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**USER AND MAINTENANCE MANUAL**  
**VACUUM IU33 LONGOPAC<sup>®</sup>**  
**INDUSTRIAL VACUUM CLEANER LONGOPAC<sup>®</sup>**



VACUUM IU33 LONGOPAC<sup>®</sup>

ASP103714

## CONTENT TABLE

1- SAFETY	INSTRUCTIONS	.....	3
2- SPECIFICATIONS		.....	9
2.1-	Technical Data	.....	9
2.2-	Contents	.....	10
3- VACUUM CLEANER	OPERATION	.....	11
3.1-	Operating Instructions and Controls	.....	11
3.2-	Replacing the Main Filter	.....	12
3.3-	Replacing the Secondary Filter	.....	13
3.4-	Manual Filter Cleaning System	.....	14
3.5-	Using the Collection Bag	.....	15
3.6-	Accessories	.....	17
4- MAINTENANCE - CLEANING - REPAIRS		.....	18
5- WARRANTY		.....	19
6- CE CONFORMITY		.....	20
7- DIAGRAMS		.....	21

# 1- SAFETY INSTRUCTIONS

## Operator Safety

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This manual must be read and understood by all authorized personnel before operating the machine.

The purpose of this manual is to inform operators about proper use and essential criteria to ensure:

- Operator safety
- Correct machine operation
- Optimal performance

Before using the vacuum cleaner, operators must be trained and informed about its operation, the substances it will handle, and proper disposal methods.

Noting the importance of these informations, it is recommended to

- Keep these instructions accessible and dry



The machine is not intended for use by children or by persons with reduced physical, sensory, or mental capabilities, or by those lacking experience or knowledge. Children must be supervised to ensure they do not play with the appliance.

Recommendations Before Use :

- Inspect the vacuum for damage before use.
- Do not use the unit if any visible fault is present.
- Check that the switch is in good condition.
- Wear appropriate protective clothing.
- Keep loose or torn clothing away from the suction inlet.
- Ensure all filters are in place and functional.
- Follow workplace safety regulations.
- Never perform repairs without the manufacturer's authorization.
- Avoid using benzene or solvents as cleaning agents.
- Do not move the machine by pulling the power cable or hose.
- Never aim the suction hose toward people or animals.
- Protect the unit from bad weather.
- Verify that the mains voltage matches the plate label.

- Check that the power cable shows no signs of abrasion or damage; if replacement is necessary, the new cable must have the same technical characteristics as the original. Non-approved cables or those with a smaller cross-section can overheat and cause serious harm to the operator.
- Ensure that the electrical installation to which the machine is connected is suitable and efficient (in particular, verify the presence of a functional grounding system).
- All maintenance operations must be carried out only by authorized personnel and with the machine unplugged from the power outlet.
- Unauthorized personnel are strictly prohibited from using the vacuum cleaner.
- Check that all safety devices are in proper working condition.
- Do not cover the vacuum cleaner during operation.



During maintenance or cleaning operations, the operator may come into contact—while the machine is switched off—with parts of the suction unit that have a high surface temperature.

It is strictly forbidden to:

- Use the machine with blocked air outlets.
- Operate without the manufacturer's supplied filter unit.
- Modify or use non-original components.
- Block cooling air intakes.
- Vacuum lit cigarette butts or explosive/inflammable dusts or liquids.
- Use in environments with explosive gases or toxic vapors.
- Use of the vacuum cleaner is strictly prohibited in environments saturated with explosive gases or toxic chemical vapors.
- Vacuum toxic substances without first verifying the compatibility of the cartridge filters.
- Touch electrical components without first disconnecting the machine from the power supply.
- Modify the vacuum cleaner in any way.
- Use the appliance in any manner inconsistent with the instructions in this manual.
- Vacuum corrosive gases, vapors, or liquids.
- Leave liquids or dust inside the container without first emptying it and drying the filter before storage.

### Intended use

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This machine is designed for commercial use, such as in hotels, schools, hospitals, factories, stores, offices, or rental services, and for any application other than typical domestic use.

It is suitable for cleaning operations and for collecting solid or liquid materials, both indoors and outdoors.

## General information

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The use of this machine is subject to applicable national regulations.

Avoid carrying out any operation that could compromise the safety of persons, property, or the environment.

Follow all information and safety instructions contained in this manual.

Any variation in frequency and/or power supply requires authorization from the user.

The manufacturer reserves the right to modify production and the corresponding manuals without prior notice, within the limits of the law.

