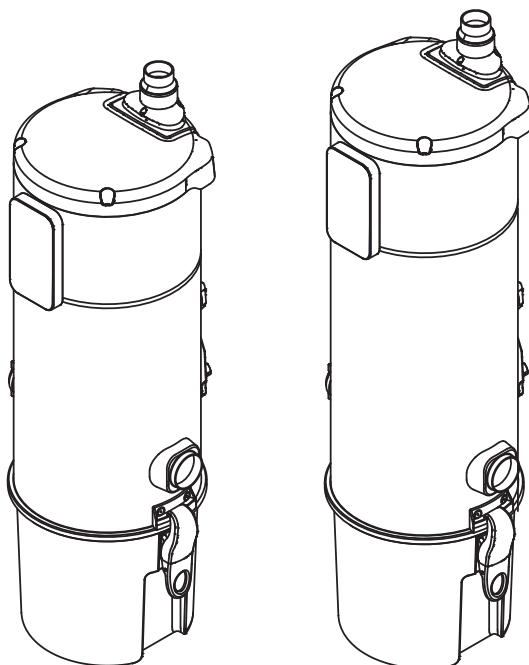


DYNAMICA CENTRAL POWER UNIT

TD23 / TD23A

TD34 / TD34A

USER, INSTALLATION AND MAINTENANCE MANUAL



INDEX

GENERAL INFORMATION

- 3 General warnings
- 3 Warranty
- 4 Safety
- 4 Certifications
- 4 Manufacturer
- 4 Identification
- 4 Identification plate
- 4 Technical service
- 5 Part description
- 6 Technical features
- 7 Foreseen use
- 7 Incorrect use
- 7 Handling the packaging
- 7 Opening the packaging
- 7 Installation location

INSTALLATION

- 8 Central power unit installation allowances
- 8 Connection exhaust line installation
- 9 Bracket fastening
- 10 Central vacuum unit connection to the system
- 10 Integrated service vacuum socket connection
- 11 Air exhaust
- 12 Electrical connection
- 13 Wi-Fi connection
- 14 Central power unit inspection

SMART TOUCH DISPLAY FEATURES

- 15 Control functions of the central power unit
- 16 Operation Parameters Display
- 17 Control unit anomalies/blocks

MAINTENANCE

- 18 **Display cleaning**
- 18 Container emptying
- 19 Filter cartridge replacement
- 20 Filter cartridge regeneration
- 21 Replacing the filtering bag (if present)
- 22 Central power unit disposal
- 23 Troubleshooting

GENERAL WARNINGS

Carefully read the manual

The installation, user and maintenance manual is an integral and essential part of the central power unit and must be read carefully as it contains important information concerning operator safety, foreseen operation and the correct maintenance of the central power unit.

Liability

The central power unit must only be implemented for the use for which it was explicitly designed (see paragraph FORESEEN USE).

Any other use is considered incorrect and therefore dangerous (see paragraph INCORRECT USE).

The central power unit should not be used by people with reduced physical, sensorial or mental capacities, by children or by people without product experience or knowledge, unless they are supervised or have been instructed in the use of the central power unit by a person responsible for their safety.

The manufacturer shall not accept any contractual and extra contractual liability due to damage caused by errors in using and installing the central power unit or due to failure to observe the instructions provided by the manufacturer.

NOTE

AERTECNICA reserves the right to modify the product and the related technical documentation without incurring any obligation to third parties. No part of this manual may be reproduced, copied or distributed in any manner without written authorisation from AERTECNICA.

WARRANTY

Warranty terms within the European Union (EU)

AERTECNICA guarantees the central vacuum unit for a period of 24 months starting from the documented (invoice or tax receipt) date of purchase.

If there is no documentation proving the purchase date, the 24-month period will start from the date on which the central vacuum unit was sold by AERTECNICA S.p.A. to its Dealers.

The warranty conditions are those envisaged in the current legislation of the European Union (EU).

Should any disputes arise, the Court of Forlì-Cesena (Italy) shall have exclusive jurisdiction and Italian law will apply.

Warranty terms outside the European Union

For countries that are not part of the European Union, the warranty shall be the responsibility of the importing company and the warranty conditions shall be those foreseen by the applicable regulations in the country of import.

SAFETY

The operator must accurately respect the following operating instructions in order to guarantee the safety of persons and the functioning of the central power unit.



HAZARD: this indicates that attention must be paid in order to prevent events that could cause serious accidents that harm people or their health.



HAZARDS OF AN ELECTRIC NATURE: make sure that the central power unit is connected with the relative cable to a standard compliant earthing system.

The power supply and relative socket must be suited to the nominal power of the central power unit. For exterior installations, the power socket must have a suitable IP rating.



CRUSHING HAZARD: when handling and installing the central power unit it is recommended to use suitable equipment for lifting and securing it to prevent the central power unit from falling accidentally.



HAZARD OF DAMAGING THE CENTRAL POWER UNIT: follow the provided instructions for use to prevent consequences that could damage the central power unit.



INHALATION OF HARMFUL ELEMENTS AND DUST: protect respiratory organs by using protective masks when emptying the dust containers and when replacing the filter cartridge so the collected dust is not inhaled.



DUST SENSITIVITY: this means that hand protection must be used to prevent harming operators who are sensitive to the collected dust.

CERTIFICATIONS

Aertecnica S.p.A is a company certified with:



Quality system
UNI EN ISO 9001
Environmental management system
UNI EN ISO 14001

MANUFACTURER

AERTECNICA S.p.A.
Via Cerchia di Sant'Egidio,760
47521 Cesena (FC) ITALY
Tel. +39 0547/637311
Fax +39 0547/631388
info@aertecnica.com
www.aertecnica.com

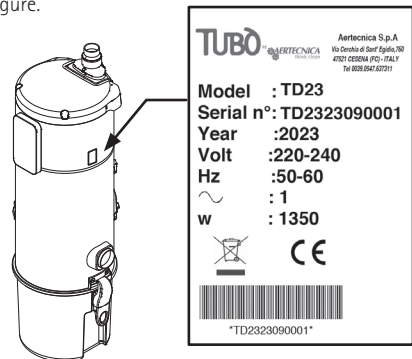
IDENTIFICATION

This user and maintenance manual is an inherent part of the central power unit:

SERIES: DYNAMICA
MODELS: TD23 – TD23A
TD34 – TD34A

IDENTIFICATION PLATE

For these models, the identification plate is located on the body of the central power unit as shown in the figure.



