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**P/M**® It's a System  
Not a Machine



Service • Support • Success

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**LONGOPAC HEPA DUST COLLECTOR**  
**PREP/MASTER® 3003AR VAC**

## 01. INTRODUCTION

This use and maintenance manual will set out the guidelines and procedures that must be followed by those operating this equipment in order to guarantee:

- Operators' safety
- Correct use of the machine
- Optimum performance



IT IS NECESSARY THAT THE AUTHORIZED PERSONNEL AND MACHINE OPERATOR HAVE READ AND UNDERSTOOD THE MANUAL BEFORE USING THE MACHINE.

Due to the importance of this information, we recommend that the operator:

- Always keeps this manual close at hand for easy consultation
- Keeps the manual in a safe place in order to prevent loss or damage
- Asks the manufacturer/supplier for a replacement copy in case of loss or damage
- Supplies this manual and the manufacturer's details together with the machine if it is sold to a third party.



N.B. IF THE PURCHASED VACUUM CLEANER IS ATEX AUTHORIZED, THE TECHNICAL PLATE ATTACHED TO THE ENGINE HAS A SERIAL NUMBER THAT IS USED FOR REQUESTING A COPY OF THE CERTIFICATE IF THIS IS DETERIORATED OR LOST.

The manufacturer reserves the right to update its products and manuals and is not required to provide updated versions of the them.

## 02. WARRANTY

The vacuum cleaners manufactured by Coyngo have been fully inspected to guarantee correct electrical, pneumatic and mechanical function. The vacuum cleaners are covered by a 12-month warranty. All defective parts of the machine are covered by warranty but this does not include parts damaged during shipping, handling or use nor does it cover parts damaged by normal wear and tear.

Repairs can be carried out by an authorised service centre or directly by Coyngo.

To request your warranty service you MUST send a written request to the dealer or directly to the manufacturer including the manufacturing details that can be found on a plate fitted inside your machine together with a copy of the invoice.

The warranty is valid under the following conditions:

- Improper use of the machine or total or partial failure to comply with the contents of this manual
- Any part of the vacuum cleaner is altered or modified in any way
- Incorrect electrical installation
- If the laws in the country of use are not respected
- Inadequate maintenance
- The machine has not undergone routine maintenance as specified in this manual
- Use of spare parts that are not produced by Coyngo or not specifically indicated for the model in use
- Partial or total failure to comply with the instructions given in this manual

### 03. UNINTENDED USE

- Never suck up cigarette butts that have not been properly put out and/or any other ammable materials
- Never suck up substances that may explode in contact with the air
- Never operate in environments where explosive gases and/or gases from toxic chemical products are present in the air
- Check the suitability of the cartridge lter before sucking up toxic substances
- Disconnect from the power outlet before accessing any electrical components of the machine
- Do not modify the machine in any way
- Do not use the machine in a way that does not comply with the requirements of this manual

### 04. MACHINE DATA

#### 4.1 TECHNICAL DATA PLATE

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Every Coynco machine carries a registration plate showing essential details that are necessary when contacting the supplier/manufacturer for advice, suggestions or information on spare parts. The following details are included on the plate:

- Manufacturer
- Model
- Supply voltage
- Installed rated power
- CE symbol (built in compliance with Machinery Directive 2006/42/EEC)

#### 4.2 TESTING

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All Coynco machines are tested before packaging and delivery in order to ensure the correct function of each component. An accurate electrical safety test is carried out in compliance with specific electric safety standards related to:

- Ground continuity test
- Insulation resistance test between every phase and the ground
- Dielectric test
- Measurement of dispersed current
- Measurement of power and absorbed current (acceptable difference of +/-10% of rated value)
- Measurement of maximum depression and air exhaust values (tolerance of +/-15% based on temperature values and humidity of environment)
- Measurement of maximum air absorption

#### 4.3 SAFETY DEVICE

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The vacuum cleaner has been manufactured in compliance with all legal standards for the operator's safety.

- All metal components are grounded to eliminate shock or electrostatic discharge, including the flexible suction hose that is properly grounded. also in this regard the choice of a suitable flexible suction hose allows to eliminate this risk on the hose length that goes from the use area to the vacuum cleaner.
- The brakes fitted onto the anterior pivoting castors safely fix the machine in its place of use where there may be a risk of movement due to uneven oor surfaces or other particular working conditions.



BEFORE USING THE MACHINE CHECK THAT THE MACHINE HAS NOT SUFFERED ANY SHOCKS OR DAMAGES DURING THE TRANSPORT THAT AN AFFECT THE OPERATION OF THE ABOVE DEVICES

## 05. PERFORMANCE TOLERANCES

The performance of the turbine may vary by 15% based on the temperature and air humidity.  
The safety valves are calibrated based on the amperage of the turbine.