The images in this manual are provided for reference only and are not contractually binding.

## List of Symbols

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### SYMBOLS AND PICTOGRAMS PRESENT IN THE MANUAL



Warning symbol – General hazard:

Read carefully all sections preceded by this symbol, and strictly follow the given instructions to ensure the safety of the operator and the equipment.



Open book symbol:

Before starting the machine, please read the instruction manual carefully.



Warning symbol - Hand crush hazard

Indicates a risk of hand injury due to crushing.

### SYMBOLS AND PICTOGRAMS DISPLAYED ON THE MACHINE



High voltage symbol:

Risk of electric shock when accessing electrical components during maintenance without first disconnecting the power supply. Applies to the suction unit.



High temperature symbol:

Caution – hot surface. Indicates a potential burn hazard, usually related to the motor or turbine of the suction unit.



Explosion protection marking symbol:

Specific marking indicating conformity with explosion protection standards.

## Electrical Connection Check

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Connect the industrial plug to the power cable, then plug it into a socket with the same amperage rating, protected by a main circuit breaker.

For three-phase vacuum cleaners, it is necessary to check the correct rotation direction of the motor (clockwise) before use, as indicated by the arrow on the turbine housing.

If the motor rotates in the opposite direction, disconnect the machine, swap two of the phase wires inside the plug, and repeat the procedure.



Always make sure, before putting the machine into service, that no impact or damage sustained during transport has compromised the functionality of the components mentioned above.

## Extension cable use

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If you use an extension cable, ensure that its cross-sectional area is suitable for the current drawn by the machine and for the protection rating indicated on the machine's nameplate.

## Démarrage quotidien

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- Visually check the condition of the power cable — it must not be damaged, crushed, or torn.
- Verify the integrity and proper operation of the electrical controls (switches).
- Empty the main collection bag.
- Check the condition of the suction hose.
- Ensure the vacuum unit is correctly positioned on the filter chamber and that the chamber itself is properly seated on the main frame.
- Check the functioning of the automatic filter cleaning system, if equipped.
- If the vacuum cleaner has been moved, make sure the supply voltage matches the one indicated on the machine's nameplate.

## Every 200 Hours of Operation

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Check the condition of the main filter:

- It must not show any holes or tears.
- It must not display significant wear that could affect filtration efficiency.
- In this case, replace it (see the INDEX).
- It must not be clogged.
- If it is, check the proper functioning of the automatic filter cleaning system.
- Check the integrity and legibility of the nameplate; if damaged or unreadable, replace it immediately through the manufacturer.

## Performance Tolerances

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The performance of the turbine and motors may vary by  $\pm 15\%$ , depending on air temperature and humidity.

The safety valves are adjusted according to the electrical current intensity of the turbine.

## Troubleshooting / Fault Resolution

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Here is how to resolve potential issues or malfunctions yourself:

The motors do not start:

1. No electrical power.
2. Check the cable, plug, fuse, and socket.

Reduced suction power:

1. Filter, nozzle, or flexible/rigid hose blocked.
2. Check and clean all accessories. Clean the filter.

Dust emission during suction:

1. Filter improperly fitted or defective.
2. Check the filter installation or replace it.

## After Sales

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This product was designed and manufactured in France by our technicians, with the aim of allowing you to work under the best possible conditions.

Despite all the care taken in the production of your vacuum cleaner, a malfunction may still occur. Please inform us immediately so that we can resolve the issue as quickly as possible.

**AFTER SALES SERVICE : +334 77 60 60 74 - sav@sept-tools.fr**

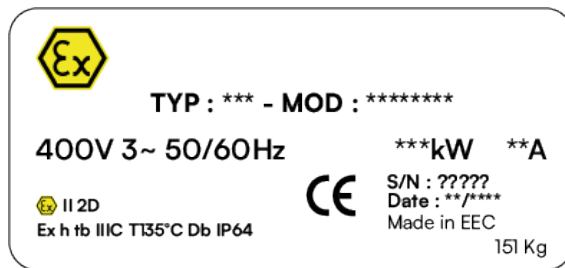
## Nameplate

Each unit is fitted with a nameplate containing essential information required by the dealer or manufacturer to provide advice, technical guidance, or spare parts.

The technical data shown on this plate include:

- Manufacturer's name
- Machine model
- Serial number
- Supply voltage and frequency
- Rated power
- CE marking (Machinery Directive 2006/42/CE)
- ATEX usage zone, if applicable

The nameplate is affixed either on the control panel or near the power cable.