TECHNICAL SERVICE

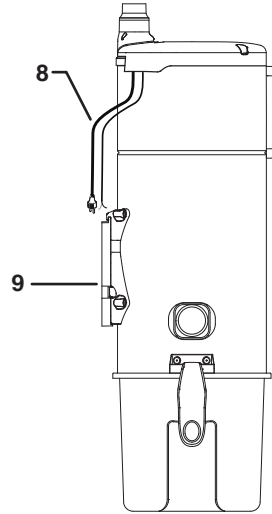
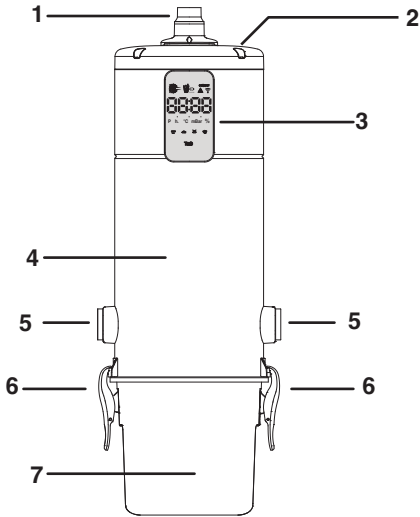
The Technical Service Centre can be contacted for all technical problems and in order to request spare parts. For all communications concerning the central power unit, the user should always provide the following data:

central power unit model
serial number
year of manufacturing
date of purchase and a detailed description of the discovered problems.

SPARE PARTS

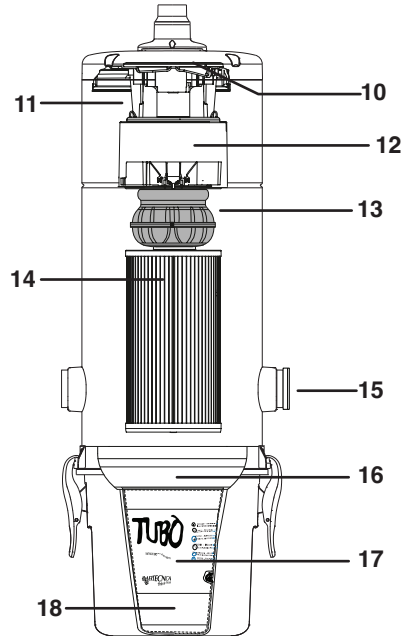
When replacing the central power unit's spare parts it is recommended to use original spare parts; Aertecnica declines all liability concerning decreased performance or damage to the central power unit due to the use of non-original spare parts.

PART DESCRIPTION



Legend

- 1 - Air Exhaust
- 2 - Dome with engine-compartment access
- 3 - SMART TOUCH display
- 4 - Central power unit body
- 5 - Dust inlet
- 6 - Handles for dust container hooking/unhooking from the machine
- 7 - Dust container
- 8 - 220V power supply and 12V socket cable line
- 9 - Fixing brackets
- 10 - Electronic card
- 11 - Engine compartment
- 12 - Engine
- 13 - APF system (only TD23A / TD34A)
- 14 - Polyester filter cartridge
- 15 - Integrated service vacuum socket
- 16 - Conveyor cone
- 17 - CLEAN BAG dust bag
- 18 - Cardboard bag stretcher



model with APF self-cleaning

TECHNICAL FEATURES

Models		TD23	TD34
		TD23A	TD34A
Power supply	Volt (Vac)	220/240	220/240
Motor power	Watts (W)	1.350	1.590
Frequency	Hz	50/60	50/60
Electric protection	IP	IP31	IP31
Motor rpm	rpm	29.892	31.672
Turbine stages	n°	3 - Tangential	3 - Tangential
SOFT START starting		Yes	Yes
Socket power supply	Volt (Vcc)	12	12
Vacuum power	Air Watts	526	566
Max. air flow rate	m ³ /h	174	168
Max. vacuum	mbar	374	413
Filter cartridge surface	cm ²	8.200	12.300
Filter cartridge material		Polyester, lavable	Polyester, lavable
Dust container capacity	liter	23	23
Dust container case	material	Polypropylene, lavable	Polypropylene, lavable
Multilayer microfiber dust-collection bag		Optional	Optional
Central body	material	Stainless FeP01 / AISI 304	Stainless FeP01 / AISI 304
Central body finish		high resistance powder coating/ Stainless steel	high resistance powder coating/ Stainless steel
APF system		Only TD23A	Only TD34A
Display		SMART TOUCH	SMART TOUCH
Connectivity		Wi-Fi 2,4 ghz	Wi-Fi 2,4 ghz
App (Ios / Android)	software	Aertecnica Device App	Aertecnica Device App
Voice systems compatibility	software	Amazon Alexa Google Assistant	Amazon Alexa Google Assistant
Height	cm	112	122
Diameter	cm	32	32
Weight	kg	18,5	19,5
		19,5	20
Noise	dB	64	64,5
Right and left dust inlet		Ø50 - 2"	Ø50 - 2"
Integrated service vacuum socket		Supplied	Supplied
Air exhaust canalization		Ø50 - 2" upward exhaustion	Ø50 - 2" upward exhaustion
Silence		Ø50	Ø50
Cleaning surface	up to m ²	300	500

FORESEEN USE

The central power unit was designed exclusively for vacuuming dust or small sized solid bodies.

The dust container, or filtering bag, must be emptied once it is filled to the maximum level.

The filter cartridge must be regenerated periodically and must be replaced every 2-3 years or immediately if it breaks.

When replacing spare parts, use original Aertecnica spare parts.



Use personal protection garments before carrying out operations such as emptying the dust container or the filtering bag, or



replacing/cleaning the filter cartridge.

INCORRECT USE

In order to guarantee proper operation of the central power unit and to prevent the relative warranty coverage from lapsing, follow the instructions provided below:

- Do not vacuum lighted cigarettes, hot embers or burning material: these materials may cause a fire to start that would damage the hoses and the central power unit.
- Do not vacuum cloths, rags, fabrics or textile material: these materials could obstruct the hoses or damage the central power unit .
- Do not allow children to play with the vacuum sockets, opening and closing them continuously or inserting toys or solid items of unsuitable dimensions.
- Do not use the system with the central power unit turned on without the filter cartridge inserted.
- Do not block the air exhaust line.
- Do not block the air sockets for electric motor cooling.
- Do not use the cleaning accessories to vacuum parts of the body.
- Do not leave the central power unit powered when it is not used for prolonged periods of time.

HANDLING THE PACKAGING

To lift and transport the central power unit, use the handles positioned on the sides of the packaging.

OPENING THE PACKAGING

The central power unit is delivered inside cardboard packaging to make it easier to transport.

It is recommended to not remove the packaging until installation to prevent damaging it.

When opening the central power unit packaging, follow the instructions indicated on the sides of the cardboard box.

NOTE



The packaging elements that accompany the central power unit upon delivery are inert solid waste that must be disposed of according to current applicable regulations.

INSTALLATION LOCATION

The central power unit must be installed in well-ventilated service rooms (for example, closets, garages, cellars or attic rooms).

