



**USE
AND MAINTENANCE
MANUAL**

**INDUSTRIAL
VACUUM CLEANER
SERIES**

RAM OIL T500



This manual forms an integral part of the vacuum cleaner.
Read this manual and the other attachments supplied carefully. Knowledge of the instructions contained herein is indispensable for the safe use and maintenance of the vacuum cleaner.

rev. 0 - Dec. 2016

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1. INFORMATION SECTION

1.1 Foreword

Dear Customer

Thank you for choosing DEPURECO and a DEPURECO RAM OIL T500 series vacuum cleaner

This manual has been prepared in order for you to fully appreciate the quality of this machine.

Please read all sections before using the machine for the first time.

It includes information, recommendations and important warnings concerning the use of the vacuum, which will help fully exploit the technical properties of your machine.

Read messages, warnings and indications preceded by the following symbols carefully:



for personal safety;



for vacuum integrity;



for protecting the environment.

This vacuum was designed to suction oils, liquids, coolants, emulsions, and chips and to reissue the filtered liquids inside the machine tool. It is equipped with an electrically-driven level switch that stops the suction when the liquid level reaches the set maximum limit and an internal pump for expulsion of the vacuumed liquids.

The vacuum is mounted on robust wheels, two of which are fitted with a brake to hold the machine still while it is in operation.

This manual describes the following models:

RAM OIL T500

The vacuum cleaner is equipped with the following filters:

- ☐ **mist filter**
- ☐ **washable filter**

This manual provides you with all pieces of information necessary for the use and maintenance of your vacuum cleaner.

This specific model has undergone strict testing to ensure maximum reliability. Its operation and durability will depend on proper use and maintenance.



This manual forms an integral part of the vacuum cleaner and must accompany the machine for its entire life cycle.

In the event it is lost or damaged, you can request another copy from DEPURECO INDUSTRIAL VACUUMS S.r.l. (hereafter simply called DEPURECO).

The technical information contained in this manual is exclusive property of DEPURECO and must be considered confidential.

Reproduction, even partial, of graphics, text and illustrations is prohibited by law.

Some details shown in the figures in this manual may differ from those on your vacuum; this is because some components can be removed to ensure maximum illustration clarity.

This manual has been divided into sections for easy consultation and each section has been identified by a specific graphical symbol.

The matters dealt with in this manual are those expressly required in terms of the "Machinery Directive 2006/42/EC" and the technical data shown come from technical file closed at DEPURECO.

With reference to Regulation 1907/2006/EC (REACH), DEPURECO hereby declares that no Substances of Very High Concern (SVHC) included in the Candidate List, are contained in its products.

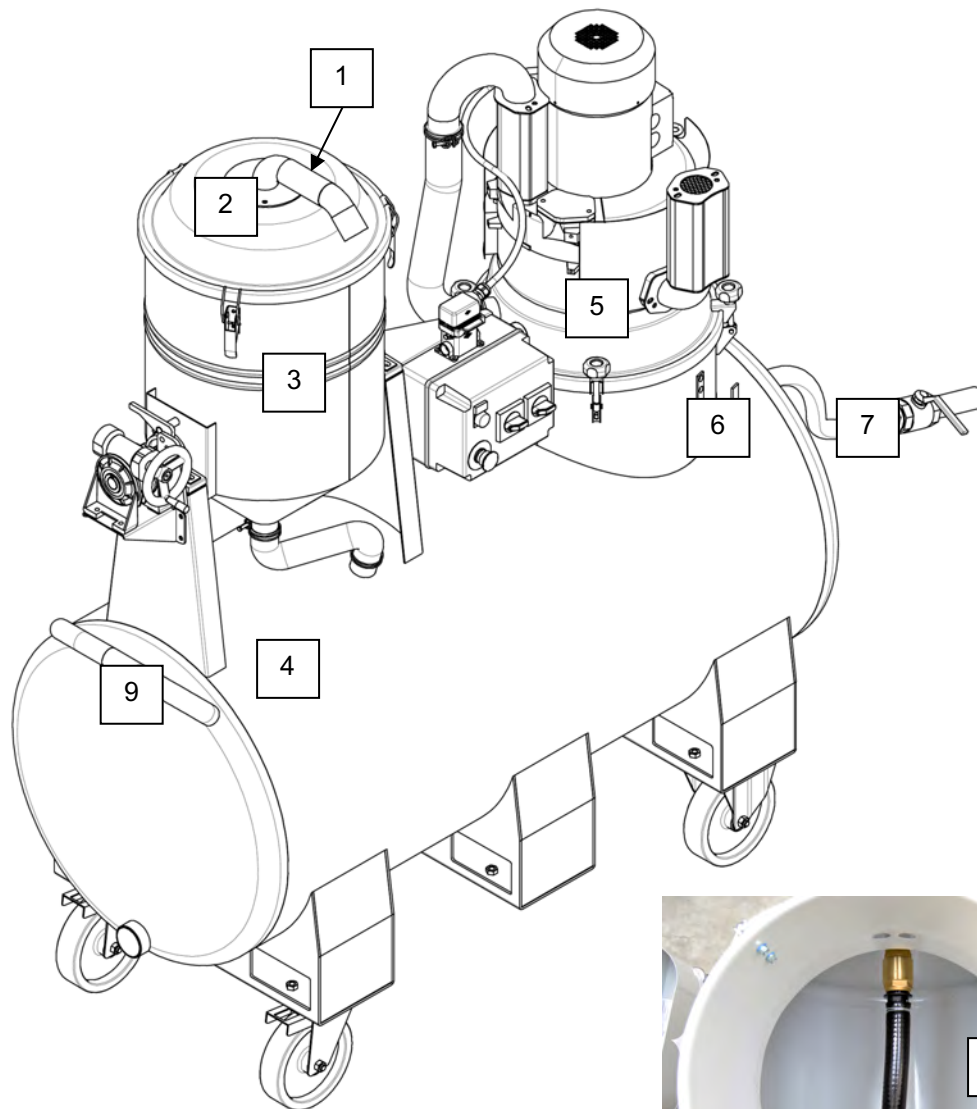
This manual should be kept in a place accessible to all personnel in charge of operating and performing maintenance on the vacuum cleaner.

In the event of any dispute arising, the Court of Turin (Italy) shall have jurisdiction.

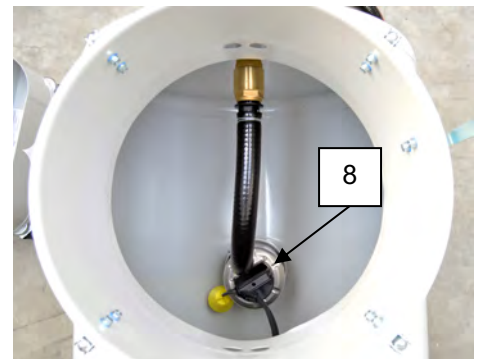


The manual must accompany the vacuum cleaner in the event of it being resold!

