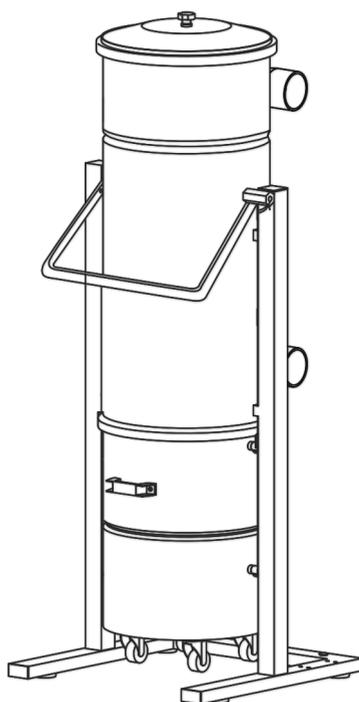
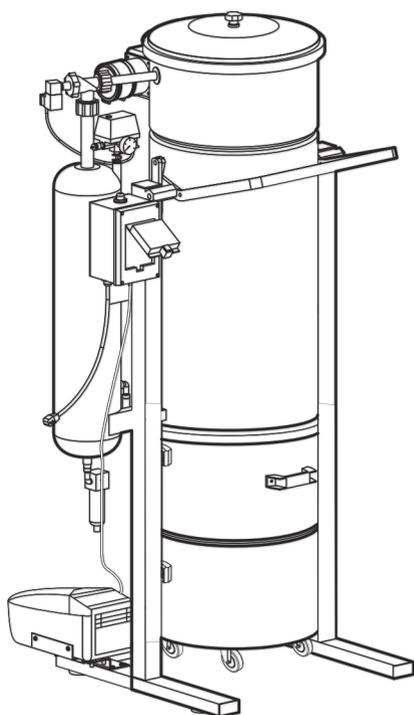


DUST SEPARATOR - CLASSIC SERIES

MODELS: LT 100 AC / LT 150 AC
LT 100 AC AUX / LT 150 AC AUX
LT 100 / LT 150



EN

Version translated from the original

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EC CONFORMITY DECLARATION OF A MACHINE



The manufacturer AERTECNICA. S.P.A declares under its own responsibility that the product:

SERIES: CLASSIC DUST SEPARATORS

**MODELS: LT100 AC / LT150 AC - LT100 AC AUX / LT150 AC AUX
LT100 / LT150**

COMPLIES WITH

to the essential health and safety requirements established by the following Directives:
The Directive 2006/42/EC (Machinery directive) and subsequent amendments and additions.

The Directive 2014/30/UE (EMC directive) and subsequent amendments and additions.

The Directive RoHS III 2011/65/UE (Dangerous substances and limits) and subsequent amendments and additions.

APPLIED HARMONIZED STANDARDS:

EN ISO 12100:2010

IEC 60335-1:2012 + A11:2014, A13:2017, A1:2019, A14:2019, A2:2019, A15:2021

IEC 60335-2-69:2012

EN 62233:2008

EN IEC 61000-6-2:2019

EN IEC 61000-6-4:2019

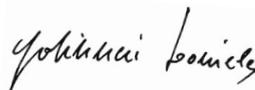
EN IEC 61000-3-2:2019 + A1:2021

EN 61000-3-3:2013 + A1:2019 + A2:2021

CESENA, li 02/07/2025

The declarant

Daniele Golinucci



GENERAL INFORMATION

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 INTENDED 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.

ATTENTION

AERTECNICA reserves the right to modify the product and the related technical documentation without incurring any obligation towards third parties.

No part of this manual may be reproduced, copied or distributed in any manner without written authorisation from Aertecnica.

WARRANTY

Warranty conditions for the European Union

Aertecnica ensures the correct operation of the purchased central power unit for a period of 24 months from the documented date of purchase.

If there is no documentation that proves the purchase date (invoice or tax receipt), the 24-month period will refer to the date it was sold by AERTECNICA.

Any additional warranty conditions will be exclusively charged to those who offer them.

For any dispute, the Court of Forlì-Cesena (ITALY) shall have exclusive jurisdiction and Italian law will apply.

Warranty conditions outside the European Union

For countries outside of the European Union the guarantee shall be borne by the importing company and the warranty conditions are those provided by the law of the country where the product is imported to.

SAFETY

The operator must accurately comply with the operating instructions shown by the pictograms in order to guarantee the safety of persons and correct operation of the dust separator.



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



ELECTRICAL DANGER: make sure that the central power unit is connected with the relative cable to a standard compliant earthing system.

The electricity mains and relevant socket must be appropriate to the rated power of the central power unit. For outdoor installations, the power socket must have an appropriate proper IP protection.



RISK OF CRUSHING: during handling and installation phases of the central power unit, we recommend the use of suitable means for lifting and carrying out the installation as described, in order to avoid the unit accidentally falling.



Do not insert your upper limbs inside the unhooking/hooking mechanism of the dust container.



DANGER OF DAMAGING THE UNIT: follow the use instructions in order to avoid consequences which may lead to damage of the 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.



SENSIVITY TO DUST: this means that hand protection must be used to prevent any harm to operators who are sensitive to the collected dust.

CERTIFICATIONS

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



Quality system UNI EN ISO 9001

IDENTIFICATION

This user and maintenance manual refers to the following models of the dust separators

SERIES: CLASSIC

MODELS: LT100 AC / LT150 AC

LT100 AC AUX / LT150 AC AUX

LT100 / LT150

MANUFACTURER

AERTECNICA S.p.A.