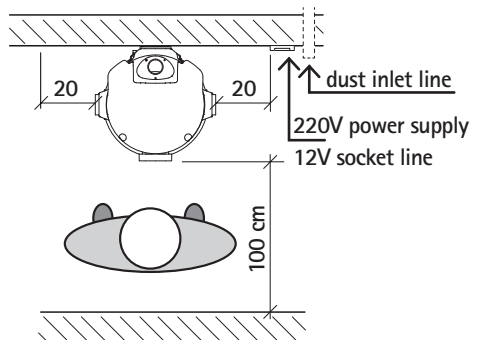
ATTENTION

The central power unit can be installed in places other than the previously mentioned, but only if protected from water, high thermal shock and the possible formation of any condensation.

The 220/240 power supply and the socket activation line must be near to the central power unit in order to activate the vacuum cleaning system.

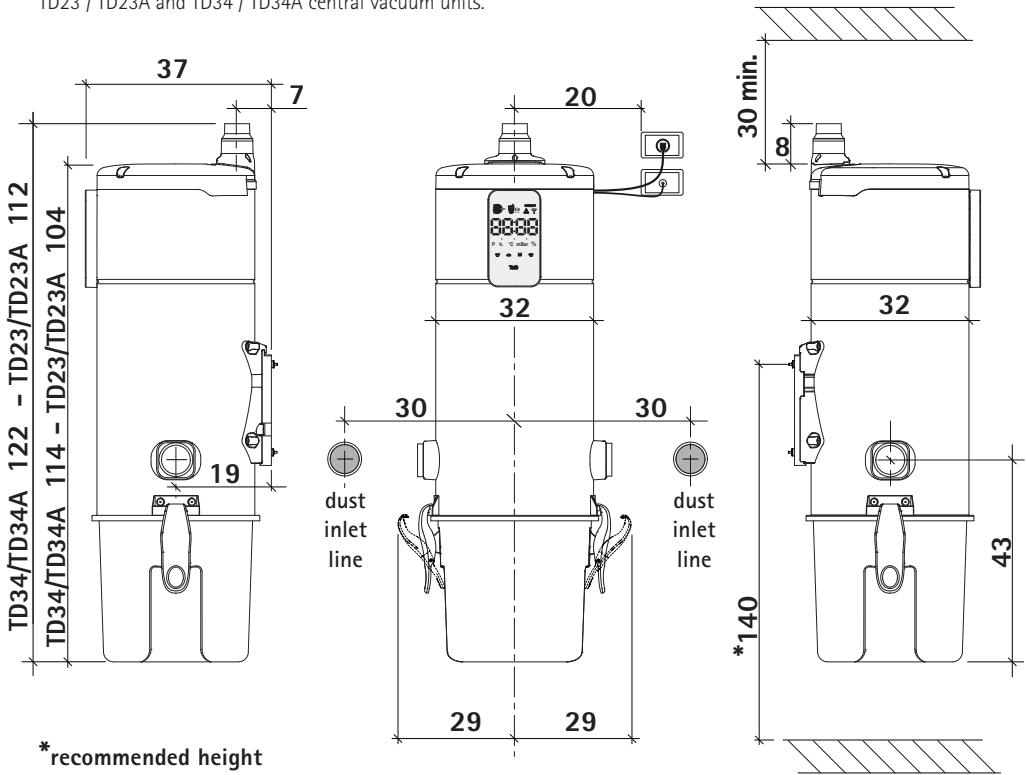
The installation location must be sufficiently illuminated (minimum of 300 lumen) to allow for maintenance operations and operations on the central power unit control panel.

The installation location must have adequate dimensions: 100 cm in front of the central power unit, 20 cm sideways, 30 cm above the central power unit, to allow for filter cartridge, dust bag or dust container replacement operations.



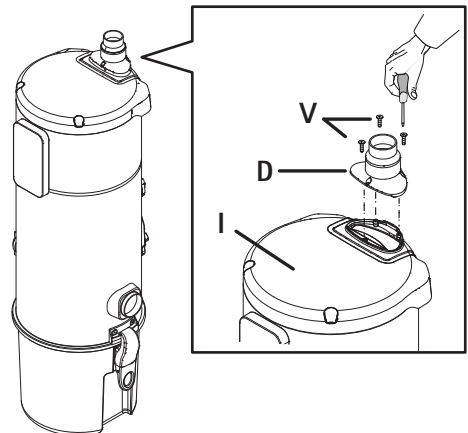
CENTRAL POWER UNIT INSTALLATION ALLOWANCES

The following orthogonal drawings indicate the main reference dimensions (in cm.) for correct installation of the TD23 / TD23A and TD34 / TD34A central vacuum units.



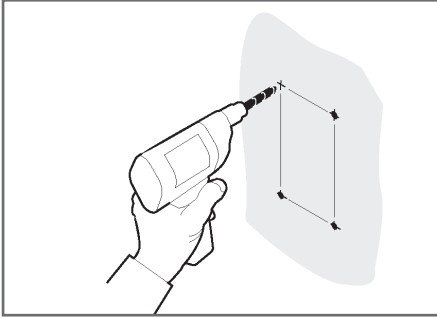
ASSEMBLING AIR EXPULSION FITTING

The air expulsion fitting (D) must be fixed on the dome (I) of the control unit using the 3 screws supplied (V).



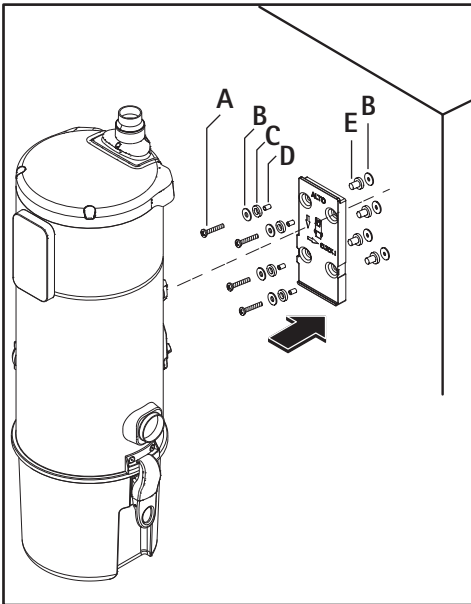
BRACKET FASTENING

1 - Make the holes in the wall



2 - Fasten the bracket to the wall following the described assembly order:

- A - Screw (not supplied)
- B - Flat washer 6x24 (supplied)
- C - Rubber washer (supplied)
- D - End stop (supplied)
- E - Rubber antivibration pad (supplied)

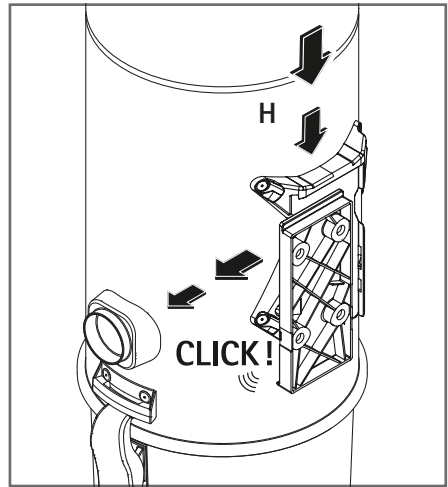


3 - Stand with the central power unit in front of the bracket. With a movement from top to bottom (H) hook the Central power unit support to the bracket slide. Slide the central power unit to the right up to the locking point.