## Testing

Each unit is tested prior to packaging and shipment to verify the functionality and efficiency of all its components.

Electrical safety tests are carried out in accordance with current standards and include the following:

- Earth continuity test
- Dielectric strength test
- Test de rigidité diélectrique
- Measurement of leakage currents
- Measurement of absorbed power and current (acceptable tolerance:  $\pm 10\%$  of nominal value)
- Measurement of maximum pressure and airflow values (tolerance:  $\pm 15\%$ , depending on ambient temperature and humidity)
- Measurement of maximum airflow rate

## 2- SPECIFICATIONS

### 2.1- Technical data

SPECIFICATIONS	IU33 LONGOPAC®
Certification	CE
Motor Type	1 DIRECT
Power	1 100 W
Voltage	230 V
Frequency	50 / 60 Hz
Max Depression	250 mBar
Current	4,8 A
Air Flow	200 m <sup>3</sup> /h
Protection Index	IPX4
Filter Cleaning	Manual, reverse airflow
Filter Class	HEPA
Filter Surface	10 000 cm <sup>2</sup>
HEPA Surface	11 200 cm <sup>2</sup>
Collection system	Longopac® 22m
Tank Diameter	330 mm
Inlet Diameter	50 mm
Sound Pressure level	78 dB
<b>DIMENSIONS</b>	
Length	48 cm
Width	44 cm
Height	104 cm
Weight	25 kg

## 2.2- Contents

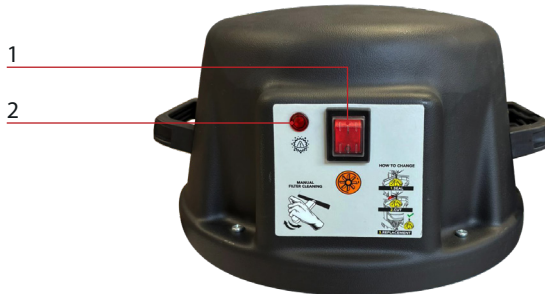
Unpack the package and check that the delivery is complete.

The delivered package includes:



## 3- VACUUM CLEANER OPERATION

### 3.1- Controls



#### 1. ON-OFF ASPIRATION

0 - OFF

1 - ON

#### 2. Indicator Light

Lights up when the filter is clogged.

If it stays on :

- Check suction ducts
- Check filters and replace if needed

### 3.2- Change of primary filter



The replacement of filters must be carried out only by authorized personnel.  
Any unauthorized intervention and/or modification of the filtration system may compromise safety.  
In the event of unauthorized intervention, the manufacturer declines all responsibility.



1. Detach and lift the head (A)
2. Remove the filter (B)
3. Replace the filter with a model compatible with the vacuum cleaner in use
4. Insert the new filter
5. Reattach the head

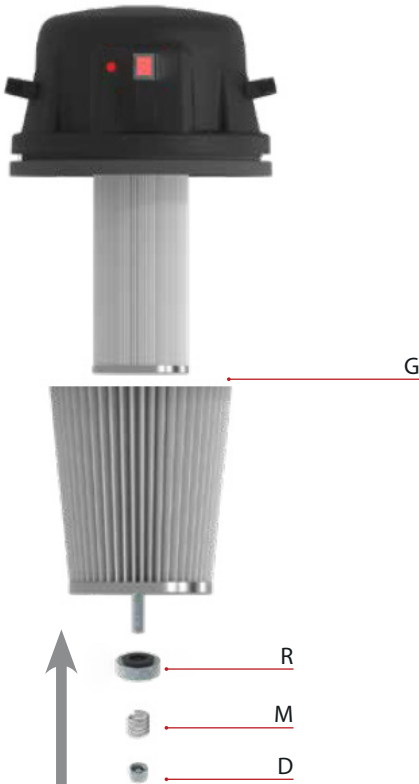


Dispose of the filters and any other materials in accordance with applicable legislation.

### 3.3- Change of Secondary filter



The replacement of filters must be carried out only by authorized personnel.  
Any unauthorized intervention and/or modification of the filtration system may compromise safety.  
In the event of unauthorized intervention, the manufacturer declines all responsibility.



