACCESSORIES

Item	Part No.
HEPA Media vacuum bags	05-4741-0000
Vacuum belt Pack of 2	D014-0814
Battery	C223-1800C-D
Charger including UK & EURO cables	C223-2400

FAULT DIAGNOSIS

The following simple checks may be performed by the operator. If the machine is still not working, please contact your local Service Agent:

Trouble	Reason	Remedy
Machine not working and the battery is fully charged	<ul style="list-style-type: none"> • Battery not connected • Current overload fuse blown* • Broken switch 	<ul style="list-style-type: none"> • Connect battery • Wait 30 minutes to allow the motor temperature to reach room temperature. Then try again. • Contact service agent
Only red LED on charger module is illuminated	<ul style="list-style-type: none"> • Battery low voltage 	<ul style="list-style-type: none"> • Charge the battery for 2.5 hours and then try again.
No LED Display	<ul style="list-style-type: none"> • Battery low voltage • Battery fault 	<ul style="list-style-type: none"> • Charge the battery for 2.5 hours and then try again. • Contact service agent
Battery pack is not charging	<ul style="list-style-type: none"> • Lack of voltage/electrical supply 	<ul style="list-style-type: none"> • Contact service agent
Loss of vacuum suction	<ul style="list-style-type: none"> • Dust bag full • Motor is not running • Filter restricted 	<ul style="list-style-type: none"> • Replace bag • Contact service agent • Remove filter and clean
Dust escaping from vacuum	<ul style="list-style-type: none"> • Vacuum bag not installed correctly 	<ul style="list-style-type: none"> • Install bag properly

* If the fuse blows several times, the machine should be checked by an authorised Service Agent.

PLEASE REFER TO THE BACK OF THE MANUAL FOR PICTORIAL INSTRUCTIONS