## 06. SAFETY PROVISIONS

- Carefully read the instructions in this manual before starting, using, servicing or operating the vacuum cleaner
- Check that the vacuum cleaner hasn't been damaged in any way
- Never turn on the machine if it is faulty or if you suspect it is faulty
- Check that the switch isn't worn or damaged
- Do not approach the suction intake of the machine with unfastened or broken garments that could easily be sucked into the machine
- Check that the filters are present and efficient
- Make sure that the filters are installed correctly and in full working order, always observing the regulations in force in the workplace
- Do not carry out repairs without the manufacturer's authorization
- Never use gasoline, solvents or other ammable liquids for cleaning; only proper detergents should be used for cleaning
- Never move the machine by pulling the power cable or flexible hose
- Never direct the opening of the machine or the flexible tube towards people or animals
- Protect the machine from the rain
- Check that the machine is connected to a power source with the correct voltage indicated on the registration plate
- Make sure that the power cable has no wear or damage. if replacing the cable, always replace it with another of the same specifications as the original one: cables that are not approved or of inferior quality may overheat and cause serious injury to the user
- Make sure that the machine is connected to an appropriate power source in full working order (check the presence of a fully functional grounding socket)
- Repairs must only be carried out by authorised personnel and only when the machine is turned o and disconnected from the power source
- Never allow unauthorized personnel to use the machine
- Make sure that all safety devices are in full working order before turning on the machine
- Never cover the vacuum cleaner during use

## 07. INSTALLATION

### 7.1 DELIVERY AND HANDLING

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All machines are carefully tested and checked by Coyncoco before delivery. The machine is transported inside a protective box or wrapped in a protective film that allows the courier to see the item during transport and is securely fixed to a pallet. If any part of the machine is not intact or has been damaged during transport, fill in an immediate complaint with the courier. Parts that have been damaged or broken due to incorrect transport or handling of the machine will not be recognised by the manufacturer's warranty. The machine must be lifted and moved using a forklift truck in accordance with the relevant safety regulations in force in the workplace

### 7.2 CHECK THE PROPER ELECTRICAL CONNECTION

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Connect the industrial plug to the power cable and connect the plug to a socket that has the same amp rating and is protected by a line-isolating switch; in the case of the three-phase vacuum cleaner, it is necessary to check before use that the motor rotates in the correct direction (clockwise) as shown by the die-cast indicator on the turbine; if rotation occurs in an anti-clockwise direction, it is necessary to disconnect the machine from the power source, invert one of the three phase cables inside the plug and check again for correct rotation

## 08. PERIODICAL MAINTENANCE

Maintenance and cleaning operations must ALWAYS be carried out when the vacuum is turned off and disconnected from the power source. No particular measures must be taken for the maintenance, cleaning or lubrication of the suction unit. However, it is important to remember that correct use and servicing are essential if the safety and efficiency of the vacuum are to be guaranteed.

To ensure regular and constant operation and to prevent the warranty from becoming void, always use genuine Coyncoco spare parts when repairs are needed.

### 8.1 BEFORE TURNING ON AND TURNING OFF EVERY DAY

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- Visually check that the suction hose has not been damaged in any way (it must not be damaged, torn, crushed)
- Check that the electrical switches are in full working order and are not damaged in any way
- Check the level of waste inside the main barrel N.B. Empty the main barrel if you are using an ATEX model empty the main barrel
- Check that the suction hose has not been damaged in any way
- Check that the motor head is correctly positioned on the filter chamber and that the latter is correctly placed on the main barrel
- If the vacuum cleaner is moved, ensure that the power voltage of the play in this new location corresponds to the one on the technical data plate

### 8.2 AT EVERY 200 HOURS OF OPERATION

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- Check the condition of the primary filter: it must not have tears, holes or other damage: in this case replace it (see 14.)
- Check that the technical data plate is legible and not damaged in any way: contact the manufacturer for a replacement if necessary



N.B. PERFORM THE FOLLOWING OPERATIONS AT EVERY 10 HOURS OF OPERATION IF THE VACUUM CLEANER IS AN ATEX MODEL

## 09. PRODUCT DISPOSAL

Dispose of the machine and any accessories according to the legislation of the country. To avoid affecting the environment or your health or of others it is recommended to separate the machine from other waste, and if necessary properly recycle it.