Via Cerchia di Sant'Egidio, 760

47521 Cesena (FC) ITALY

Tel. +39 0547/637311

info@aertecnica.com

www.aertecnica.com

TECHNICAL SERVICE

The Technical Service Centre can be contacted for all technical problems and if spare parts are needed. For all communications concerning the dust separator, the user should always provide the following data:

model of the dust separator

serial number

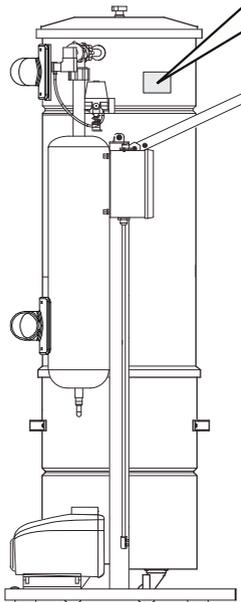
year of manufacture

purchase date and detailed information about the issues found.

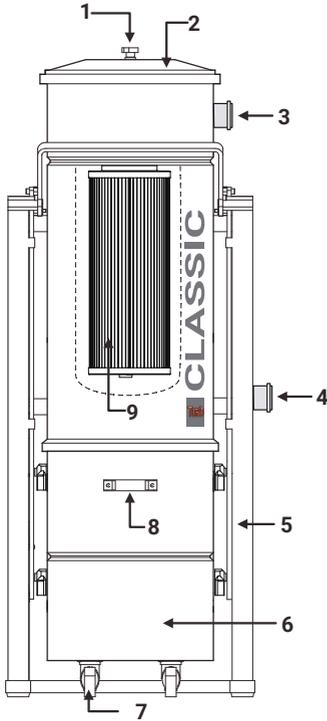
IDENTIFICATION PLATE

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

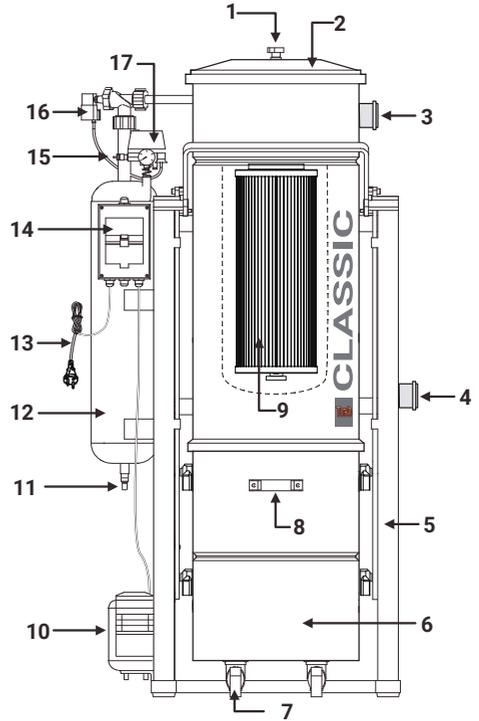
			
Aertecnica S.p.A. via Cerchia di Sant'Egidio, 760 47521 Cesena-Italy			
MODEL	<input type="text"/>	SERIAL N°	<input type="text" value="CI25825170013"/>
VOLTAGE	<input type="text"/>	Max working temperature	<input type="text"/>
FREQUENCY	<input type="text"/>	Min working temperature	<input type="text"/>
POWER	<input type="text"/>	Max working pressure	<input type="text"/>
NET WEIGHT	<input type="text"/>	Self-cleaning tank capacity	<input type="text"/>
YEAR	<input type="text"/>		



DESCRIPTION OF PARTS



Dust Separator



Air Cleaning Dust Separator

on all models of dust separators

- 1 - fixing knob dome separator
- 2 - dome separator
- 3 - air expulsion
- 4 - dust inlet
- 5 - support frame
- 6 - dust container
- 7 - wheels of the dust container
- 8 - ergonomic handle
- 9 - polyester filter cartridge

only on Air Cleaning models

- 10 - air compressor for self-cleaning system (*absent on AUX models*)
- 11 - condensation drain valve
- 12 - self-cleaning tank
- 13 - electrical panel power cable
- 14 - electrical panel
- 15 - safety valve
- 16 - solenoid valve
- 17 - pressure switch

TECHNICAL DATA

CLASSIC dust separators							
MODELS		LT100 AC	LT100 AC AUX	LT100	LT150 AC	LT150 AC AUX	LT150
COMMERCIAL CODE		CI242	CI242.1	CI232	CI258	CI258.1	CI251
Simultaneous operators		4	4	4	6	6	6
Filter cartridge surface	cm ²	35.000	35.000	35.000	78.000	78.000	78.000
Filter cartridge material		polyester	polyester	polyester	polyester	polyester	polyester
Air Cleaning system		Yes	Yes - AUX	No	Yes	Yes - AUX	No
Auxiliary compressed air line connection		No	Yes - AUX	No	No	Yes - AUX	No
Air compressor		Yes	No	No	Yes	No	No
Power supply electrical panel	Volt	220/240	220/240	No	220/240	220/240	No
Operating pressure	Bar	4	4	-	4	4	-
Self-cleaning tank capacity	litres	12	12	-	12	12	-
Dust Container capacity	litres	100	100	100	150	150	150
Separator diameter	cm	46	46	46	56	56	56
Dust inlet diameter	mm	80	80	80	100	100	100
Air expulsion diameter	mm	80	80	80	100	100	100
Total height	cm	177	177	177	177	177	177
Total large	cm	83	83	66	93	93	76
Total depth	cm	64	64	64	68	68	68
Weight	kg	96	87	67	111	102	82

INTENDED USE

The dust separator has been designed **to aspire only class L dust**, including common household dust, earth and lime dust considered to be low toxicity dust.

The dust collection bag must be replaced with a new one every time it fills.

The filter cartridge can be regenerated periodically, and should be changed at least every 2-3 years or immediately in the event of breakage.

ATTENTION

INCORRECT USE

In order to guarantee proper operation of the dust separator 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 vacuum liquids, materials saturated with liquids or very moist materials: these materials could cause the electric system to short circuit, prevent the proper passage of the dust or damage the sockets and 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.

USER

The user must be in good physical and psychological condition.

The user must always be alert during use of the system in order not to trip on the hose or cleaning accessories connected to the system, and must adopt the same safety measures for the persons present in the room with him.

The user must be over the age of 14 years.