1.2 Main parts



1. Suction nozzle
2. solid residue container lid
3. solid residue container
4. liquid tank
5. vacuum head
6. hose wrapping hook
7. drain pipe, including valve
8. pump for expulsion of liquids (internal view from the hatch)
9. vacuum cleaner handle





1.3 Optional parts

A wide range of optional accessories is available from DEPURECO depending on the intended use of the vacuum.

1.4 Manufacturer's identification data

DEPURECO INDUSTRIAL VACUUMS S.r.l.

Corso Europa 609 - 10088 Volpiano (TO) - ITALY

tel. +39 011 98 59 117

fax +39 011 98 59 326

e-mail: depureco@depureco.com

website: www.depureco.com

VAT No. 02258610357

1.5 Identification plate

The data on the vacuum identification plate must be referred to in any correspondence with the manufacturer or the dealer.

DEPURECO S.r.l.				Corso Europa 609 - 10088 Volpiano (TO) - ITALIA tel. +39 011 98 59 117 - fax +39 011 98 59 326 MADE IN ITALY	
Mod.			Volt		
Serial N°	kW	Amp	Hz		
Dust class	IP	Kg	Year		

1.6 Intended Uses

This model of vacuum cleaner has been designed, built and protected exclusively for the professional industrial use of suctioning non-flammable and non-harmful dry and/or wet dust and shavings.

Any other use is considered **IMPROPER**.

1.7 Authorised environmental conditions

To ensure correct operation, the vacuum cleaner must be kept away from atmospheric agents (rain, hail, snow, fog, dust in suspension, etc.) in an area with a room temperature range between 5° and 45°C and a relative humidity no higher than 70%.

The work environment must be clean, suitably lit and must not give rise to potentially explosive atmosphere.

1.8 Noise level

The phonometric tests performed on this specific vacuum cleaner model demonstrate a sound pressure level of

RAM OIL T500
RAM OIL T555

72 dB(A)
76 dB(A)



Warning!

Workers exposed to sound pressure levels higher than 85 dB(A) must be protected by a suitable individual protection device as e.g. acoustic individual protection device type-approved.



In this case, you need to supply workers training and information about risks coming from noise exposure.

1.9 Technical data

Characteristic	Unit of Measure	RAM OIL T500	RAM OIL T555
Weight*	Kg	320	350
Overall dimensions ** L x D	cm	60x151	60x151
Overall dimensions** H	cm	178	178
Supply voltage	V - Hz	400 – 50/60	400 – 50/60
Power	kW - HP	4.3 / 5.8	5,5 – 7,5
Maximum depression	mbar	420	480
Air flow rate	m³/h	320	320
Noise level	dB (A)	72	76
Suction nozzle diameter	mm	50	50
Tank capacity	L	500	500
Hopper capacity	L	70	70

(*) weight without packaging - packaging weight = 18 Kg
 (**) machine dimensions without packaging



1.10 Warranty

DEPURECO guarantees this model of vacuum cleaner for a period of 12 months from the date of purchase, indicated on the receipt at the time of delivery of the product.

The guarantee is null and void in the event that the vacuum is repaired by unauthorised third parties or by using equipment, accessories or components not supplied or not authorised by DEPURECO, or if the serial number is removed (during the guarantee period).

For the duration of the guarantee, DEPURECO undertakes to repair or replace free of charge parts and components which prove to have manufacturing defects.

Repairs will be exclusively executed at a DEPURECO site or in a DEPURECO approved Assistance Centre and the machine must be sent free of charge (freight cost at user's charge unless otherwise agreed).

The guarantee does not cover cleaning of working parts.

The purchase invoice must be shown to the authorised technical personnel carrying out the repair and must accompany the vacuum during its shipment.

Defects that are not evidently due to materials or manufacturing will be examined solely at our premises or at a Technical Service Centre of our choosing.

Should the complaint be unjustified, all repair and/or replacement expenses shall be charged to the purchaser.

In any case, the following items are not covered by the guarantee: accidental damage due to transport, negligence, abnormal use, improper use, non-compliance with the instructions contained in this booklet or arising from phenomena that do not depend on normal use/operation of the vacuum.

DEPURECO shall not be held liable for any injuries to persons or damage to objects caused by misuse or improper use of the vacuum.

In the event of any dispute arising, the Court of Turin (Italy) shall have jurisdiction.



To claim under the terms of this guarantee, a photocopy of the form on last page of this manual should be made, filled in completely (preferably in block capitals), and sent by fax to DEPURECO at the number +39 011 9859 326



*In caso di dubbi non interpretate!
Telefonate immediatamente al Vostro rivenditore.*



2. SAFETY SECTION

2.1 Safety information



According to the National Law on Work Safety (in Italy Legislative Decree 81/08), the Safety Manager must train and inform workers about risks involved with using the vacuum cleaner so that they may be able to avoid injury to themselves and others.

Failure to comply with norms, laws or basic safety precautions, may cause accidents during operation, maintenance and repair of the vacuum cleaner. Accidents can frequently be avoided by recognising potentially hazardous situations before they occur. Adequate training is crucial to this end.

DEPURECO shall not be held liable for accidents or damage due to the improper use of the vacuum by untrained personnel or to failure to comply, even partially, with the occupational safety standards and intervention procedures contained in this manual.

Safety warnings and precautions are indicated in this manual as well as on the product itself. Operators must pay special attention to these hazard warnings to prevent accidents with serious consequences for themselves and other people.

Safety messages are indicated by the following symbols:



Warning!

Failure to comply with these messages may cause injuries to the operator.



Warning!

Failure to comply with these messages can cause damage to the vacuum.



Warning!

Failure to comply with these messages can harm the environment.

DEPURECO designs and manufactures its equipment and accessories with care, identifying and compensating all possible risks related to their use. In the event of equipment, procedures, work methods or techniques not expressly provided for by DEPURECO being used, it is crucial to ensure beforehand that there are no dangers for oneself and the others. Nevertheless, DEPURECO shall not be held liable.



Utilizzate esclusivamente ricambi originali DEPURECO

La Depureco declina ogni responsabilità
per l'uso di ricambi non originali.



2.2 Safety recommendations



Warning!

The following information plays an important role in preventing all hazards that may occur while the vacuum cleaner is running. However, they cannot replace the expertise and common sense of operators as an overall framework for the prevention of accidents.

Each section lists further safety measures specific to the various functions.

CAUTION!