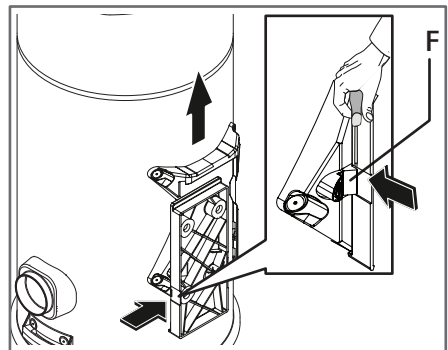
ATTENTION

The lock hook must release with a **CLICK**.

Use a screwdriver for leverage if necessary (see figure 4, letter F).



UNHOOKING THE CENTRAL POWER UNIT



4 - To unhook the central power unit from the support, press the lock hook with the help of a screw driver (F). Slide the central power unit to the left and lift it.

CENTRAL VACUUM UNIT CONNECTION TO THE SYSTEM

All of the central power units have a dual dust inlet to permit the connection of the socket line hose on both sides of the central power unit, making installation easier.

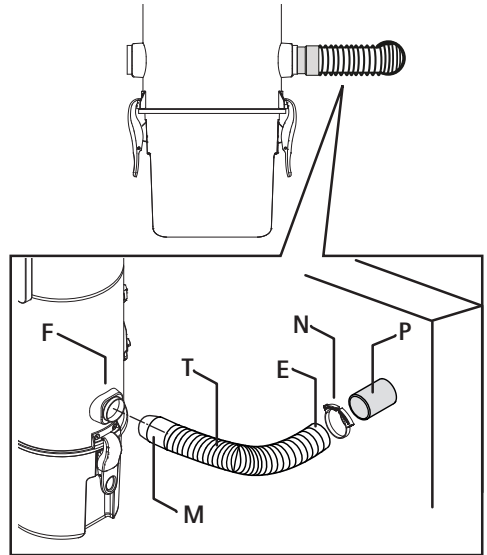
Select the most convenient central power unit dust inlet to connect the dust inlet line.

INSTALLATION KIT

The installation kit is supplied with the central power unit for connection to the system. The kit consists of a 60 cm flexible hose (T) at the end of which is the fitting (M) to be inserted in the unit joint, while the other end (E) must be connected to the system piping (P).

CONNECTION DUST INLET

- 1 - connect the end of the hose (E) to the dust inlet pipeline (P) with a clamp (N).
- 2 - collegare il raccordo (M) del tubo flessibile nel bocchettone (F) della centrale aspirante .



NOTE

SHORTEN THE FLEXIBLE HOSE IF IT IS TOO LONG

SUPPLIED SERVICE VACUUM SOCKET CONNECTION TO THE CENTRAL POWER UNIT

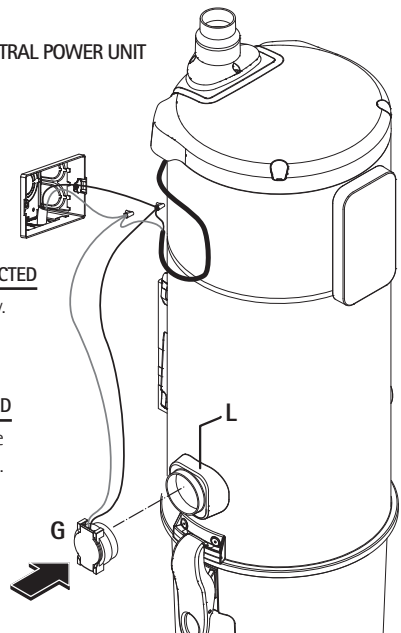
In the unused dust inlet joint (L) install the service vacuum socket (G) where you can connect the hose to clean the surrounding room.

IF THE SUPPLIED VACUUM SOCKET IS NOT ELECTRICALLY CONNECTED

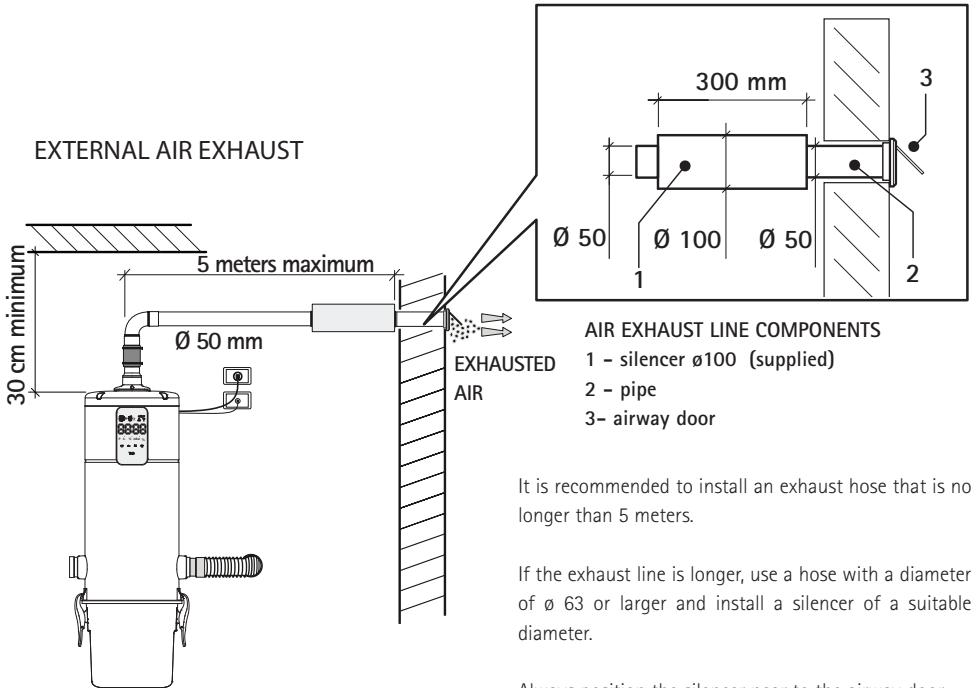
the control unit starts using the START/STOP keys on the display.

IF THE SUPPLIED VACUUM SOCKET IS ELECTRICALLY CONNECTED

the control unit starts when the flexible hose is inserted. Make the electrical connection as indicated in the following drawing.



AIR EXHAUST LINE



ELECTRICAL CONNECTION



DANGER OF ELECTROCUTION

Make sure that the electric line is dimensioned to support the central power unit power and check that the mains network corresponds to the voltage specified on the identification plate.



The central power unit electric power supply system must be installed by qualified personnel in compliance with current applicable regulations.