## 10. TECHNICAL DATA



<b>Model</b>	<b>Prep/Master3003AR</b>
<b>Code</b>	<b>350 BAG ICLEAN 110 V – 60 Hz</b>
<b>Certificate</b>	CE
<b>Motors</b>	N°3 By-pass
<b>Power</b>	2400 W
<b>Voltage</b>	110 V – 50 Hz
<b>Filter cleaning</b>	Automatic
<b>Filtration Class</b>	HEPA
<b>Air flow rate</b>	450 m <sup>3</sup> /h
<b>Depression</b>	200 mBar
<b>Useful capacity</b>	LONGOPAC ® 20mt
<b>Dimensions</b>	73x60x157 cm
<b>Inlet dimension</b>	50 mm
<b>Tank diameter</b>	460 mm
<b>Weight</b>	83 Kg
<b>Sound pressure level (ISO 11201)</b>	< 78

## 11. DESCRIPTION



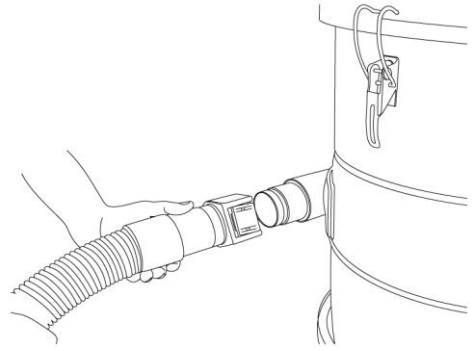
1. Suction Unit
2. ON-OFF switch
3. Forced filter cleaning button
4. Accessories connection
5. Wheels with brake
6. Tank Release
7. Bag

## 12. MOUNTING OF PARTS

Depending on the specific needs of the client, the vacuum cleaner may include accessories that are not normally supplied in the standard version. It is necessary to select the suction hose and accessories that are appropriate for the type of material that must be sucked into the cleaner.

The machine is now ready for use.

Connect one end of the flexible hose to the desired accessory and the other with the quick coupling nozzle mounted on the filter chamber. (See the accessories sheet)





## 13. USING THE VACUUM CLEANER



*Before switching ON the vacuum be sure the container is empty*



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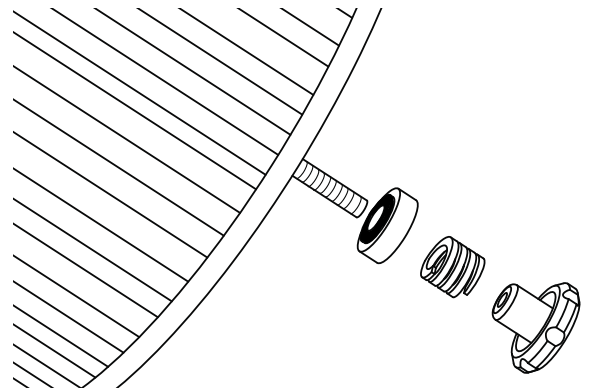
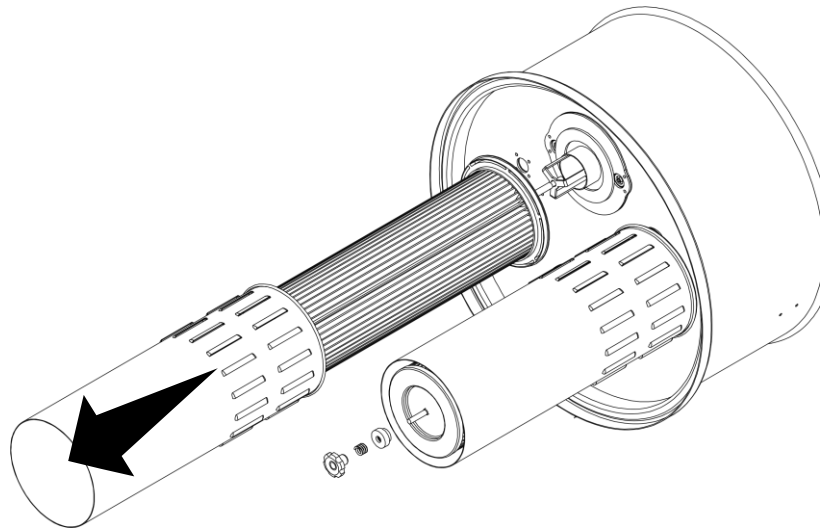
1 – 3 motors Switch ON

0 – Switch OFF

2

*Push for forced filters cleaning*

## 14. FILTER REPLACEMENT



1. Disconnect and lift the head.
2. Remove the filter's cylindrical steel protection (unscrewing the screws on the edge)
3. Unscrew the wing nut and remove the spring and washer
4. Replace the filter with a proper one for the vacuum cleaner in use

5. Install the new filter according to the label on the bottom of the filter

- Washer with rubber part facing the base of the filter
- Spring
- Plastic wing nut

6. Mount the cylindrical protection, then reconnect the head on the filtering chamber

## 15. TROUBLESHOOTING

You can thus solve any problem that may occur .

**Motors do not start.** ▶ No electrical voltage. ▶ Check cables, plugs and socket.

**Suction capacity decreases slowly** . ▶ Filter, nozzle, suction hose or suction pipe may be blocked.

▶ Check, clean accessories. Clean filter .