- This vacuum may only be used by suitably trained adults.
- This vacuum cleaner is intended for industrial use, e.g., in factories, warehouses, workshops.
- Ensure that mains electrical connects have suitable earthing.
- This vacuum is not intended to be used in corrosive or explosive environments.
- Keep the vacuum cleaner clear of foreign objects such as debris, oil, tools and other objects which may impede its functioning and cause personal injury.
- Avoid the use of toxic or inflammable solvents, such as petrol, benzene, ether and alcohol for cleaning.
- Avoid prolonged contact with solvents and inhaling their vapours.
- Avoid using near open flames or heat sources; ensure adequate ventilation.
- Never use the vacuum cleaner without its mist filter.
- Do not suction up lit cigarette ends as they could ignite the safety filter.
- Do not vacuum petroleum products or inflammable liquids in general.
- Ensure that all protection equipment and guards are in place and that all safety devices are present and operating.
- Do not use the vacuum cleaner on non-level or inclined surfaces.
- Do not wear loose or flowing apparel such as ties, scarves, or torn clothing that could become hung or caught up by the vacuum cleaner.
- Never move the vacuum cleaner by pulling it by the electrical supply cord.
- Never use extension leads, plug-in connection devices and adapters.
- Do not remove the hopper lid when the vacuum is running.
- Do not climb on the vacuum cleaner.



-
- Do not touch electrical wires, switches, buttons, etc. with wet hands.
 - Regularly check the integrity of the power cable.
 - When using the industrial vacuum cleaner, some components (motor connector, motor body in particular) may reach high temperatures.
 - During operations to return to original work conditions, the personnel in charge must ensure at the end of the procedure that normal operating and safety conditions of the vacuum and, in particular, of the safety devices and protective guards involved in the operation are once again guaranteed.
 - Should the Customer install a tool not supplied by DEPURECO on the vacuum, the safety requirements of Machinery Directive 2006/42/EC must be met. Nevertheless, DEPURECO shall not be held liable for problems caused by the use of such parts.
 - Structural damage, alterations or improper repairs can modify the protective capacity of the vacuum, thereby nullifying this certification and releasing DEPURECO from any liability.
 - This manual must be kept near the machine, so it may be consulted to check the correct cycle use at any time doubts may arise.
 - In the event it is lost or damaged, request another copy from DEPURECO.



Warning!

**This vacuum cleaner may contain liquids that may be hazardous to your health.
Chamber emptying procedures and maintenance must only be performed by specialist personnel using adequate protective equipment.
Never switch the machine on without an complete filtering system in place.**



2.3 Safety plates and symbols

Plates with safety symbols and/or messages are applied to the vacuum and its packaging. These pages show their precise location and the nature of the hazard.



Warning!

Ensure that all safety messages are perfectly legible.

Clean them using a cloth with water and soap. Do not use solvents, naphtha or petrol.

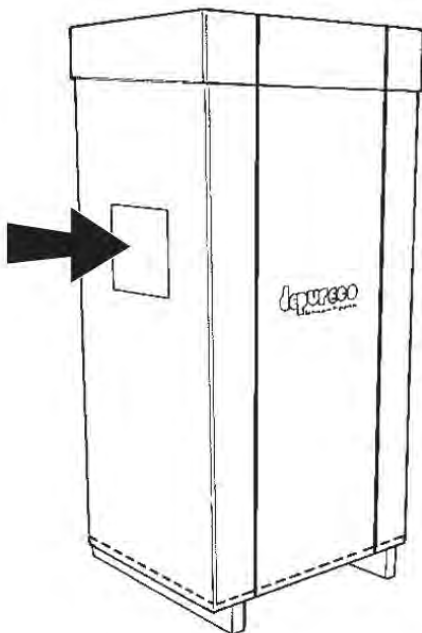
Request replacements for damaged plates from DEPURECO.

In the event that a plate is located on a piece that is replaced, ensure that a new plate is affixed to the new piece.



Warning!

Carefully read this use and maintenance manual before using the vacuum or carrying out maintenance operations.



Warning!

Carefully read the instructions on the packaging before handling and unpacking the vacuum.





2.4 Residual risks

DEPURECO recommends complying with the instructions, procedures and recommendations in this manual and with the safety standards in force. DEPURECO also recommends using suitable personal protective equipment as well as the protection devices integrated in the vacuum.

The residual risks analysed on the vacuum and/or its components could be:

Electrical risks during maintenance due to the requirement to work on live parts

The National Law on Work Safety (in Italy Legislative Decree 81/08, articles 80-87) states that it is forbidden to work with live voltage, unless in the case of exceptions as provided in the law.

Risks associated with incorrect use in presence of explosive and inflammable liquid substances

The vacuum must not be used in environments containing liquid substances or liquids that can evaporate at room temperature, inflammable powders and gas.

Risks related to operation in humid environments

Respect the limitations indicated in this manual, in section 1.5 "Authorised environmental conditions".

Risk of incorrect interpretation of the safety pictograms

With reference to risk analysis and identification, DEPURECO has installed hazard labels on the vacuum, in compliance with the standards concerning graphical symbols.

The user must immediately replace any safety plate rendered illegible due to wear or damage.



Warning!

The removal of safety plates from the vacuum and/or its components and packaging is strictly prohibited.

DEPURECO shall not be held liable for the vacuum's safety in the event of failure to comply with this prohibition.

2.5 Applied Directives

The following directives apply to the vacuum cleaner described in this manual:

- 2006/42/EC Machinery Directive
- 2014/30/EU Electromagnetic compatibility directive
- 2011/65/EU - ROHS - Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment

Reference standards, including their binding requirements, are managed through the DEPURECO Quality Management System.



3. HANDLING, UNPACKING, AND INSTALLATION SECTION

3.1 Handling



Warning!

The instructions for transporting and unpacking the vacuum correctly are shown on the packaging as well.

The following instructions also indicate the operations to be undertaken should the vacuum need to be re-packed or unpacked after subsequent transportation.



The vacuum cleaner must be lifted and handled exclusively using a forklift having suitable load bearing capacity.

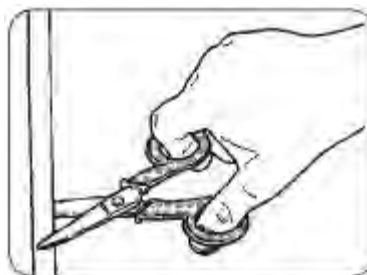
When using a forklift, lift the load 200 mm off the ground and swing backwards.

Always keep the height of the working environment in mind when lifting loads.