The manufacturer declines all liability for poor operation or damage to people and/or property due to connection to a non-compliant electric system

CENTRAL POWER UNIT

ELECTRICAL CONNECTION DIAGRAM

The control units are supplied as standard with the connection cables to the 220V power line (5) and to 12V socket line (6).

To connect the sockets line is necessary to wire the white and green wires of the central power unit as indicated in point (7).

ATTENTION



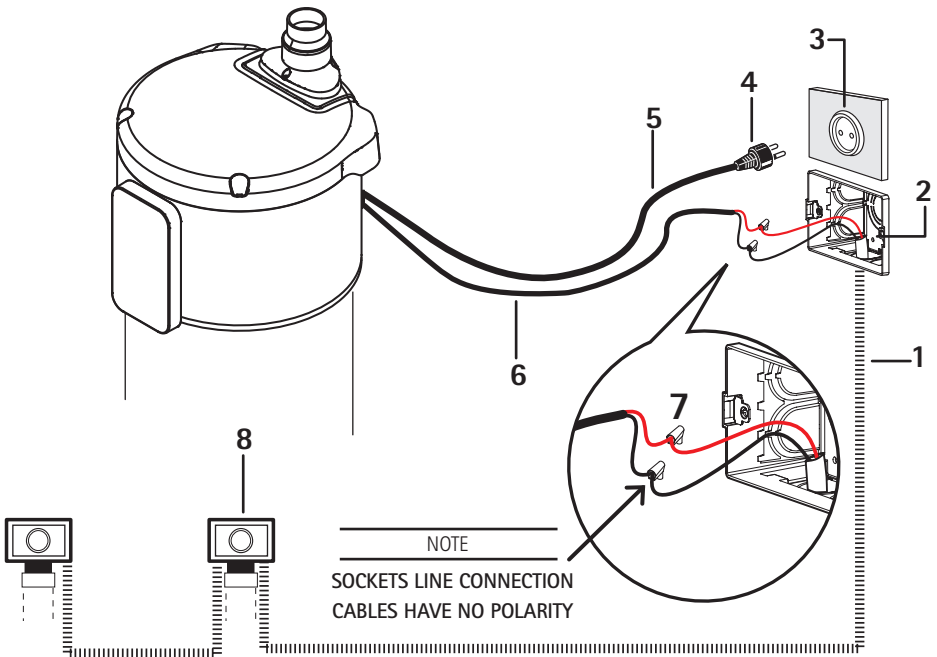
ELECTRICAL DANGER

If the power supply cable is damaged, it must be replaced by AERTECNICA or its Technical Service Centre or in any case by a specialised technician in order to prevent all electrical hazards.

GENERAL COMPONENTS

- 1 - pre-wired sheathing 2x1 ø16 for socket line 12V
- 2 - electric junction box
- 3 - 220/240V power outlet

- 4 - schuko plug
- 5 - electrical cable
- 6 - 12V socket cable line
- 7 - connection of 12V socket line with socket cable
- 8 - socket frame



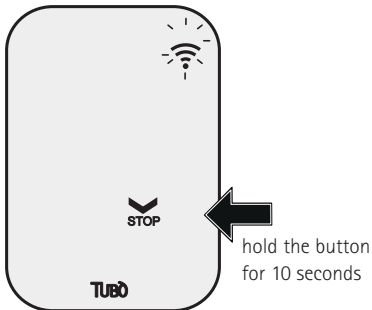
Wi-Fi CONNECTION

The Dynamica central power unit is equipped with 2.4 Ghz Wi-Fi.

Wi-Fi CONFIGURATION

- 1 - connect the central power unit to the power supply.
- 2 - make sure that the central power unit is placed where there is a good Wi-Fi network reception.
- 3 - download the AERTECNICA DEVICE App and register.
- 4 - connect your phone to the Wi-Fi network
- 5 - go on the app homepage, press the + symbol and add the device (centralized vacuum cleaner unit.)
- 6 - hold the STOP button on the control unit display for 10" as indicated by the App.

Once the recognition is complete, on the display of the central vacuum unit will appear the Wi-Fi symbol on.



Wi-Fi STATUS

- symbol on and steady = Wi-Fi connected
- no symbol = Wi-Fi not enabled/not connected
- blinking symbol = Searching Wi-Fi

ATTENTION

If the control unit does not connect to the Wi-Fi network verify:

- A - good reception of the Wi-Fi network, possibly use extender devices.
- B - make sure the bandwidth of the Wi-Fi network used is set to 2.4GHz.



SCAN THE QR CODE

to access **AERTECNICA DEVICE** area
dedicated to app for **Android**
and **iOS** platforms



The control unit is compatible with automated systems such as Amazon Alexa and Google Assistant



DYNAMICA CENTRAL POWER UNIT INSPECTION

The general centralised vacuum system inspection must be done after the final assembly of all vacuum sockets and the selected central power unit.

VERIFY

Activate the central vacuum cleaner using the flexible hose without brushes.

Check the depression value indicator on the display (value in mBar) which must be included in the operating range 120-180 mBar.

If the value is lower, check for any leaks in the system or in the vacuum sockets.

If the value is higher, check for any potential blockages in the system.

SMART TOUCH DISPLAY FEATURES

FILLING OF THE DUST CONTAINER

If it is on steadily, it indicates limited remaining capacity.
It is recommended to check it and proceed with maintenance.

FILTER SATURATION

If it is on steadily indicates that the filter cartridge is saturated.
Proceed with maintenance.

VACUUM POWER

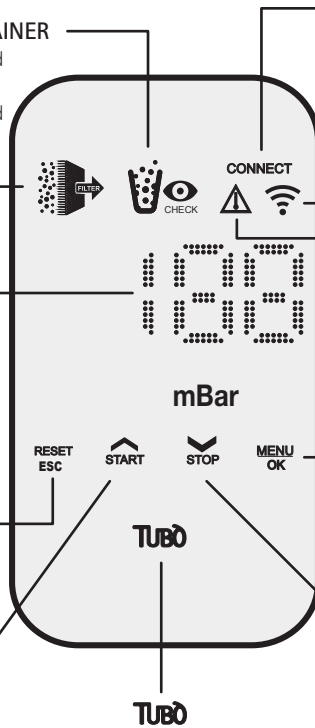
Displays the vacuum power in mBar.

RESET ESC

Press to reset a block or anomaly

START

Press to activate the central power unit vacuum.



CONNECT

Indicates that the external electrical activation contacts of the central power unit is active.

WIFI STATUS

symbol on steady = Wi-Fi CONNECTED
no symbol = WI-FI NOT ENABLED OR NOT CONNECTED
blinking symbol = SEARCHING FOR Wi-Fi IN PROGRESS

TEMPERATURE BLOCKAGE

The central vacuum unit signals an overheating of the motor chamber.

MENU OK

Press multiple times to view the different operational parameters.