ATTENTION



Wear personal protective garments before emptying the dust container



or replacing/cleaning the filter cartridge

INSTALLATION

TRANSPORT

Check the overall mass of the dust separator shown on the identification plate and use the described means for proper handling.

We recommend that you do not remove the packaging until installation so as to prevent any knocks and damage.



Use personal protective equipment during transportation and installation of the unit.

RISK OF CRUSHING



Use a forklift truck during the transport and movement of the central power unit. Proceed at reduced speed, keeping the load at a low level to avoid risks of overturning.



INSTALLATION LOCATION

The central power unit must be installed in service areas (for example technical compartment, engine room) which are well ventilated and protected from significant temperature changes.

The power supply line of the correct voltage indicated on the unit identification plate, and also the vacuum socket consent line for the activation of the vacuum system, must be set up close to the central power unit.

The installation room must be sufficiently large to allow maintenance work.

The temperature of the installation room must be $0^{\circ} \leq$ room temperature $\leq 35^{\circ}$

The installation room must be sufficiently illuminated (minimum 200 lux) to allow maintenance work.

The installation room must have an air exchange rate per hour ≥ 0.5 v/room (volume/room).

The central power unit must not be placed in an environment classified as ATEX.

ATTENTION

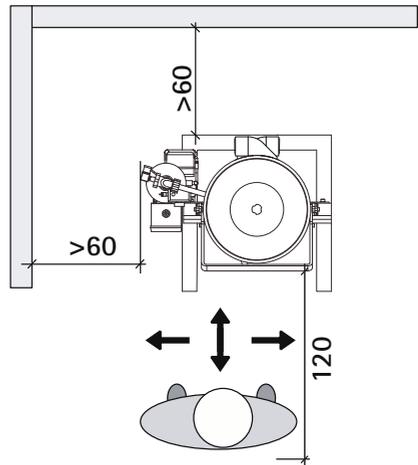


Packaging parts of the central power unit are inert solid waste that must be disposed of according to current applicable regulations.

POSITIONING

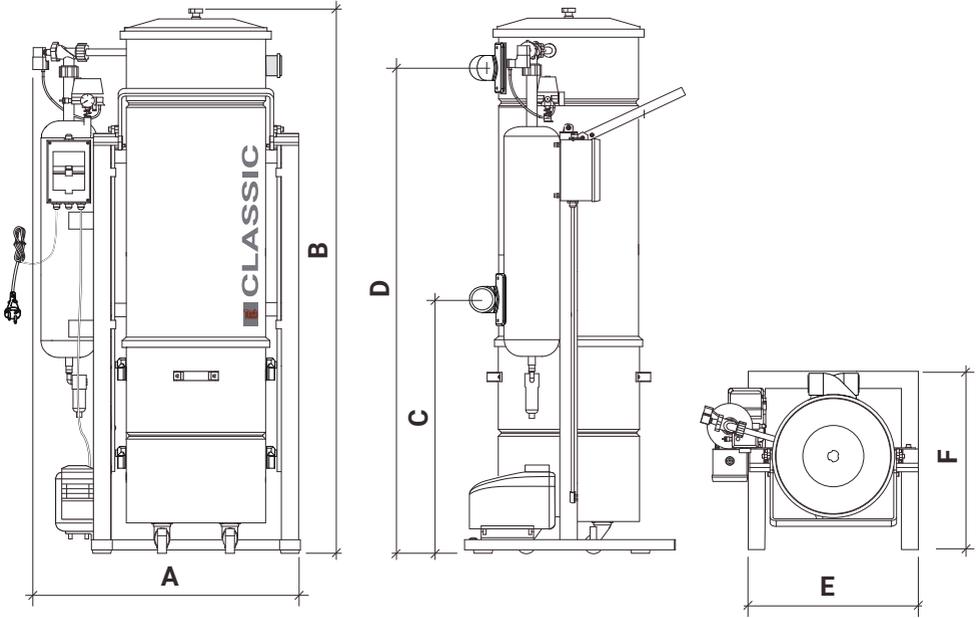
Ensure that the levelling of the floor on which the base of the unit rests is optimal. The floor must have adequate structural strength to support the weight of the unit as shown on the identification plate.

Leave the indicated free space (in cm) around the unit, to allow cleaning and maintenance by the operator.



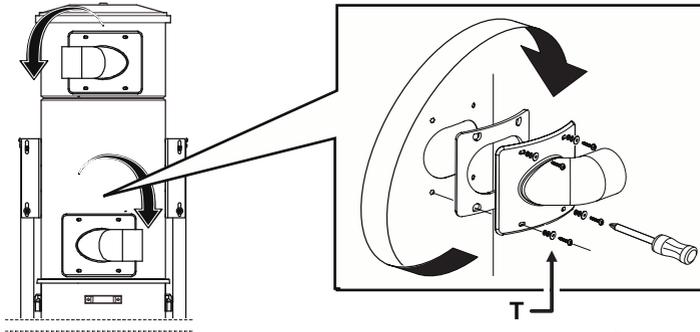
MATERIALS	DISPOSAL
cardboard packaging	paper
fir wood ecological pallets	wood
stretch film	plastic
metal carpentry	iron

DIMENSIONS (in cm.)



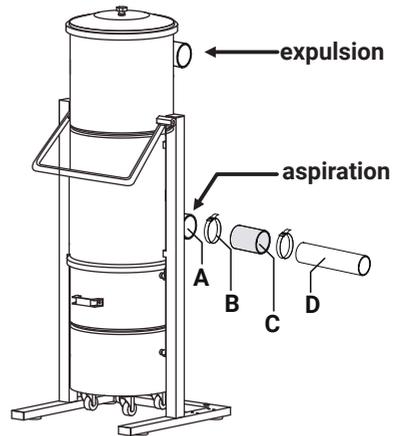
	LT100 AC	LT100 AC AUX	LT100	LT150 AC	LT150 AC AUX	LT150
	CI242	CI242.1	CI232	CI258	CI258.1	CI251
A	83	83	66	93	93	76
B	177	177	177	177	177	177
C	82	82	82	84	84	84
D	151	151	151	154	154	154
E	66	66	66	76	76	76
F	64	64	64	68	68	68

DUST INLET LINE CONNECTION



The connection of the dust separator with the dust line is facilitated by the possibility of orienting the inlet opening in two opposite directions, by unscrewing the screws and washers (**T**) and after rotating the opening putting them back the same way, as indicated on the side.