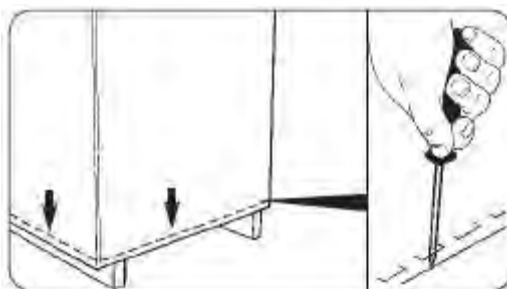
Before starting any movement, ensure that the area is cleared and that there are no moving objects on the packaging. For lifting and handling, apply operating safety laws and normal instructions for fork-lift truck driving.

3.2 Unpacking

- Cut and unwind the two packaging fixing belts



- Remove the staples that fix the card packaging to the pallet with the aid of a screwdriver (where applicable)

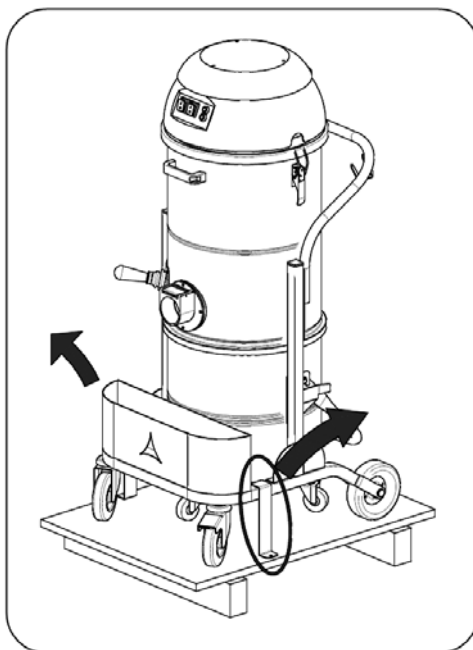




- Remove the cardboard completely (where applicable)



- loosen and remove the fastening screws and brackets from both sides



The cardboard packaging is recyclable and should be collected separately to prevent damaging the environment.



Warning!
Keep the pallet and the fastening brackets.
In the event of subsequent transport, the vacuum must be secured to the pallet using the same fastening system.



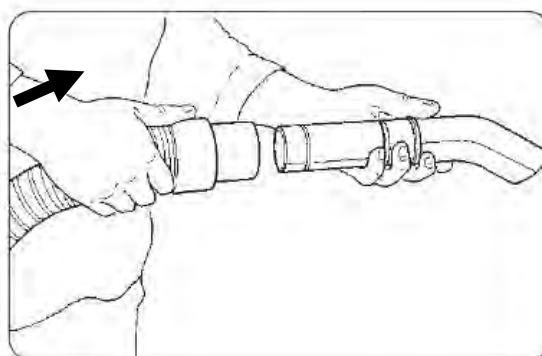
3.3 Installation



Caution!
Before installing the vacuum, it is important to carry out a thorough preventive visual inspection to identify any damage which may have occurred during transport.

In the event of one or more components being damaged, do not continue with installation and inform DEPURECO about the anomaly and agree upon action to be taken.

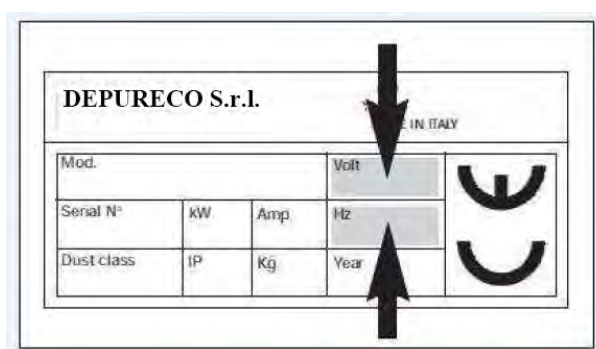
- insert the accessory desired for the type of suction from the opposite side of the pipe



Note: the flexible pipe and the relevant end-pieces and suction accessories are not included with the STANDARD model. Contact your dealer (or DEPURECO) for information regarding the various types of OPTIONALS that can be used on this specific model.

The following operation must be carried out by a qualified electrician.

Ensure that the power supply line corresponds to the voltage and frequency indicated on the identification plate and that it is efficiently earthed.



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The vacuum cleaner's electrical current supply socket must be protected by a CE-marked circuit breaker. Insert the plug (standard supply) into the socket.



Warning!
Do not insert the plug in the power supply socket with wet hands.
Do not use extension leads.



4. OPERATION SECTION

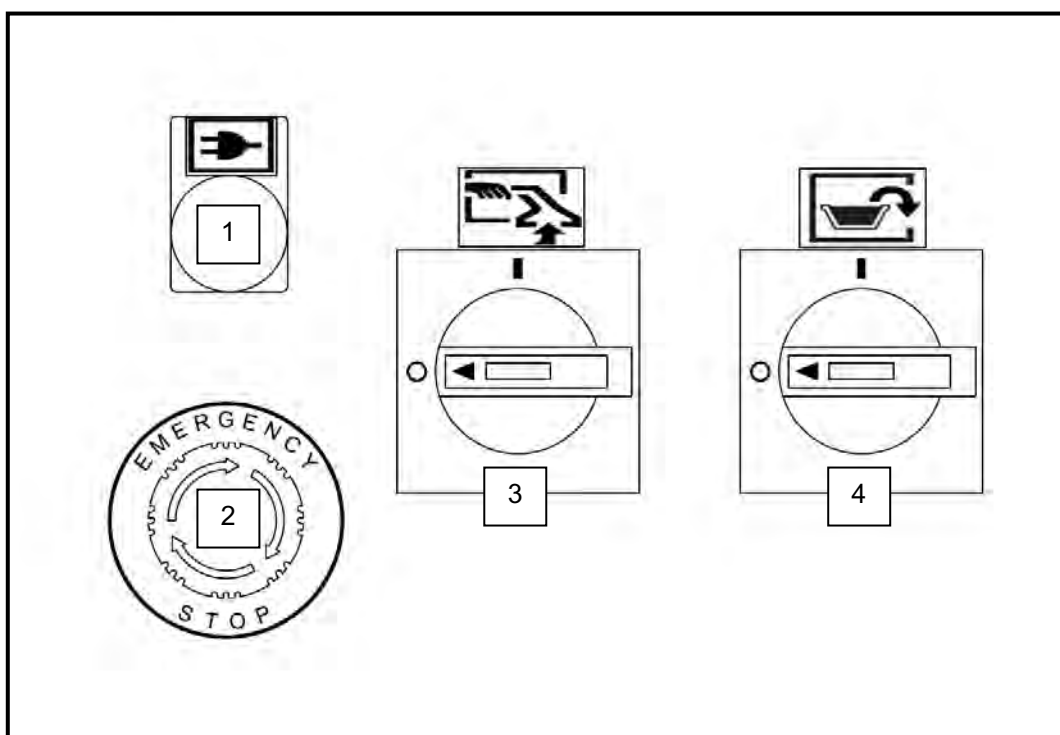
4.1 Description of controls



Warning!