STOP

Press to turn of the central power unit vacuum.

Hold for 10 seconds for Wi-Fi configuration.

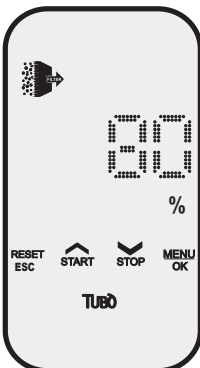
Pressing the TUBO logo you will exit from STAND-BY mode.

% MAINTENANCE LEVELS / WORKING HOURS

Every time it is switched off, the control unit automatically displays the status:

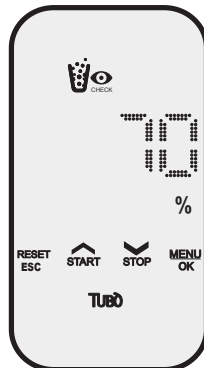
FILTER SATURATION

100% - CLEAN FILTER
0% - SATURATED FILTER

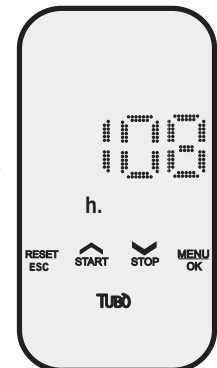


FILLING THE DUST CONTAINER

100% - EMPTY CONTAINER
0% - CONTAINER FULL



TOTAL WORKING HOURS OF THE CENTRAL POWER UNIT

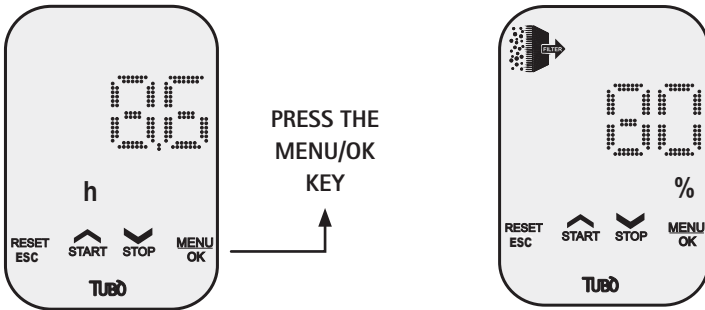


OPERATING PARAMETERS DISPLAYS

To exit STAND BY mode, press the TUBO logo.

While the central power unit is off or in operation, press the MENU/OK key to navigate within the Menu and the operating parameters of the Dynamica central power unit are displayed.

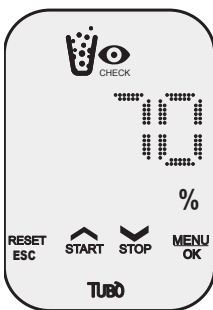
1 – FILTER EFFICIENCY STATUS



Visualize the filter efficiency as a percentage:
100% – CLEAN FILTER
0% – SATURATED FILTER

After maintenance press the RESET key for 2 seconds

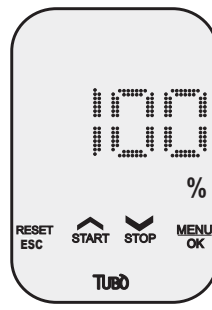
2 – DUST CONTAINER FILLING STATUS



Visualize as a percentage the remaining dust container capacity:
100% – EMPTY CONTAINER
0% – CONTAINER FULL

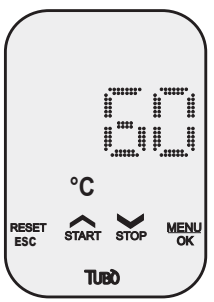
After maintenance press the RESET key for 2 seconds

3 – ENGINE POWER PERCENTAGE



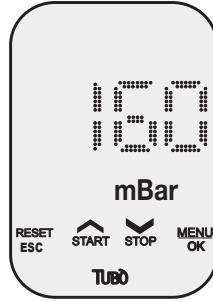
Visualize as a percentage the working power of the motor.

4 – CENTRAL POWER UNIT TEMPERATURE



Visualize the temperature of the motor chamber.






5 – MOTOR VACUUM



Visualize the vacuum power of the motor in mBar.

ANOMALY AND LOCK TABLE

The following Anomaly/Operation block statuses may appear on the control unit:

FLASHING ALERT	SIGNAL	NECESSARY MAINTENANCE
 <p>0 %</p> <p>RESET ESC</p>	FILTER CARTRIDGE SATURATION BLOCK	<p>Central power unit displays that the filter is dirty Clean or replace the filter with a new one.</p> <p>For the block reset, press RESET key for 2 seconds.</p>
 <p>0 %</p> <p>RESET ESC</p>	CONTAINER FILLING STATE OR FILTERING BAG	<p>The central power unit displays to check the filling level of the dust container or filtering bag. If it is full, empty the container or replace the collection bag.</p> <p>For the block reset, press RESET key for 2 seconds.</p>
 <p>TEMPERATURE BLOCK</p>	TEMPERATURE BLOCK	<p>The central power unit displays a motor chamber overheating. Wait for it to cool down until the icon lights up RESET/ESC</p> <p>For the block reset, press RESET key for 2 seconds.</p>
 <p>mBar</p> <p>RESET ESC</p>	HIGH DEPRESSION BLOCK	<p>The central power unit displays that the depression/vacuum value is above the standard level. Check for possible obstructions in the suction pipe or scarce air-flow intake.</p> <p>For the block reset, press RESET key for 2 seconds.</p>
 <p>h.</p> <p>RESET ESC</p>	MAXIMUM OPERATING TIME BLOCK	<p>The central power unit went into block mode because it exceeded the maximum continuous usage time.</p> <p>For the block reset, press RESET key for 2 seconds.</p>
<p>CONNECT</p> <p>RESET ESC</p>	EXCESSIVE STARTUPS BLOCKAGE	<p>The central power unit went into block mode for an excessive number of startups inside 1 minute. Check for any anomalies in the electrical contacts of the vacuuming socket and of the flexible hose.</p> <p>For the block reset, press RESET key for 2 seconds.</p>

MAINTENANCE

Careful maintenance prolongs the life-time of the central power unit and guarantees better performance.

NOTE



Before starting with any maintenance operation, disconnect the central power unit from the power supply.



The central power unit must not be operated without the filter cartridge inserted. Failure to observe this rule could cause damage to the motor that is not covered by the warranty.

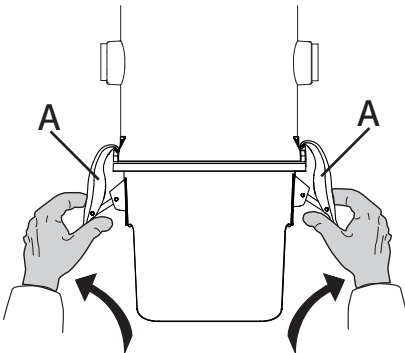
DISPLAY CLEANING

Clean the display with a cloth, possibly microfiber, slightly damp with water only. Do not use aggressive detergents (e.g. Alcohol).