**Dust comes out during the vacuuming.** ▶ Filter has not been fastened correctly or is defective.

▶ Check to see if filter is sitting properly; replace if required .

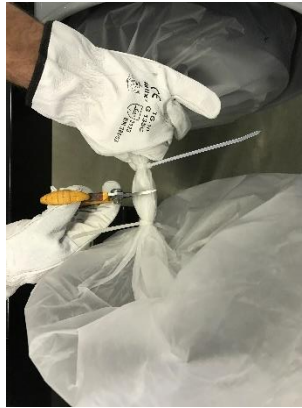
## 16. COLLECTION BAG USE

The dust and the particles are collected in a bag placed in the container under the hopper. This system called LONGOPAC® consists in a 20 mts plastic tubular from which are obtained 20/30 bags of different weights and dimensions. Once finished or damaged, the tubular must be replaced by a new refill.

*The operations below described must be carried out when machine is turned off.*



1- Close the bag with two distanced bands.



2- Cut the strip between the two bands.



3- Pull the LONGOPAC® end to make a new bag.

## 17. BAG REPLACEMENT



1- Cut the LONGOPAC® in order to let it open.



2- Pull and rotate the retaining pins of the LONGOPAC® container in order to unfasten them.



3- Remove the LONGOPAC® container and any waste.



4- Insert the new LONGOPAC® with the inner part facing upwards.



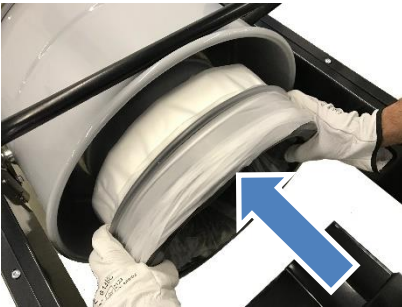
5- Cut and remove the LONGOPAC® closing bands.



6- Keep the inner part of the bag inside the container and pull it up to the lower edge.



7- Pull the outer part of the bag to create the new one.



8- Insert the container with the LONGOPAC®.