The vacuum can be used solely by authorised personnel after having read these use and maintenance instructions.

The user of the equipment and the maintenance technician, who carry out operations on the vacuum, must be adequately educated, informed and trained, in compliance with the occupational safety standards in force and, during the various operations, must wear personal protective equipment (PPE), such as safety footwear, gloves, protective goggles, mask, etc. The user must comply with the provisions in force concerning extracted materials and their disposal.



1. White indicator light: VOLTAGE PRESENCE
2. Red mushroom button: EMERGENCY SHUTDOWN
3. I/O switch: LIQUID VACUUM ON/OFF
4. I/O switch: LIQUID EXPULSION ON/OFF



4.2 Operation cycle

Ensure that the power cord is intact and in perfect condition.



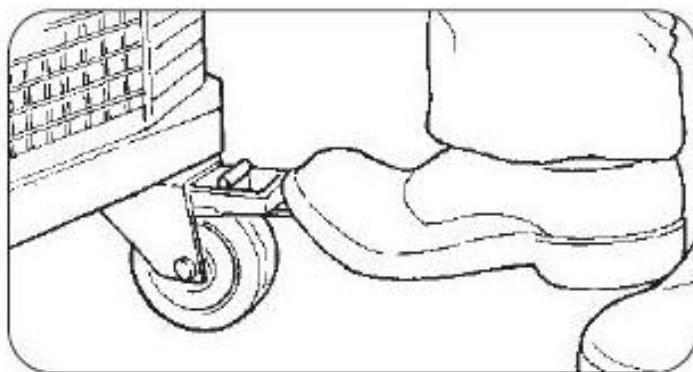
Warning!

Before inserting the plug, ensure that the voltage of the power supply line corresponds to that indicated on the vacuum's identification plate.

Make sure the power cord is properly inserted in the outlet and make sure the white indicator light (1) VOLTAGE PRESENCE is on. If it is not on, this means the electrical panel is not receiving power.

Make sure that the flexible tube is correctly inserted and locked in the relevant suction nozzle (detail no. 1, para. 1.1)

Block the vacuum using the lever on the swivel casters, as shown in the figure.



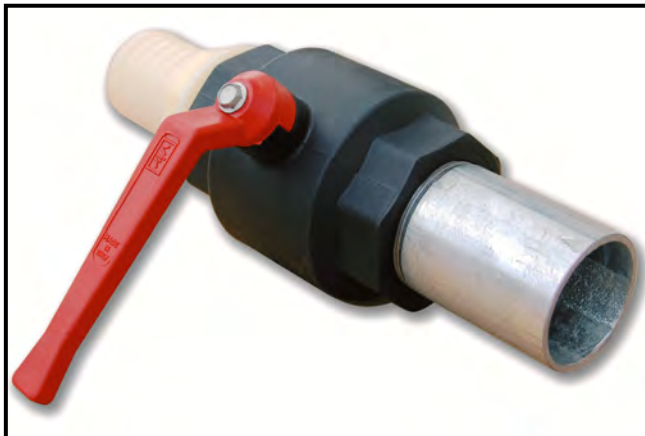
Warning!

Do not move the vacuum cleaner while it is in operation.



To proceed with vacuuming liquids, follow the steps below:

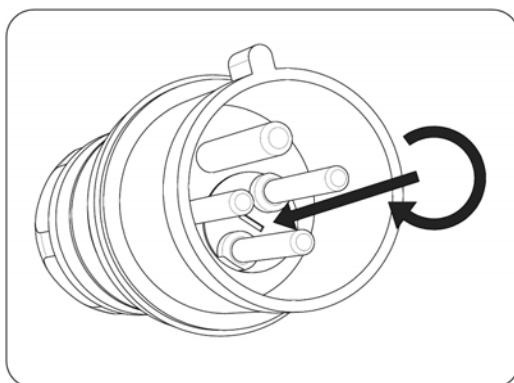
- make sure the drain valve at the end of the drain tube (detail no. 7, par. 1.1) is in the closed position (see image below)



- Place the chosen vacuum accessory on the end of the flexible hose.
- Turn the switch (3) LIQUID VACUUM ON/OFF to "I",
- to stop the vacuum, turn the switch (1) to "O".

If after having rotated the switch (3) to "I" the vacuum cleaner expels the air instead of aspirate it, the power supply phases of the plug are wrong.

To restore the power supply phases, rotate the switch to "O", disconnect the plug from the power outlet, insert a screwdriver into the notch on the inside of the power plug and reverse the two poles by rotating 180°.



Caution!

Before switching the vacuum on again, check that the pump has stopped completely.

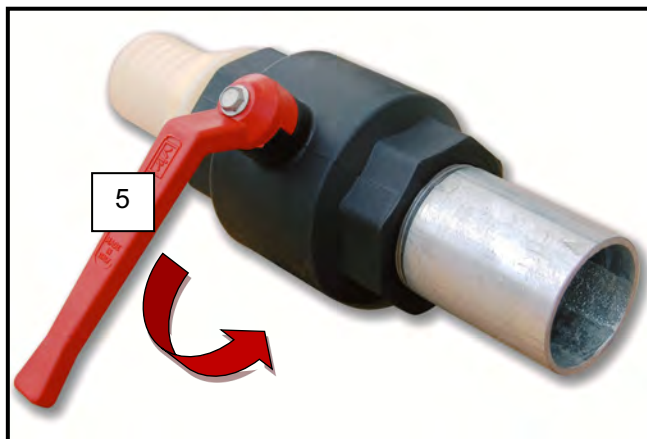
During vacuuming, upon reaching the maximum level of liquid, the machine will automatically stop and it will be necessary to perform the expulsion of the liquid from the tank.

For liquid expulsion, the vacuum has a dedicated pump (detail no. 8, par. 1.1) located inside the tank.



To proceed with the expulsion of liquids, follow the steps below:

- turn the switch (3) to “O”
- as shown in the figure below, turn the handle (5) to open the drain valve



- to start the expulsion of liquids, turn the switch (4) LIQUID EXPULSION ON/OFF to “I”
- to stop the expulsion, turn the switch (4) to “O”.

During the liquid expulsion phase, upon reaching the minimum liquid level inside the tank, the machine will stop automatically.

To proceed with suctioning the liquid, turn the switch (4) to “O” and proceed as indicated above.

It is possible to use the vacuum continuously, consequently, it will be possible to expel liquid from the tank during the vacuum phase.