- A - inlet pipe connectors
- B - clamps
- C - sleeve
- D - dust input pipe line Ø80



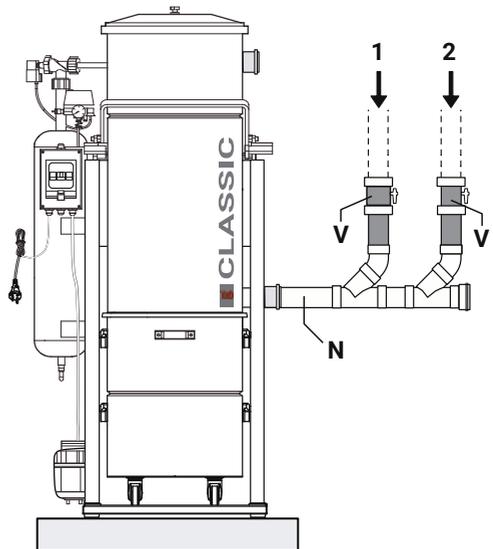
Dust collector

The dust separator (especially the one for two/three operators) can be connected with more than one dust input line.

In this case we recommend that you install a dust collector (**N**).

The collector (**N**) receives the different dust lines coming from the power unit.

At the base of each dust line, we recommend that you install a special ball valve (**V**) by means of which you can exclude the line from the whole vacuum system of the building.



AIR EXHAUST LINE CONNECTION

Install a Ø80 exhaust line pipe that is no longer than 5 metres.

If the exhaust line is longer, use diameter Ø100 and mount the silencer of the same diameter.

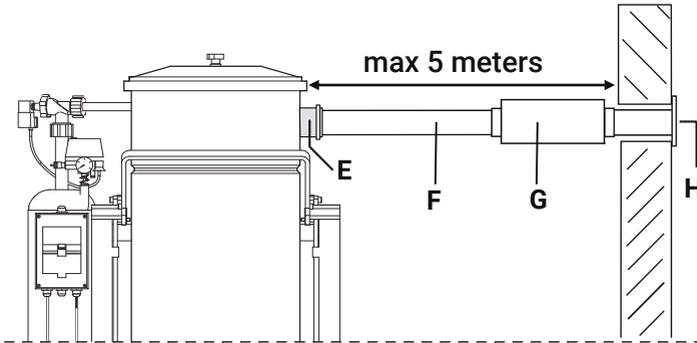
CONNECTION

E - air exhaust pipe connector Ø80

F - air exhaust line pipe

G - silencer (not supplied)

H - exhaust grill



ELECTRICAL CONNECTION

The Air Cleaning separators are equipped with an electrical panel that must be powered by a 220/240V electrical line.

 **The electrical system of the central power unit must be made by qualified professionals and in accordance with applicable regulations.**

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

The manufacturer assumes no responsibility for malfunction or damage to persons and/or property resulting from the incorrect connection to the electrical system.

I - 220/240 circuit breaker

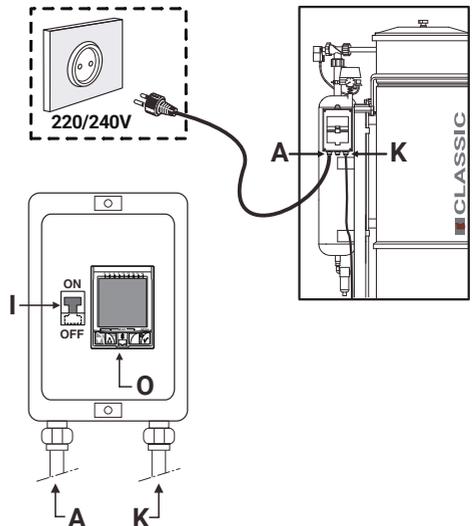
O - Digital clock switch

A - 220/240V power cable to electrical panel

K - Compressor power supply / Auxiliary air line

ELECTRICAL DANGER

If the power supply cable is damaged, it must be replaced by a technical service centre or in any case by a specialised technician in order to prevent all electrical hazards.



AIR CLEANING AUX SEPARATOR - COMPRESSED AIR CONNECTION

only for LT100 AC AUX and LT150 AC AUX models

The AIR CLEANING AUX separator is designed by Aertecnica to be connected to the compressed air line or to a compressor already present in the room where it is used.