1. Detach and lift the top head.
2. Unscrew the nut and remove the spring and washer.
3. Handle carefully, using a protective bag to remove the filter, then dispose of the bag properly.
4. Replace the filter with a model compatible with the vacuum cleaner in use.
5. If necessary, carefully clean the collector where the new filter will be installed.
6. Check the integrity of the filter (F) and the presence of the gasket (G).
7. Insert the new filter and position the following elements:
  - Washer (R) with the rubber side facing the bottom of the filter
  - Spring (M)
  - Self-locking nut (D)
8. Reposition and secure the head onto the filter chamber.

### 3.4 – USE OF THE MANUAL CLEANING SYSTEM FOR THE MAIN FILTER

For effective cleaning, the vacuum cleaner must be running.



This cleaning operation applies only to the main filter.

This procedure should be performed only when vacuuming non-hazardous dust.

1. Close the suction inlet to stop the flow of incoming air.
2. Locate the handle (A) positioned on the top cover of the vacuum cleaner (see diagram).
3. Move the handle quickly from right to left to shake the filter and dislodge accumulated dust.
4. Repeat the operation if necessary.



### 3.5- Use of the Collection Bag

Dust and particles are collected in a bag located inside the container below the hopper.

This system, known as LONGOPAC®, consists of a 20-meter plastic tube, allowing the creation of approximately 20 to 30 individual bags, depending on the material's weight and size.

Once the bag is full or damaged, the tube must be replaced with a new cartridge.

All of the following operations must be carried out with the machine switched off:



1. Close the bag using two spaced tightening clips.



2. Cut off the bag end between the two clips.



3. Pull down the LONGOPAC® tube to form a new bag.



The collected materials may present a hazard to both the environment and human health



The collected materials may present a hazard to both the environment and human health



1. Remove the strap.



2. Remove the LONGOPAC® holder along with any remaining portion of the previous bag.



3. Insert the new LONGOPAC® tube, with the inner side facing upward.

4. Cut and remove the closing clips from the previous LONGOPAC®.

5. Feed the inner part of the new bag through the holder until it reaches the lower edge.

6. Pull the outer part of the bag downward to form a new collection



7. Reinstall the LONGOPAC® holder.



8. Bring the inner part of the bag up to the level of the strap, then tighten the strap around the chamber to secure it.



9. Pull down the bag and place a clamp at the end to create a new sealed bag. If necessary, use two clamps for added security.

### 3.6- Accessories

The vacuum cleaner may be supplied, depending on the client's specific needs, with a set of accessories not included in the standard configuration.

It is essential to select a suction hose and accessories suitable for the type of material or debris to be vacuumed.

Once equipped, the machine is ready for use.

Connect one end of the flexible hose to the chosen accessory, and the other end to the tangential quick-connect suction inlet mounted on the filter chamber.



## 4- MAINTENANCE, CLEANING, AND REPAIRS

### Preventive Maintenance

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A general and regular cleaning of the machine must be carried out in accordance with the guidelines of the operating company.

Similarly, the tightness and proper functioning of the screws, nuts, and other fastening elements of the vacuum cleaner and its accessories must be checked regularly.

### Corrective Maintenance

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Any intervention by the user on the machine during the warranty period is strictly prohibited, unless expressly authorized by our company.

After the warranty period, corrective maintenance operations can still be performed with the support of our After-Sales Service.

### General Cleaning

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Clean the vacuum cleaner and its equipment regularly.

Do not immerse the appliance in water during cleaning.

### Repairs

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Repairs must be carried out only by an IETS-approved service center.



This vacuum cleaner is certified with an H-class filter according to IEC-60335-2-69, Annex AA. It may therefore contain dust hazardous to health.

All emptying and maintenance operations, including the removal of dust collection systems, must be performed only by authorized personnel wearing appropriate personal protective equipment (PPE).

Do not operate the machine without the complete filtration system installed.

## 5 - WARRANTY

When purchasing a new machine, IETS grants a 2 year manufacturer's warranty on brushless machines and 1 year warranty on universal motors machines.

The warranty period begins on the date of sale of the machine.

The warranty covers only defects attributable to material and/or manufacturing faults, as well as the absence of guaranteed properties.

In the event of a warranty claim, please provide the original proof of purchase showing the date of purchase.

Warranty repairs may only be carried out by IETS-approved service centers.

The warranty is valid only if the machine has been used properly and in accordance with the instructions.

The warranty does not cover wear resulting from normal use and/or improper applications, machines that have been fully or partially disassembled, or damage caused by overloading the machine.