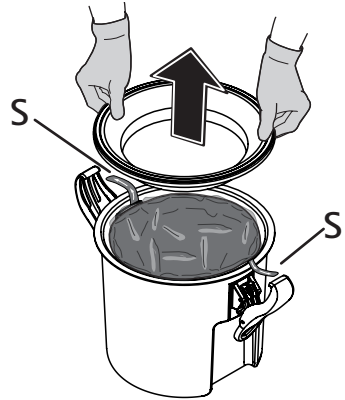
CONTAINER EMPTYING

These central vacuum units indicate on the display the supposed filling level of the container

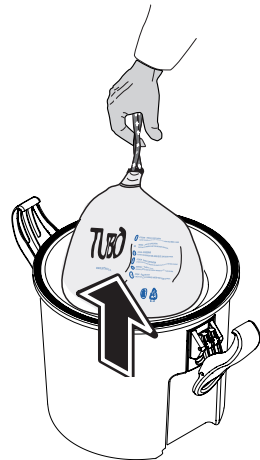
1 - Open the handles (A) laterally and release the dust container.



2 - Place the container on the ground, remove the conveyor cone and pull the strips (S) all the way down to close the bag.



3 - Take the dust bag out of the container and dispose of it.



Dispose of the dust bag once full in the correct way (in compliance with the Environmental standards enforced in the country of use).

FILTER CARTRIDGE REPLACEMENT



Before starting with any maintenance operation, disconnect the central power unit from the power supply.

It is recommended to replace the filter cartridge every 2-3 years.

This period may change depending on the degree of system use.



ATTENTION

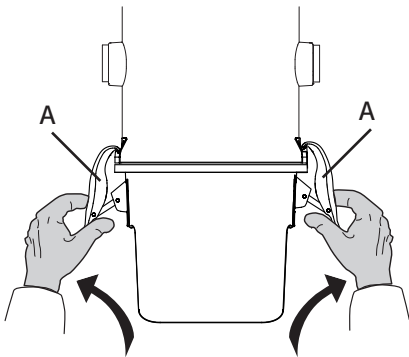


When carrying out this operation, it is easy to come into contact with the dust collected on the cartridge walls.

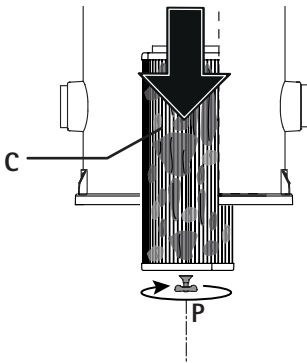


Before removing the filter cartridge, it is recommended to wear suitable personal protective garments.

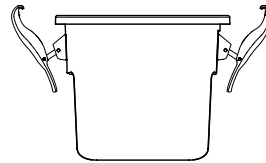
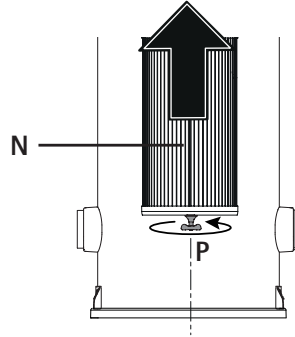
1 - Open the dust container rotating the handles (A)



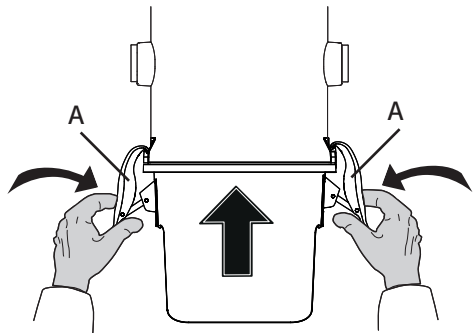
2 - Unscrew the knob (P) that fastens the cartridge (C) and remove it from its housing.



3 - Insert a new cartridge (N) and tighten the knob completely (P).



4 - Rehook the dust container and close the handles (A).



NOTE

The central power unit must not be operated without the filter cartridge inserted. Failure to observe this rule could cause damage to the central power unit motor.



USE ONLY ORIGINAL AERTECNICA SPARE PARTS

FILTER CARTRIDGE REGENERATION

The Central power unit signals the status of the filter with the display as described on page 16 in DRAWING 1



ATTENTION



When carrying out this operation, it is easy to come into contact with the dust collected on the cartridge walls.



Before removing the filter cartridge, it is recommended to wear suitable personal protective garments.

CLEANING THE CARTRIDGE WITH THE SYSTEM ITSELF

It is recommended to use the system itself to aspirate the coarser dust from the saturated filter cartridge.

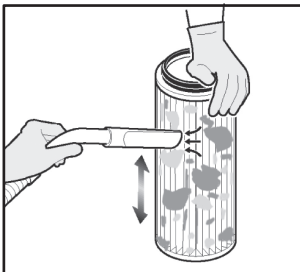
To do this you need to enter a second filter cartridge in the control unit.

ATTENTION

The central power unit must not be operated without the filter cartridge inserted. Failure to observe this rule could cause damage to the central power unit motor.

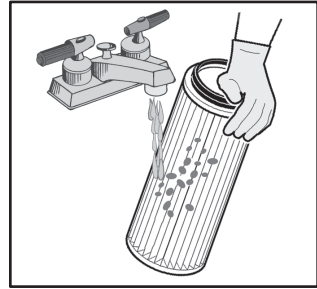


USE ONLY ORIGINAL AERTECNICA SPARE PARTS

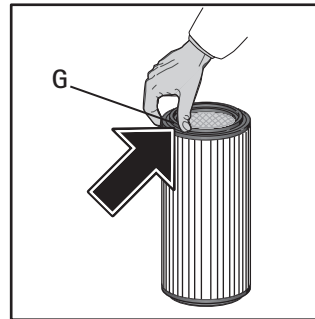


CLEANING WITH A JET OF WATER

1 - The polyester cartridge can be washed with a mild jet of water, to remove the dust that penetrated the folds of the filtering cloth.

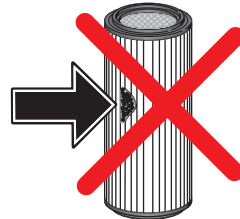


2 - Allow the cartridge to dry completely and check the gasket condition (G).



ATTENTION

Make sure that on the filtering cloth of the cartridge there are not any tears or cuts on the cartridge walls. In this case the damaged cartridge must be replaced with a new one.