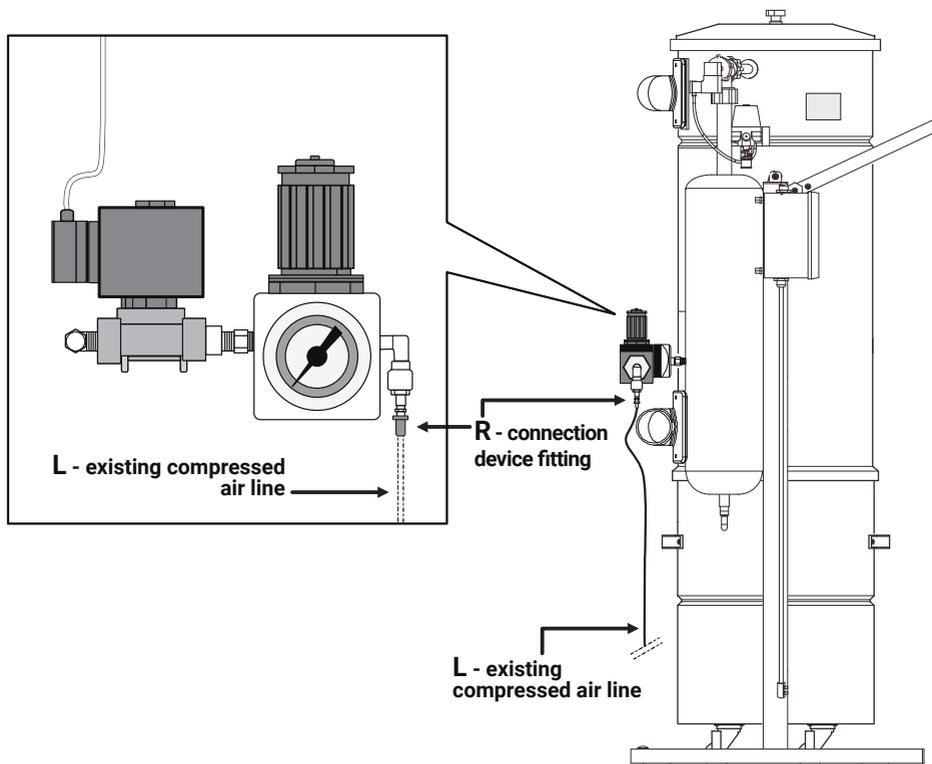
NOTE

The system includes a pressure regulator with a 3/8 female quick coupling and a male quick tap.

For correct operation, an operating pressure greater than 4 bar is required.

CONNECTION

Connect the existing compressed air line (L) to the fitting (R) of the separator, as shown in the figure.



AIR CLEANING SYSTEM

All the self-cleaning system regulation devices such as the pressure switch and the safety valve are already calibrated by the manufacturer and do not need to be modified.

The air self-cleaning system keeps the filter free of obstructions, thus improving suction efficiency and reducing routine maintenance.

The system generates short bursts of air in the opposite direction to the normal suction flow, shaking and loosening dust accumulated on the filter.

Self-cleaning can be activated automatically by clock, setting daily cycles at regular intervals, or manually using the button.

The frequency of automatic cleaning cycles must be set based on system use and the type of material being vacuumed.

HOW TO SET SELF-CLEANING

Air Cleaning Systems with integrated compressor, LT100 AC and LT150 AC.

We recommend setting the self-cleaning time to 5% of the system's daily usage time (max. 5 minutes).

Example: 1 hour of system use = 3 minutes of self-cleaning.

If the self-cleaning time is longer than 5 minutes, program an additional time slot at least 30 minutes apart.

Example: 3 hours of system use = 4 minute of self-cleaning with 2 programs.

Air Cleaning AUX systems with auxiliary compressed air line connection LT100 AC AUX and LT150 AC AUX.

It is recommended to set the self-cleaning operating time equal to 2% of the daily usage time of the system.

Example: 1 hour of system use = 1 minute of self-cleaning.

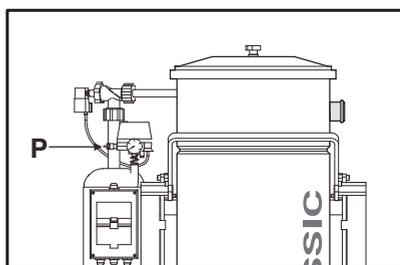
For intensive applications, the self-cleaning cycle time and daily program frequency can be increased.

ATTENTION

 The Separator's self-cleaning system is set to an operating pressure value ≤ 4 Bar. The tank falls within segment B regulated by Directive 2014/29/EU, relating to simple pressure vessels manufactured in series.

NOTE

The safety valve (P) intervenes if the maximum pressure threshold is exceeded, discharging the excess pressure.



NOTE

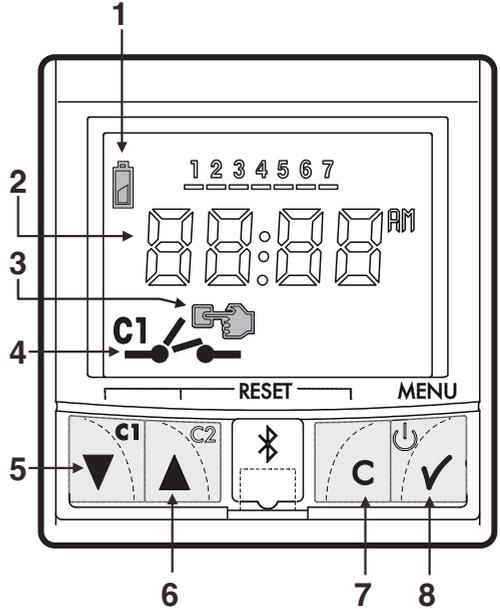
It is advisable to use the self-cleaning system when the vacuum cleaner is not in operation.

AIR CLEANING SYSTEM CONTROL PANEL

When the separator is powered, the display parameters that intervene in the Air Cleaning self-cleaning system are:

- 1 - Low battery status symbol
- 2 - Hour /
Date
- 3 - Manual operation:
"temporary" C1 (flashing)
"permanent" C1 (steady)
- 4 - C1 relay status symbol **ON** **OFF**

- 5 - Scrolling down in menus /
C1 manual relay operation
- 6 - Scrolling up in menus
- 7 - Cancel operation /
Back to menu
- 8 - OK /
Access the menu /
Activate the display without power



PROGRAMMING

Programming is based on menus and submenus that can be used to set operations or adjust the device.

The Main menu can be accessed from the standby screen by pressing

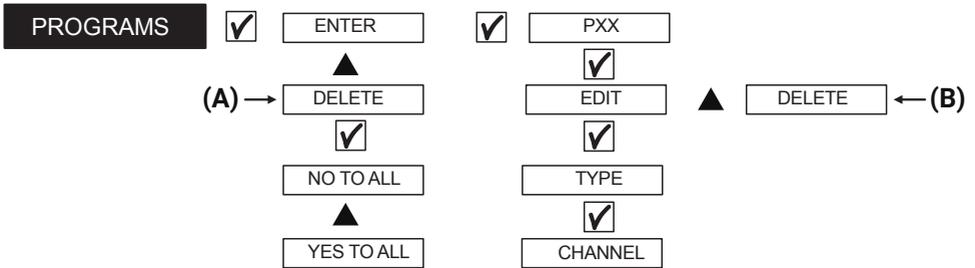
With keys ▼ and ▲ we will move through the different menus and by pressing we will access them

To go back to the previous menu we press C.