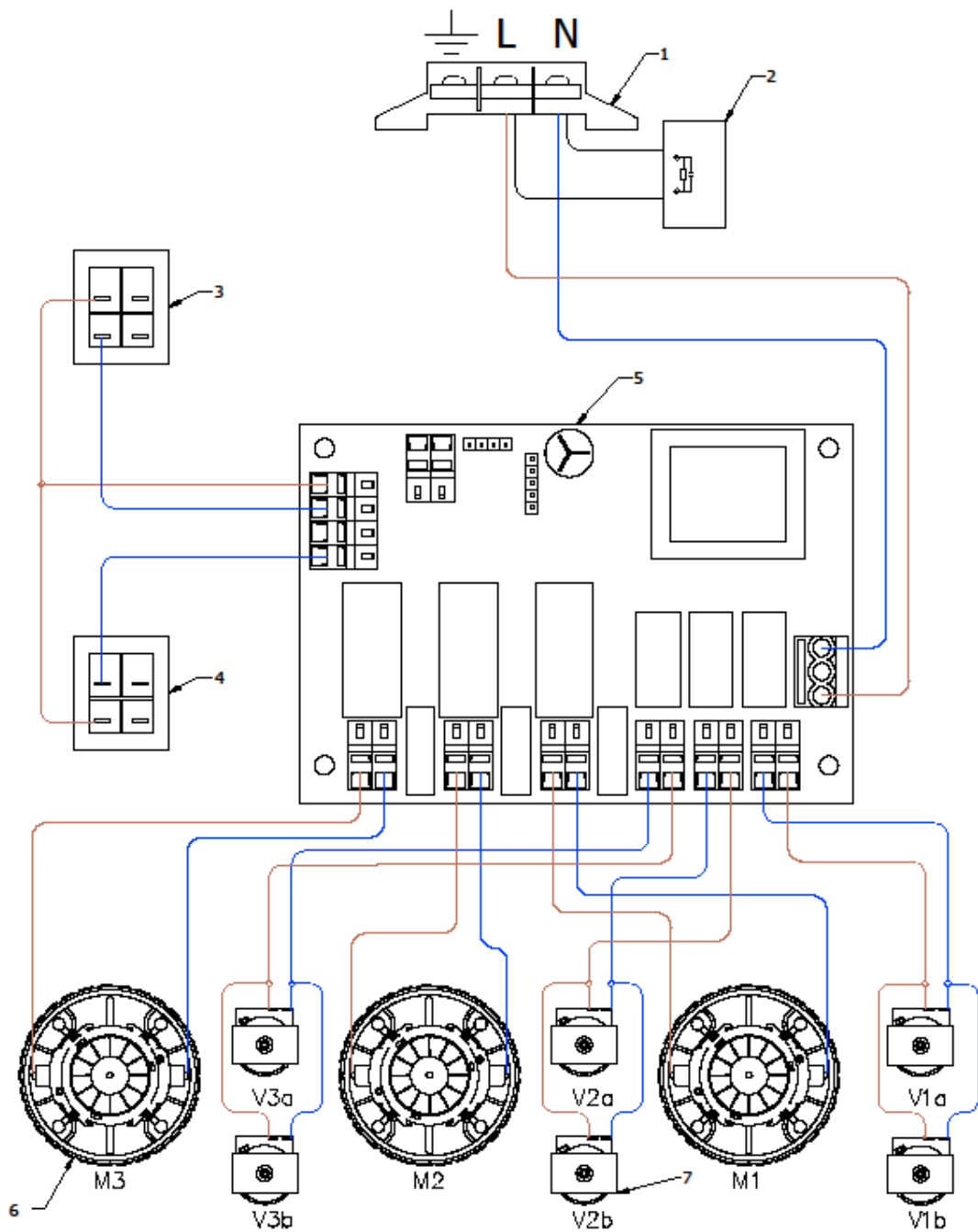


9- Pull and rotate the retaining pins and insert them into their seats.



10- Pull the bag and place at the edge the band to create a new one. If necessary use two bands.

18. ELECTRIC DIAGRAM



- 1- TERMINAL
- 2- ANTI-DISORDER
- 3- SWITCH (0 - 1)
- 4- MOMENTARY SWITCH (NO)
- 5- ELECTRONIC CARD
- 6- MOTOR
- 7- VIBRATOR

19. DICHIARAZIONE CONFORMITÀ / DECLARATION OF CONFORMITY



Solarys srl  
Via Marie Curie, 1 26030  
Pessina Cremonese (CR)  
Italy

DICHIARA SOTTO LA PROPRIA RESPONSABILITÀ CHE IL PRODOTTO  
UNDER OUR SOLE RESPONSIBILITY THAT THE PRODUCT  
ERKLÄREN IN ALLEINIGER VERANTWORTUNG, DASS DAS PRODUKT  
DÉCLARONS SOUS NOTRE SEULE RESPONSABILITÉ QUE LE PRODUIT  
DECLARA BAJO LA PROPIA RESPONSABILIDAD QUE EL PRODUCTO

Modello / Model / Modèle / Model / Modelo

**350 BAG ICLEAN**

Anno di costruzione / Made in / Baujahr / An de construction / Año de construcción

**2020**

E' conforme alle seguenti specifiche del prodotto :

Are in conformity with the undermentioned product's specifications :

Mit den nachfolgend aufgeführten produkt - spezifikationen konform sind :

Est en conformité avec les spécifications ci-dessous mentionnées :

Es conforme a las siguientes especificaciones del producto :

**2006/42/CE**

CE Direttiva Macchine  
CE Machinery Directive

**2014/35/UE**

CE Direttiva Bassa Tensione  
CE Low Voltage Directive

**2014/30/UE**

CE Direttiva Compatibilità Elettromagnetica  
CE EMC Directive

e relativi emendamenti / and relative amendments - und relative Änderungen - et amendements relatifs - y enmiendas relativas

Norme armonizzate

Harmonized norms :

Harmonisierte Normen :

Normes Harmonisées :

Normas Armonizadas

EN ISO 12100:2010

EN 60335-2-69

EN 55014-1:2006

Il fabbricante dichiara che il fascicolo tecnico dell'apparecchiatura è custodito a:

The manufacturer declares that the technical file of the equipment is kept at:

Der Hersteller erklärt, dass die technischen Unterlagen der Geräte bei gehalten;

Le fabricant déclare que le dossier technique de l'équipement est maintenu à;

El fabricante indica que el archivo técnico del equipo se mantiene en:

Solarys srl

Via Marie Curie, 1 26030

Pessina Cremonese (CR)

Italy

La presente dichiarazione decadrà automaticamente in caso di:

This statement will expire automatically for:

Diese Erklärung endet automatisch nach:

Cette déclaration expirera automatiquement pour:

Esta declaración caducará automáticamente para:

1- Modifiche all'apparecchiatura

Changes to the equipment,

Änderungen an den Geräten,

Modifications à l'équipement,

Cambios en el equipo

2- Mancato rispetto delle indicazioni contenute nel manuale d'uso e manutenzione

Non-compliance with instructions contained in the user and maintenance manual,

Nichteinhaltung Anweisungen in der Bedienungs- und Wartungsanleitung enthalten,

Le non-respect des instructions contenues dans le manuel d'utilisation et d'entretien,

El incumplimiento de las instrucciones contenidas en el manual de uso y mantenimiento