If you need to stop the vacuum/expulsion of liquids, press the red mushroom button (2) EMERGENCY STOP

For convenience, wrap the drain hose around the hook (detail no. 6, par. 1.1) and to move the vacuum, use the handle (detail no. 9, par. 1.1) located on the side of the tank



Warning!

Do not use the vacuum in liquid expulsion mode with the drain valve closed. In this mode, the non-expulsion of liquids could damage the pump inside the tank



Caution!

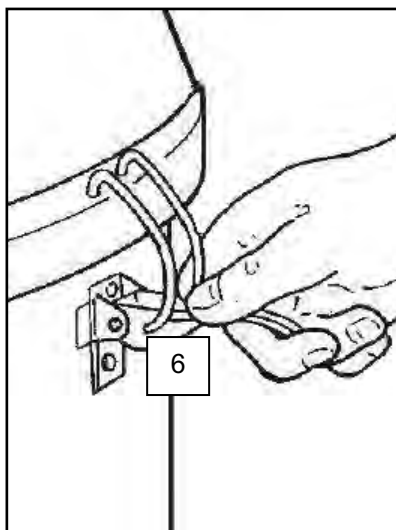
Never use the vacuum cleaner with the filters clogged.



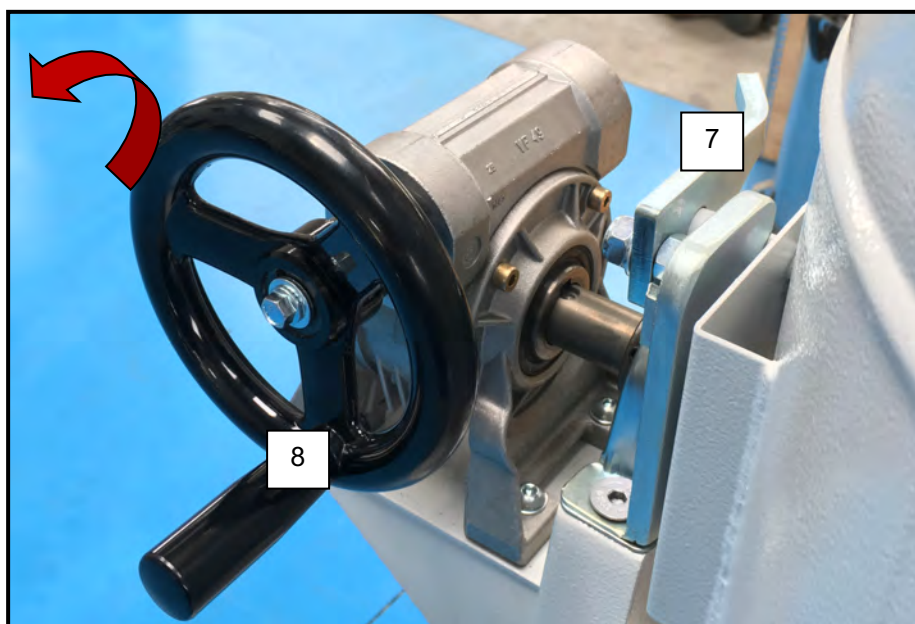
4.3 Emptying the solid residue container

To empty the solid residue container, make sure the machine is not in operation and proceed as indicated below:

- release the two hooks (6), gently raise the container lid (detail no. 2, par. 1.1)

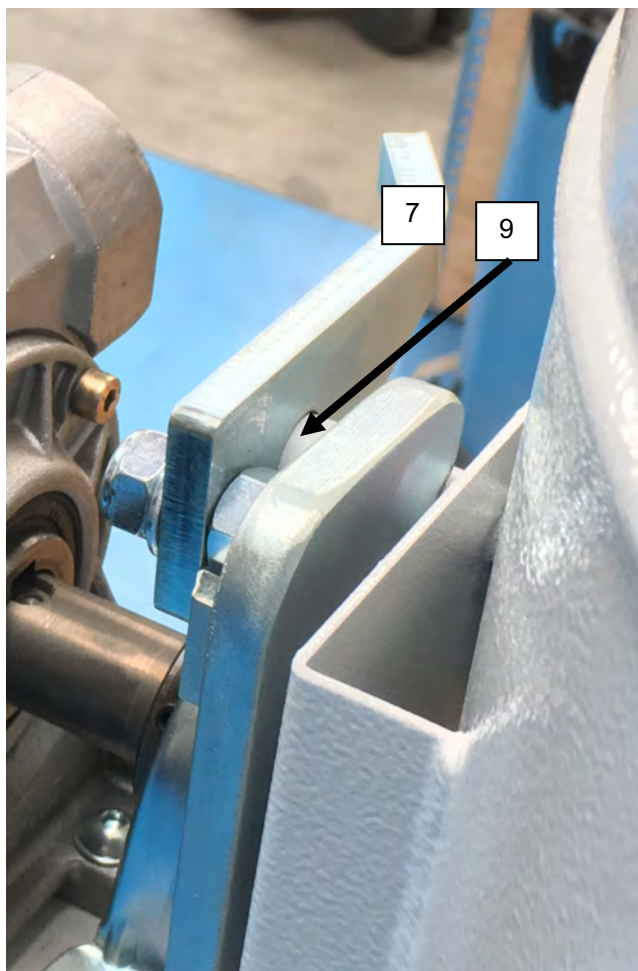


- Remove the solid residue from the vacuumed liquid. For more convenient emptying, the container can be rotated 90°. To rotate, lift the safety hook (7) and turn the handwheel (8) anticlockwise, as indicated in the figure below





- When emptying is complete, return the container to the initial position by turning the handwheel (8) clockwise. Upon reaching the initial position, make sure the pin on the container (9) is locked under the safety hook (7)



4.4 Storage - decommissioning

Remove the mist filter, clean, and empty the tank of any liquid residue inside it and store the vacuum cleaner in a place out of the weather, with temperatures between 0° and 40°C, covering it with a nylon sheet in order to avoid the accumulation of dust.



5. MAINTENANCE SECTION



Warning!

Special vacuum maintenance must be carried out solely by specialised technicians authorised by the DEPURECO dealer.

5.1 Informative notes

This section describes the checks and routine maintenance operations required to ensure proper vacuum operation.

Maximum reliability and minimum maintenance costs are the result of a planned maintenance and inspection schedule carefully followed throughout the entire lifespan of the vacuum.

Observe the set maintenance intervals and schedule the interventions according to specific requirements in relation with the vacuum production cycle.

Always use tools that are in perfect condition and that are specifically intended for the operation to be carried out; the use of inadequate or inefficient tools may cause serious damage.