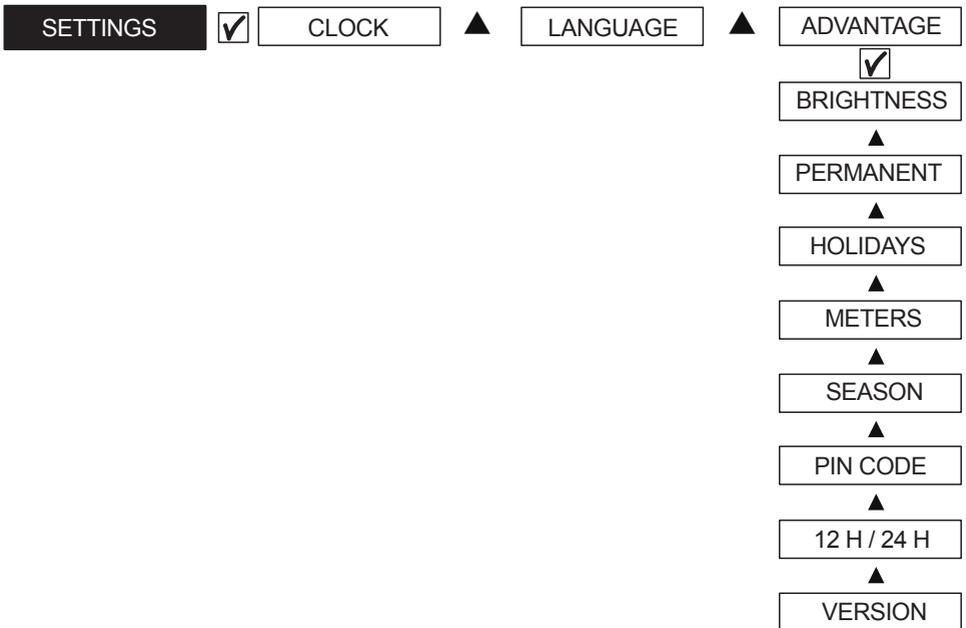
The details to be programmed appear on screen until you confirm it with the button

MAIN MENU

Below is the main menu structure:



Under the SETTINGS menu you can manage the following parameters:



PROGRAMS

This is the menu where the different operations are programmed. There are 40 memory spaces (P-01 to P-40).

ENTER - We enter by pressing .

When entering this menu, if any programs have already been stored, the first program that was stored appears in the display text line: "P-01" and with the taste ▲ key we can go up the different stored programs until we reach the first empty program, in which the display text line will show "P-XX EMPTY" alternating with the number of programs available left in the memory of the device.

When entering this menu, if no other programs have been created, the display text line will show: "P-01 EMPTY" alternating with "40 LEFT" referring to the memory spaces available.

If we wish to modify or create a program we move to it with the ▼ or ▲ keys, and press we select one of the following options :

- **EDIT** the screen displays alternately: **EDIT** and "P-01"..."P-40" with time, days and status of the flashing relay; by pressing we move on to choosing the type of operation:
- **TYPE ON**: Switch-on of the connected circuit at a fixed time;
- **TYPE OFF**: Switch-off of the connected circuit at a fixed time;

Next, we enter the operation starting hours and the rest of the necessary times according to the selected operation.

Example:

To set the self-cleaning to turn on at 2.00 pm, I select parameter P01 as shown below:

MENU	<input checked="" type="checkbox"/>	PROGRAMS	<input checked="" type="checkbox"/>	ENTER	<input checked="" type="checkbox"/>	P01	<input checked="" type="checkbox"/>	EDIT	<input checked="" type="checkbox"/>	TYPE	ON	<input checked="" type="checkbox"/>
		Channel	<input checked="" type="checkbox"/>	Hour and min	<input checked="" type="checkbox"/>	Days of the week	<input checked="" type="checkbox"/>					
		C1	<input checked="" type="checkbox"/>	14.00	<input checked="" type="checkbox"/>	MON...SUN	<input checked="" type="checkbox"/>	P01 OK				

We choose to perform the switch-off program at 14.05, I select parameter P02 as shown below:

MENU	<input checked="" type="checkbox"/>	PROGRAMS	<input checked="" type="checkbox"/>	ENTER	<input checked="" type="checkbox"/>	P02	<input checked="" type="checkbox"/>	EDIT	<input checked="" type="checkbox"/>	TYPE	OFF	<input checked="" type="checkbox"/>
		Channel	<input checked="" type="checkbox"/>	Hour and min	<input checked="" type="checkbox"/>	Days of the week	<input checked="" type="checkbox"/>					
		C1	<input checked="" type="checkbox"/>	14.05	<input checked="" type="checkbox"/>	MON...SUN	<input checked="" type="checkbox"/>	P02 OK				

NOTE: To set a self-cleaning cycle you need to edit 2 programs :

P01 - ACTIVATION PROGRAM - **C1 ON**

P02 - SHUTDOWN PROGRAM - **C1 OFF**

DELETE (A - see diagram on page 17)

This option allows for deleting all the operations of the last 40 programs in just one step.

DELETE (B - see diagram on page 17)

Confirming with the button deletes only the selected program.

Since all programs are stored consecutively, deleting one program can change the number assigned to each one of them.

RESET. SET TO ZERO.

Starting on standby mode (main screen), press the **C (7 - see diagram on page 17)** key and while keeping it pressed press the **▼** and **▲** keys simultaneously for more than 3 seconds. The display gets turned off, all programming is deleted.

The device must be powered.