Also excluded are damages:

- Caused by the machine to the tool being used
  - Resulting from excessive force
  - Due to inadequate or unskilled maintenance by the customer or third parties
  - Caused by foreign objects such as sand or stones
- or resulting from failure to comply with the instructions in this manual (e.g. incorrect power supply voltage or current type).

Warranty claims concerning tools and/or accessories are valid only if these have been used with machines designed or authorized for such use.

### Liability Disclaimer

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The manufacturer and its representative cannot be held responsible for any damage or loss of profit resulting from worksite downtime, whether caused by the product itself or by the inability to use it.

The manufacturer and its representative shall also not be liable for any damage resulting from improper or unskilled use of the product, or from its use in combination with products from other manufacturers.

## 6- CE CONFORMITY

We hereby declare, under our sole responsibility, that this product:

IU33 LONGOPAC® Vacuum Cleaner

Serial numbers: see identification plate

is in conformity with the following directives and standards:

2006/42/EC – Machinery Directive

2014/35/EU – Low Voltage Directive

2014/30/EU – Electromagnetic Compatibility Directive

Harmonized Standards:

EN ISO 12100:2010

IEC 60335-2-69:2021

IEC 60335-1:2020

IEC 61000-3-2:2018 + A1:2020

EN IEC 61000-3-2:2019

IEC 61000-3-3:2013 + A1:2017 + A2:2021

EN 61000-3-3:2013 + A1:2019

EN IEC 55014-1:2021 / EN IEC 55014-2:2021

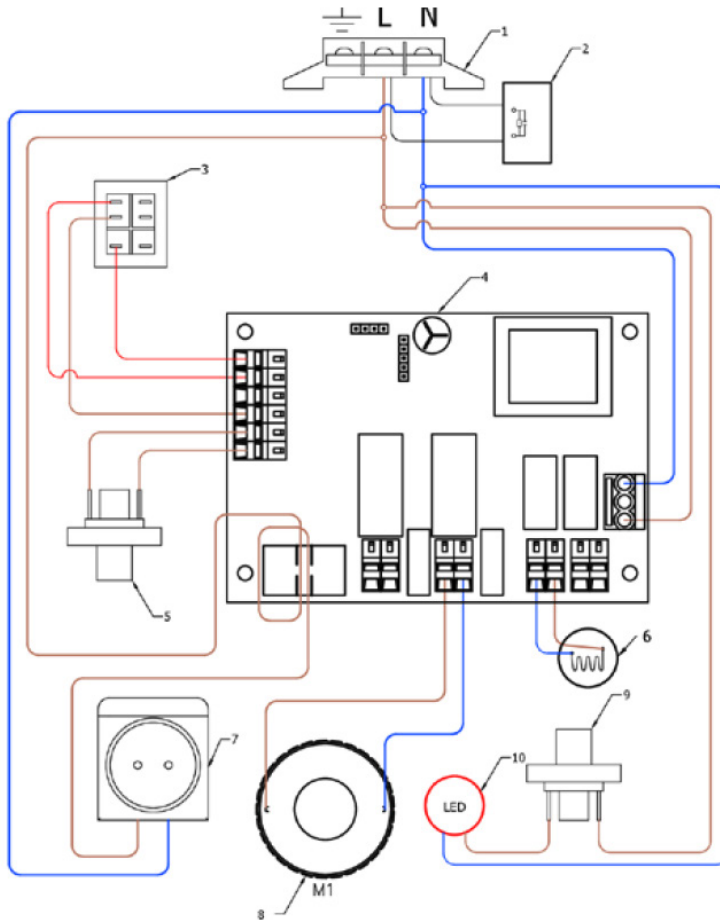
Person responsible for the technical documentation: IETS

Quality Manager: Pierre-Antoine BOTTAZZI



Saint-Romain-la-Motte, the 07/05/2025

## 7- ÉCLATÉS



- |   |  |
|---|--|
| 1. Terminal block                           | 6. Solenoid valve                                |
| 2. Noise suppressors                        | 7. Power socket for portable power tools         |
| 3. Switch (1-0-2)                           | 8. Motor   |
| 4. Electronic board                         | 9. Vacuum pressure switch (filter LED indicator) |
| 5. Vacuum pressure switch (filter cleaning) | 10. Clogged filter LED indicator light           |





Imagined, Developed and assembled in France by :



IETS  
10B Impasse Cotton  
42300, ROANNE

04 77 60 60 74  
[adv@sept-tools.fr](mailto:adv@sept-tools.fr)