Any other intervention required to remove faults or malfunctions must be expressly authorised by the manufacturer.

In these cases always communicate vacuum cleaner identification data – see § 1.4 of this manual.

For significant repairs, refer to the authorised dealer, whose specialised personnel has the technological expertise in the original factory build and is always available for prompt interventions.

For user maintenance operations, the vacuum must be disassembled, cleaned and maintained, where possible, in such a way as to prevent hazards to the maintenance personnel and to third parties. Suitable precautionary measures include decontamination before dismantling, measures for filtered forced ventilation of the room where the appliance is disassembled, cleaning of the maintenance area and suitable personal protection equipment.

At least once every three months (or more frequently, according to the operating cycle and the conditions of use), the manufacturer or a qualified technician must check the filters, ensuring that they are not damaged; and ensuring proper operation of the control devices.

Should maintenance operations or repairs be carried out, all contaminated objects must be adequately cleaned, placed in waterproof bags and disposed of in compliance with the regulations in force.



5.2 General safety regulations



Warning!

All the operations described above must be carried out with the plug disconnected from the socket.

Before starting any maintenance or cleaning operation, wear suitable PPE (protective clothing, goggles and/or gloves, etc.) according to the work to be done.



Place a sign on the vacuum with the message:

**“MACHINE UNDER MAINTENANCE
DO NOT START”**



Before returning to use, the whole system must be checked according to the starting procedures.

Run a few trial operating cycles after every maintenance operation to ensure proper machine operation.

Failure to observe these precautions can cause serious injury to personnel.

Maintenance operations must be carried out by trained technicians specialised in the following sectors:

- Mechanical maintenance
- Electrical maintenance

It is the Chief Safety Officer's duty to ensure the professionalism and skills of these technicians.

Before starting any maintenance operation, the Chief Safety Officer must:

- Keep unauthorised personnel out of the work area.



- ☞ Ensure that the necessary tools are in good conditions and readily available to the maintenance technician.
- ☞ Ensure that the maintenance technician is equipped with the personal protective equipment required for the specific operation (gloves, goggles, shoes, mask, etc.).
- ☞ Ensure that the maintenance technician has carefully read the instructions contained in this manual and knows the operation of the vacuum and its components perfectly well.

- Ensure that there is enough light and, if necessary, provide 24 Volt torches.



Before starting any maintenance operation, the Maintenance technician must:

dissect all power supplies and put the vacuum cleaner in a safe lock



Warning!

If it is absolutely necessary to work with the power supply connected, when set forth by current safety laws (in Italy, Legislative Decree 81/08), the maintenance technician must keep a safe distance, have a stop button handy and never put hands in the drain area.

At the end of the procedure and before returning to use, the maintenance technician must check that guards are functioning correctly and the protection devices are intact.

Operations on the motors or on other electrical components must only be carried out by the specially trained electrical maintenance technician authorised by the Chief Safety Officer.



Warning!

After any maintenance work, the Chief Safety Officer is required to check the safety conditions of the vacuum cleaner and of its safety devices.

Before every work shift

- Check that the power cord and the plug are not damaged: replace them immediately if there are any signs of wear, using a cord of the same type (information c/o DEPURECO). This operation is the sole responsibility of an electrician.
- Check the integrity of the safety symbols (pictograms) applied to the vacuum cleaner.
- Check the integrity of the flexible suction pipe and of the accessories to be used.



Warning!

The flexible suction pipe, if perforated, reduces the suction power and disperses liquids.



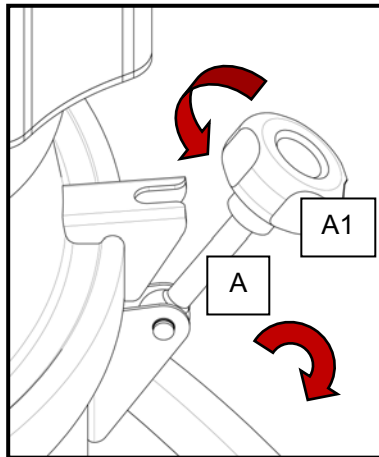
5.3 Cleaning the mist filter



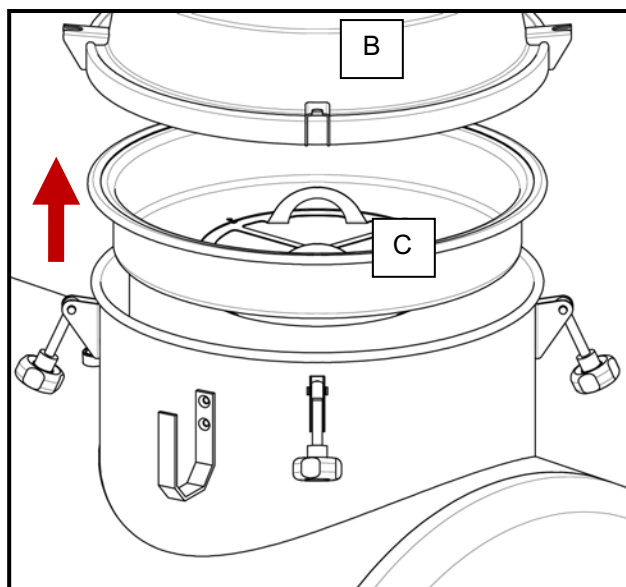
Warning!
Wear appropriate PPE (dust mask, latex gloves, goggles, etc.).

To replace the mist filter, proceed as follows:

- switch off the machine
- disconnect the vacuum cleaner from the power supply
- disconnect the pump plug from the outlet on the electrical panel
- Release the closure hooks (A) on the vacuum head to release it from the hatch (to loosen the hooks, turn the handwheel clockwise (A1))

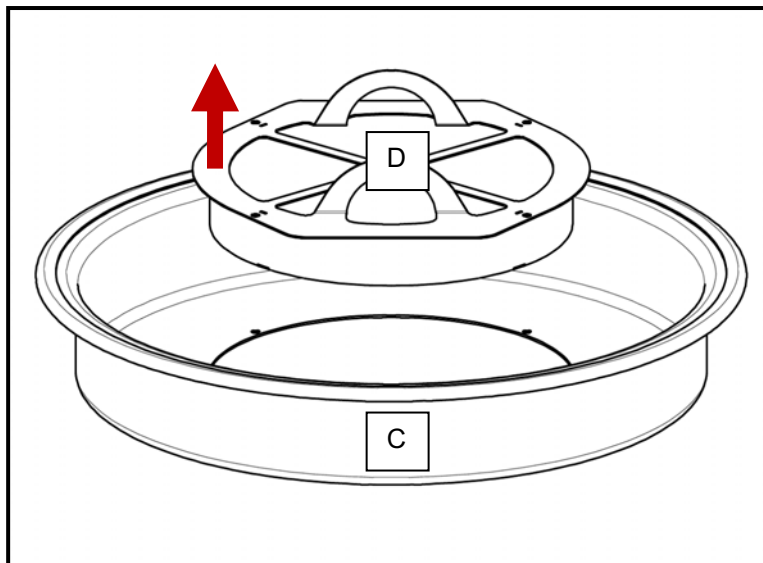


- From the hatch, lift the vacuum head (B) and position it in a safe place to avoid damaging the pump. Given the heaviness of the head, we recommend screwing an eyebolt in the housing on the pump body for lifting and then using mechanical means to do the lifting. From the connector, lift the mist filter support ring (C)





- Unscrew the mist filter (D) from the ring (C). Clean the filter with a jet of water with sufficient pressure to remove any residues inside the filter.