We can also perform a quick deletion that does not affect the programming by pressing the four keys simultaneously (**RESET - see diagram on page 17**).

The device must be powered.

BATTERY REPLACEMENT

The device has a power-reserve of 4 years, by means of a replaceable CR2032 lithium battery

Battery replacement (3) is made by removing the battery holder placed on the front of the device through a flat-head screwdriver (2). Observe the battery polarity as marked on the battery holder. When the battery is dead and the device is powered the battery symbol appears on screen (1).

Note: When changing the battery the device's programming is not lost, and neither is the current time.

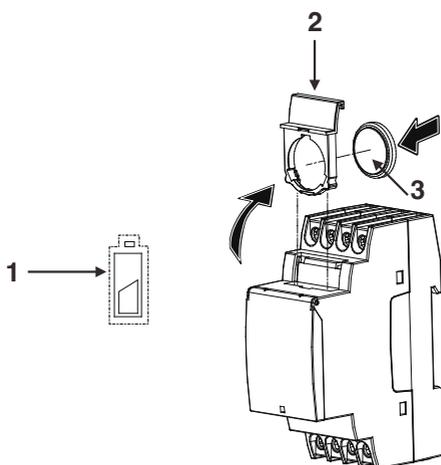
TURN OFF THE POWER SUPPLY TO REPLACE THE BATTERY

Legend

1 - battery symbol

2 - battery support

3 - CR2032 lithium battery





ORDINARY MAINTENANCE

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



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



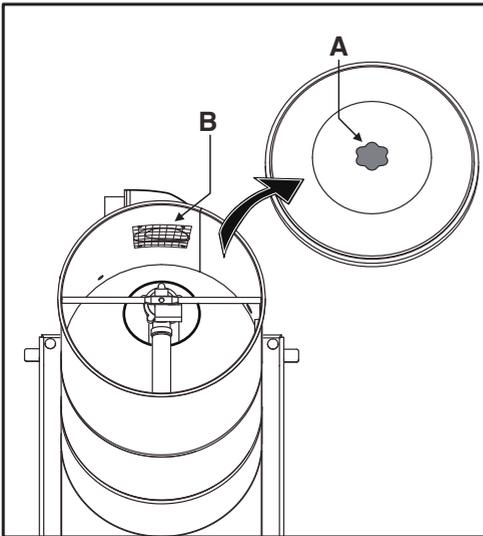
Do not insert your upper limbs into the dust container release/attachment mechanism.

SUCTION CHAMBER CLEANING

Periodically (every 2 times a year) check the cleanliness inside the dust separator suction chamber.

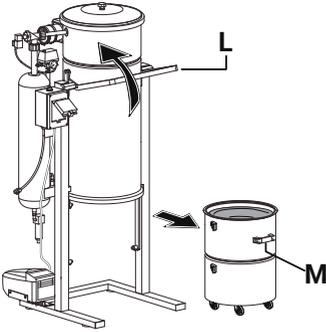
1 - Unscrew the knob (A) and remove the cover.

2 - check the air expulsion grille (B).
If it is dirty, clean it with a damp cloth.

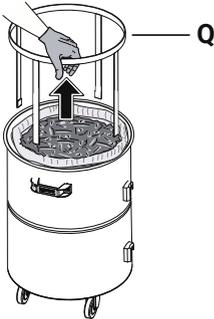
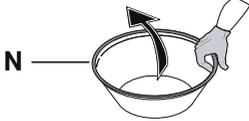


EMPTYING THE DUST CONTAINER

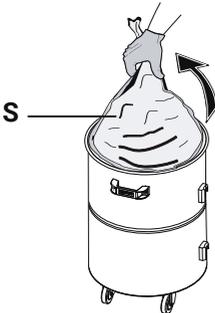
1 - Turn the special handle (L) upwards and remove the dust container using the carrying handle (M).



2 - remove the conveyor cone (N) and the bag tensioner (Q),



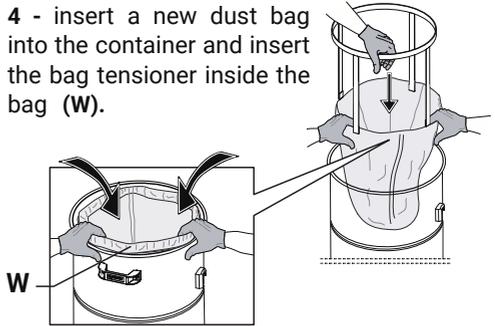
3 - close the full bag and throw it in the waste according to current environmental regulations



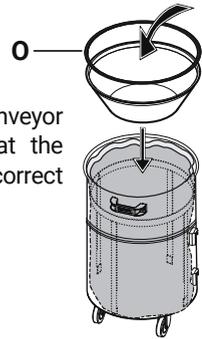
 Before starting with any maintenance operation, disconnect the central power unit from the power supply.

 Do not insert your upper limbs inside the unhooking/hooks mechanism of the dust container.

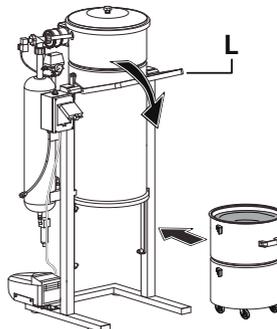
4 - insert a new dust bag into the container and insert the bag tensioner inside the bag (W).



5 - reinsert the conveyor cone making sure that the rubber seal (O) is in the correct position.



6 - reinsert the dust container using the carrying handle and close the unit by turning the handle (L) to the bottom.