**Riccardo Bettella**

Name/Name/Nom/Name/Nombre

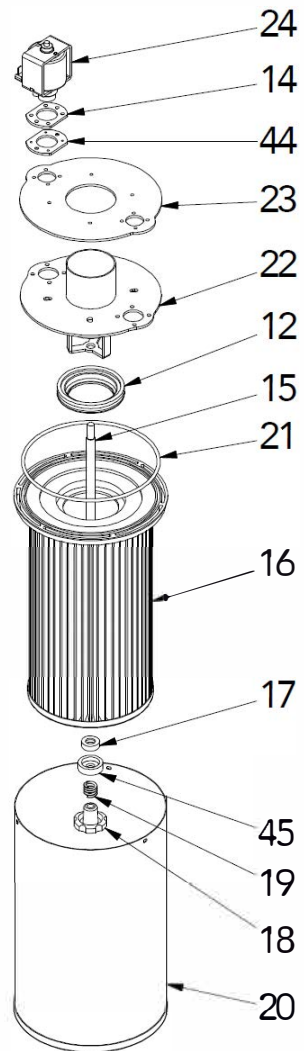
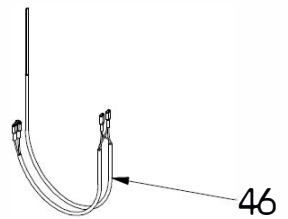
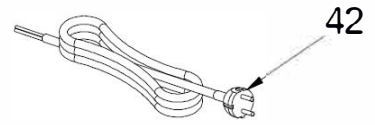
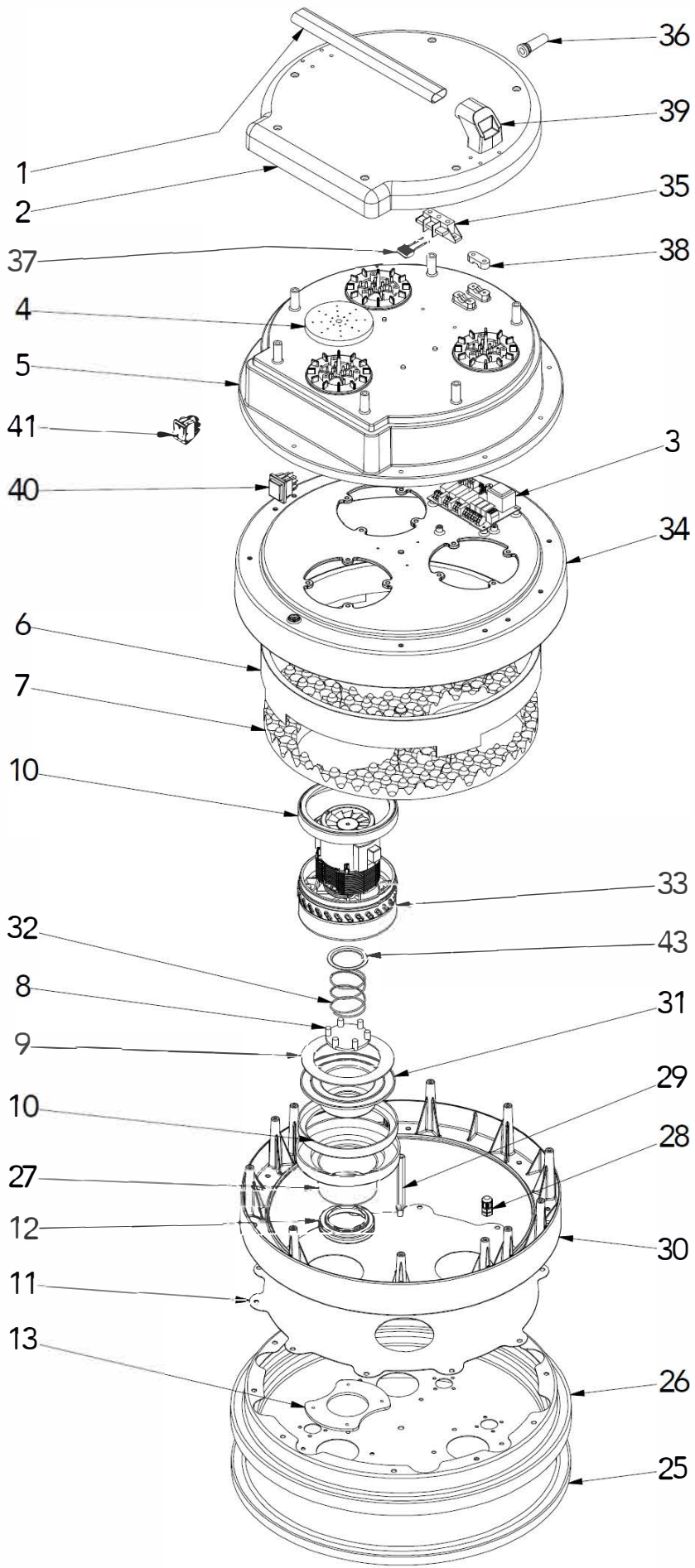
**Presidente**