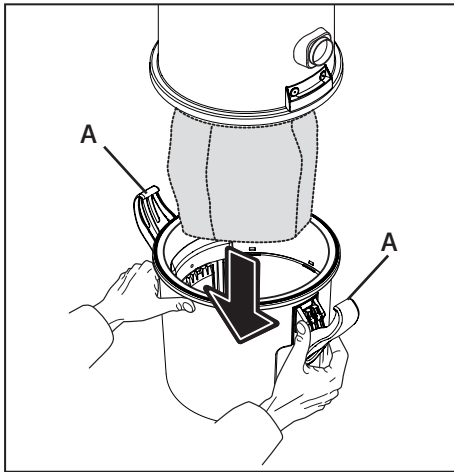


Dispose of the dust bag once full in the correct way (in compliance with the Environmental standards enforced in the country of use).

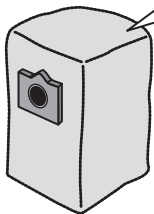
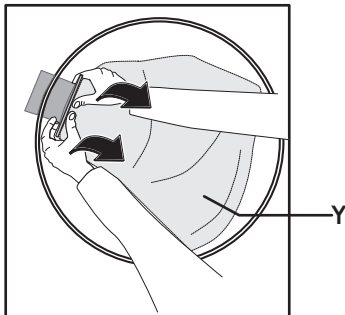
MULTILAYER COLLECTION BAG REPLACEMENT

(the bag is optional)

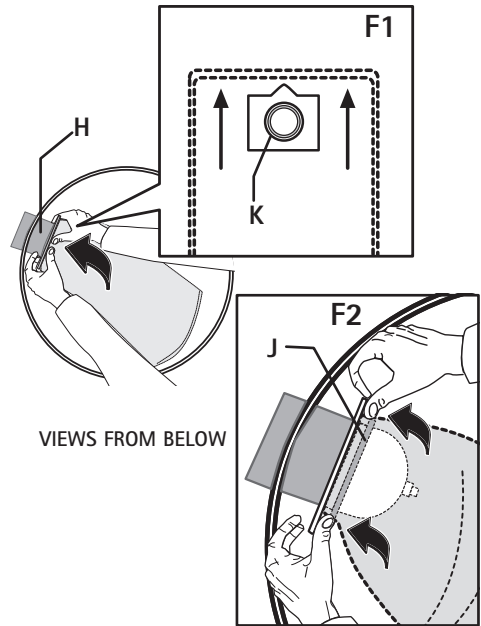
1 - Open the dust container rotating the handles (A)



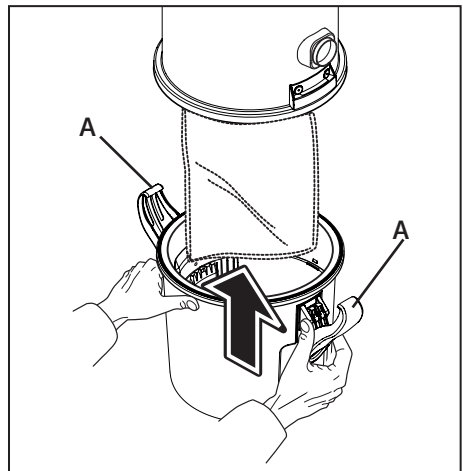
2 - Remove the dust collection bag (Y) and discard it.



3 - Fit a new dust collection bag with the filler neck connected to the vacuum line. Insert into the fitting (H) and the filtering bag oriented as in the figure (F1). The membrane (K) of the collection bag must pass through the ring (J) of the fitting as shown in the figure (F2).



4 - Rehook the dust container and close the handles. (A).



5 - It is recommended to replace the filter cartridge every 2-3 years., as indicated on page 19.

CENTRAL POWER UNIT DISPOSAL

At the end of its life cycle, the machine must be disposed of in compliance with current applicable regulations. The following table specifies the material with which the central power unit is built.



IMPORTANT

The material listed below must be divided and stored to be recycled or disposed of in compliance with the environmental regulations valid in the country of use.

TYPE OF MATERIAL	PRESENCE IN	SPECIFIC	DISPOSAL
PLASTIC AND RUBBER	dust container	polypropylene	The regulations that govern the disposal and demolition of the central power unit, its components and the possible polluting material and substances change depending on the country of final use.
	cup, joint	polypropylene	
	under motor gasket	thermoplastic rubber	
	motor ring	nylon	
	filter cartridge	polyester + ABS	
	mounting bracket	30% glass filled nylon	
	fastening bracket	rubber	
	rubber sleeves	SBR/NR rubber	
	wiring clamps	nylon	
	adhesives	PVC	
	handles	nylon	
	gaskets	mousse and pivylene	
silencer	polystyrene	It is recommended to contact authorised organisations and agencies and to respect the current applicable legal regulations	
GALVANISED COMPONENTS	screws and rivets		stainless steel
WINDINGS	electric motor and wiring		copper
ELECTRICAL COMPONENTS	electronic card		misc material
	engine		misc material
	led		misc material
	electric wires		copper
	socket cable line		copper
	schuko plug		copper
METAL COMPONENTS	central body		stainless steel
	clamps and pivots		galvanized steel
PACKAGING	box		cardboard
	interpads	cardboard	
	bags	polyethylene	

TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
There is no air intake from all the sockets	Power supply cable disconnected	Connect the power supply cable
	12V socket cable line not connected or incorrectly connected	Connect the 12V socket cable line or check the wiring
	The dust container is not correctly hooked	Rehook the container correctly.
There is no air intake from a socket	The microswitch or the electrical contacts of the vacuum socket are damaged.	Verificare il collegamento elettrico o chiamare un tecnico specializzato.
	There is clogging in the system	Call a specialised technician.
Low amount of air intake	There is clogging in the system	Call a specialised technician.
	The filter cartridge is saturated	Perform cartridge maintenance.
	Multiple vacuum sockets are being used at the same time on the system	The central power unit may only be used by one operator at a time.
	The dust container gasket is damaged or out of position	Check the position of the dust container gasket.
	The air exhaust line is clogged	Clear the air expulsion line. If the HEPA filter is present, clean it.
	The hose is partially obstructed	Free the obstruction from the hose.
	Air loss in the dust inlet which is not connected to the system.	Verify that in the unused dust inlet joint the service vacuum socket is correctly installed. (see page 10)
The central power unit always remains activated even with the sockets closed	The microswitch or the electric contacts in a vacuum socket are damaged.	Call a specialised technician.
	The electronic card is defective	Call a specialised technician.
The SMART TOUCH display is off	The central power unit power supply cable is disconnected	Connect the power cable
	The protective fuse burnt out.	Call a specialised technician.
	The electronic card is defective	Call a specialised technician.
Call a specialised technician for other causes that are not covered in this manual		

EN

The descriptions and illustrations may change. Aertecnica SpA reserves the right to modify the product and the related technical documentation without incurring any obligation to third parties.



UNI EN ISO 9001
Quality Management
UNI EN ISO 14001
Environmental
Management standards

AERTECNICA S.p.A.

Via Cerchia di Sant'Egidio, 760 - 47521 Cesena (FC) - ITALY
Tel. +39 0547 637311 / Fax +39 0547 631388

info@aertecnica.com

www.aertecnica.com