To reassemble the filter, operate in reverse order:

- screw the mist filter (C) on the support ring and reposition the latter inside the hatch
- position the head of the vacuum above the hatch, making sure that it is positioned as previously and that the notches on the closure hooks are aligned with the proper closure hooks
- tighten the closure hooks
- connect the pump plug to the outlet on the electrical panel
- connect the vacuum cleaner to the power supply
- turn on the vacuum cleaner, immediately assessing its efficient operation.

5.4 Replacing the mist filter

For mist filter replacement, operate as indicated in chap. 5.3 replacing the redundant mist filter with a new one



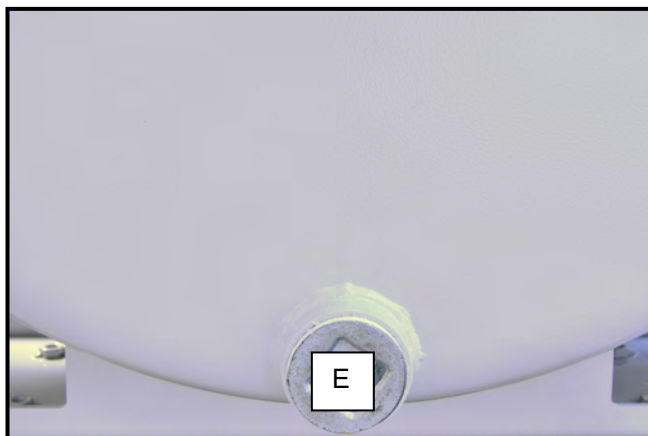
remove the filter, insert it inside a plastic bag, close it and **dispose of it according to the laws in force** regarding the type of material being suctioned.



5.5 Tank emptying and cleaning

To completely empty the tank of liquid residue, proceed as follows:

- switch off the machine
- disconnect the vacuum cleaner from the power supply
- unscrew cap (E) on the side of the tank, allow the liquid residue to flow from the bottom of the chamber



- Whenever you wish to clean the inside of the tank, remove the vacuum head (for details, see par. 5.3), then use a jet of water to clean the internal walls and the bottom of the tank.



Warning!

To prevent any damage to the liquid drain pump located in the tank, avoid directing the waterjet on it

To return to normal vacuum use reverse the steps:

- position and block the vacuum head in the hatch (see par. 5.3)
- screw on the cap located on the side of the tank, connect the pump plug to the proper outlet on the electrical panel
- connect the vacuum cleaner to the power supply
- turn on the vacuum cleaner, immediately assessing its efficient operation



Warning!

Make sure the tap is screwed on and tightened properly, if not there could be leaks during normal use

ONLY USE ORIGINAL DEPURECO FILTERS



5.6 Troubleshooting

FAULT DETECTED	POSSIBLE CAUSE	SOLUTION RECOMMENDED
The vacuum cleaner will not start	<ul style="list-style-type: none">- No power supply- Magneto-thermic switch tripped	<ul style="list-style-type: none">- Check for the presence of voltage in the socket- Check the condition of the plug and the power cable- Reset the magneto-thermal switch- Contact the DEPURECO technical assistance
Irregular suction	<ul style="list-style-type: none">- Mist filter	<ul style="list-style-type: none">- Follow filter cleaning procedure. If this solution is not effective, replace it.
	<ul style="list-style-type: none">- Clogged suction tube	<ul style="list-style-type: none">- Check suction pipe and clean it.
Irregular or no liquid expulsion	<ul style="list-style-type: none">- Faulty liquid expulsion pump	<ul style="list-style-type: none">- Contact DEPURECO technical assistance
Excessive noise from motor	<ul style="list-style-type: none">- Faulty pump	<ul style="list-style-type: none">- Contact DEPURECO technical assistance



5.7 Scrapping



At the end of the life cycle, to avoid damages to environment, each component of the vacuum cleaner must be disposed of responsibly, in adequate dumps, according to current laws - in Italy, Legislative Decree 152/2006, as amended.

Before scrapping the machine, the plastic and rubber materials must be separated from the electrical material.



Correct disposal of the product (electrical and electronic equipment waste)

The electrical and electronic parts of this product must be disposed of in compliance with Italian Legislative Decree 151/2005, as amended. (Directive 2002/96/EC on WEEE - Waste Electrical and Electronic Equipment)



The parts of the vacuum made of plastic material, aluminium and steel can be recycled in appropriate centres.



*In caso di dubbi non interpretate!
Telefonate immediatamente al Vostro rivenditore.*

WARRANTY

To make a warranty claim, photocopy this form and fill it in all parts, preferably in block capitals, and send via fax to the manufacturer at the following number **0 1 1 . 9 8 5 9 3 2 6** or via email to **DEPURECO@DEPURECO.com**

VACUUM / COMPONENTS Model

Serial number

Date of delivery:

Company name:.....

Address: Nr:.....

Postal Code: City/Town:.....

Activity sector:.....

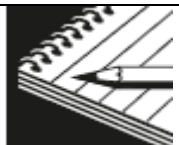
Tel.:.....

Manager:.....

Notes:.....

.....

Dealer's stamp



MAINTENANCE LOG

INTERVENTION 1

Date

Technical Assistance

Type of intervention

Signature

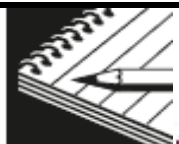
INTERVENTION 2

Date

Technical Assistance

Type of intervention

Signature



MAINTENANCE LOG

Depureco Industrial Vacuums Srl
Società soggetta a direzione e coordinamento COFISE spa

PERFORMANCE ON VACUUM SINCE 1972

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C.F. e P.I. 02258610357
Registro Imprese di Torino - R.E.A. TO-1149668
Capitale Sociale: € 25.000 i.v.

INTERVENTION 3

Date

Technical Assistance

Type of intervention

Signature