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**02-01-2020**

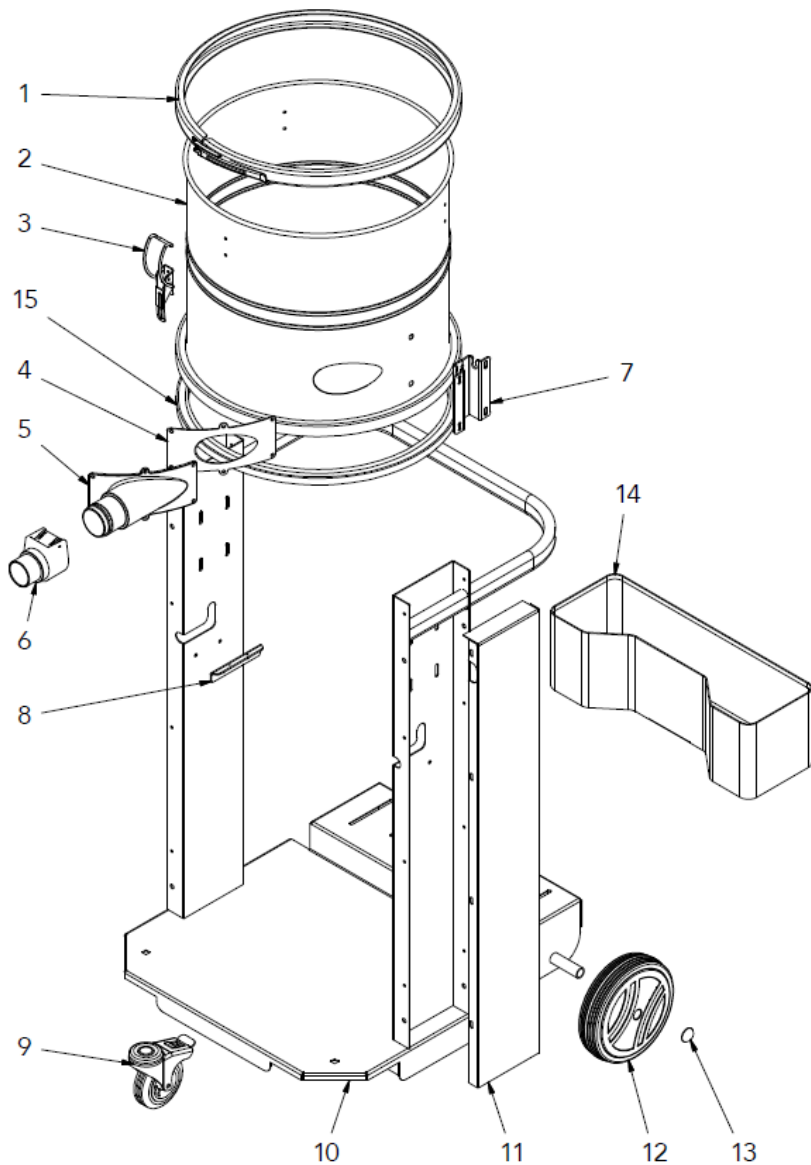
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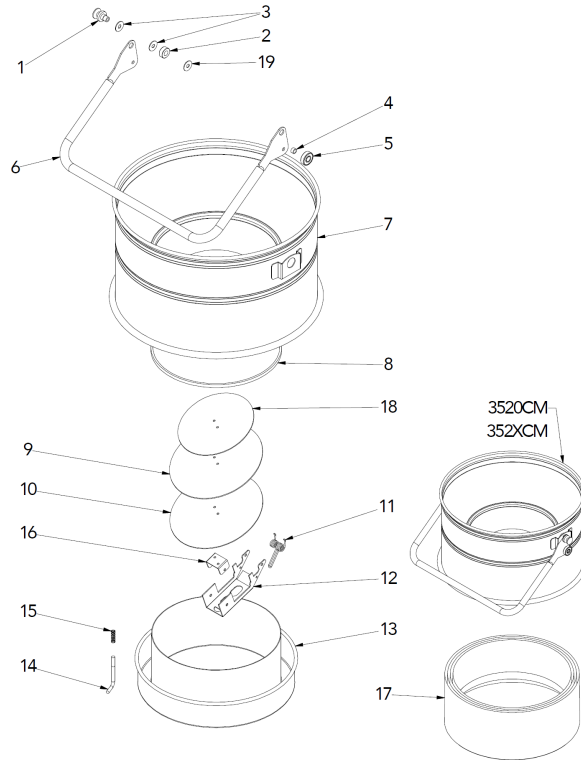