FILTER CARTRIDGE REPLACEMENT



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

DANGER



When replacing the filter cartridge, it is easy to come into contact with the dust collected by the unit. Before removing the filter cartridge, we recommend that you put on personal protective garments



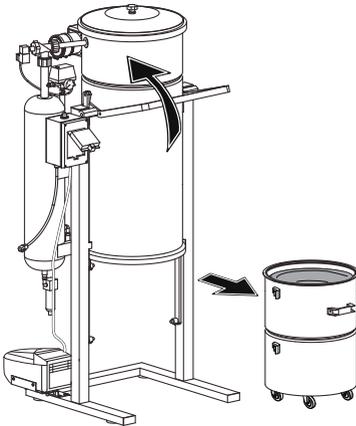
DANGER



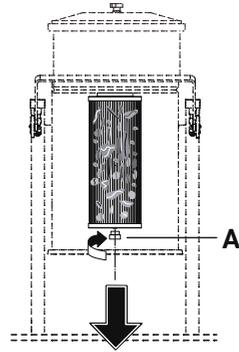
The central power unit must not be put into operation without a filter cartridge placed inside it. Failure to observe this rule could cause damage to the motor that is not covered by the warranty.

We recommend that you replace the filter cartridge every 2-3 years. This period may change depending on the degree of system use.

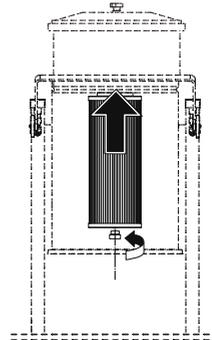
1 - Open the separator and remove the dust container.



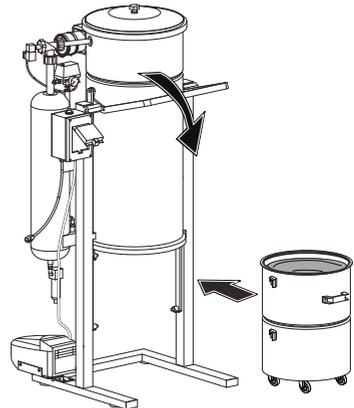
2 - Unscrew the knob (b) that fastens the cartridge and remove it from its housing.



3 - Insert a new cartridge and tighten the knob completely.



4 - Put the dust container back and close the unit.



FILTER CARTRIDGE REGENERATION

Periodic filter cartridge regeneration improves overall centralised vacuum system productivity.

With normal use of the system it is a good idea to check the cartridge every 4 months.

ATTENTION

To effectively regenerate the saturated cartridge and keep the centralised vacuum system operating, we recommend that you insert a new filter cartridge immediately, restart the system and vacuum the largest dust particles from the saturated cartridge using the system itself.

DANGER



When replacing the filter cartridge, it is easy to come into contact with the dust collected by the unit. Before removing the filter cartridge, we recommend that you put on personal protective garments



ATTENTION

CARTRIDGE GASKET CHECK

Check the gasket condition (G) of the filter cartridge. Replace if damaged.

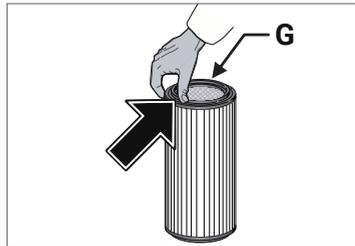
1 - Vacuum the dust collected on the saturated cartridge walls using the system itself.



2 - After an initial brief cleaning, wash the filtercartridge with a jet of water that is not too strong and remove the dust that has penetrated between the walls.



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



4 - Make sure that there are no tears or cuts on the cartridge walls. If there are, the damaged cartridge must be replaced with a new one.



DUST SEPARATOR DISPOSAL



ATTENTION

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.

TYPE OF MATERIAL	PRESENCE IN	SPECIFICS	DISPOSAL
PLASTIC AND RUBBER	self-cleaning	nylon and rubber metal	The regulations that govern the disposal and demolition of the dust separators its components and the possible polluting material and substances change depending on the country of final use. It is recommended to contact authorised organisations and agencies and to respect the current applicable legal regulations
	dome	polypropylene	
	under motor gasket	thermoplastic rubber	
	motor ring	nylon	
	filter cartridge	polyester/metal	
	container handles	nylon	
	rubber sleeves	SBR/NR rubber	
	filter knob	polyamide fibre	
	adhesives	PVC	
	hooks, handles	nylon	
	caps for frame columns	PVC	
	feet of frame stand	megol synthetic rubber	
dust bag	polyethylene		
GALVANISED COMPONENTS	screws and rivets	galvanized steel	
WINDINGS	electric motor and wiring	copper	
ELECTRICAL COMPONENTS	display	electric parts	
	electronic card	electric parts	
	turbine motor	electric parts	
	electric wires	copper	
	socket cable line	copper	
	schuko plug	copper	
METAL COMPONENTS	upper body	painted steel	
	clamps and pivots	galvanized steel	
PACKAGING	box	cardboard	
	interpads	cardboard	
	bags	polyethylene	

TROUBLESHOOTING

The table shows generic cases of malfunctions or failures that may occur during the normal life-cycle of the dust separator. Follow the instructions shown.

PROBLEM	CAUSE	ACTION
THERE IS NO AIR INTAKE FROM ALL THE SOCKETS	Power supply cable disconnected	Connect the power supply cable
THERE IS NO AIR INTAKE FROM A SOCKET	The microswitch or the electric contacts in a vacuum socket are damaged.	Repair or replace the vacuum socket.
	There is clogging in the system	Call a specialised technician
AIR INTAKE IS POOR	A higher number of flexible hoses have been connected to the system compared the allow table data	The central vacuum unit can be used a maximum of operators indicated in the table data
	There is clogging in the system	Call a specialised technician
	The filter cartridge is saturated.	Perform cartridge maintenance.
	The dust container gasket is damaged or out of position	Check the positioning of the dust container gasket or replace it if damaged
	The air exhaust line is blocked	Free the obstruction from the air exhaust line
	The hose is partially obstructed	Free the obstruction from the hose
THE CENTRAL POWER UNIT ALWAYS REMAINS ACTIVATED EVEN WITH THE SOCKETS CLOSED	The microswitch or the electric contacts in a vacuum socket are damaged.	Repair or replace the vacuum socket.
	The 12 volt line of the vacuum sockets is damaged	Call a specialised technician
Call a specialised technician for other causes that are not covered in this manual		





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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.

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