POS	Part Number	DESCRIPTION	QTY
1	110100	Tube Handle Head 3 motors	1
2	110200	Black Top Cover Head 3 motors	1
3	063011	Electrical Control Board (Grey) 4187-1/110V	1
4	010500	Sound Disc MTP 60 D.100X10	3
5	110400.1	Gray Plastic Machine Cover for Lid	1
6	110500	AD/NETWORK PHONO STRIP 50X10X1250	1
7	110600	Sound Head 3 MOTORI	1
8	022500	By-pass Motor Valve	3
9	012200	Washer 135X109X4	3
10	012101	Gasket	6
11	121101	DISC DOOR 3 MOTORS ICLEAN ZNT	1
12	013300	PASSAFILO Ø60	3
13	061600	INTAKE MANIFOLD FLANGE	3
14	011000	Wahser 6 Holes	6
15	121500	ROD SUPPORT FILTER H270 L.25 L.35	3
16	121600	Filter Cartidge	3
17	013700	SEALING RING FOR FILTER 10X22X7	3
18	014000	PLASTIC KNOB FILTER STOPPER LB/40/FP M8	3
19	013900	FILTER PRESSURE SPRING	3
20	122000	FILTER PROTECTOR Ø150 H285	3
22	063900	INTAKE MANIFOLD	3
23	063800	INTAKE MANIFOLD GASKET	3
24	010950	VIBRATOR 230V 50HZ	6
25	111300	GASKET D.460	1
26	122600	BASAMENTO 3MOTORI I-CLEAN BLACK	1
27	122701	PLASTIC MOTOR HOLDER	3
28	040700	CABLE PRESS PG 7 WITH RING	3
29	113400	CENTRAL SPACER M8X95	1
30	1111PP	PORTAFONO 3 MOTORI PP RAL 7040	1
31	022400	PORTAVALVOLA MOTORI BY-PASS	3
32	061100	BYPASS MOTOR RACKS	3
33	012311	MOTOR BP30866X/B 110V	3
34	1140PP	BLACK PLASTIC MOTOR HOLDER	1
35	012700	RED CLAMP SCREW	1
36	012900	FAIR LEAD L49	1
37	013100	ANTI-DISTURBANCE CAPACITOR	1
38	012800	CABLE LOCK	1
39	013000	SUPPORT HANDLE HOLDER OVAL	2
40	060700	FORCED FILTER CLEANING SWITCH	1
41	060600	ON/OFF SWITCH	1
42	MCE000011	POWER CORD H07 RNF 3GX2,5	10
43	061000	VALVE SPRING DISC	3
44	011400	WASHER 6 FLARED HOLES SP.3 ZN	6
45	013800	ZINC PLATED SEALING RING STRUT	3
46	375000	VIBRATOR POWER CABLE	3



POS	Úæåå~ { à^!	ÖÖÜÖÜÖÜÖÜÖ	QTA
1	140100	ŠÖXÖÜÄÜÖ Ø500	1
2	130100	ÖSVÖÜÄÖPÖET ÖÖÜ D.460 H360 GRIGIO R.7040	1
3	130300	PUUSÜ	3
4	030300	ÖÖÜSÖVÄ ÖPÄÖPÖÜÖXÖÄ ÖÜP	1
5	130400	PUZZSÖÄ ÖVÖSÄP ÖÜÖV	1
6	60-50	HÄÜ ~ à^ ÅÖÄ [ ] } ^ & ç } Ä æ & @ ^ Ä [ ] } ^ & ç }	1
7	080800	ÖSVÖÜÄÖPÖET ÖÖÜÄÖPÖÖÜÖÖSÖV	2
8	092600	ÖÜP VÜÖÜVÄ PUÜÜÖÜÄSÖV ÖÖ	2
9	081100	ÜY ÖÖSÖÖÜVÖÜESÜÖSÖ ÖÖ	2
10	141000	ÖÖÜVÄÖÖÖ D.460	1
11	141100	UWÖÜY ÖÖÜÄÖSÖS	2
12	780200	Y PÖÖSÄÖÖÖÖÜÖYÄÜWÖÖÜÄ ÖPÄÖSÖSÄÜWÖ	2
13	780301	ÖÖÜÖÄ ÖPÄÖÜY P D.20	2
14	092700	ÖÖSÜÖVÄÖÖÜV	1
15	111300	ÖÖÜSÖV D.460	1



POS	Part Number	DESCRIPTION	QTA
1	081400	V FITTING KIT	2
2	081600	BUSHING 25X12X10	2
3	081500	NYLON WASHER 25X15X1,5	4
4	081901	CORK RUBBER WASHER D=1,8 INOX DE=11,8 LO=7.5	2
5	082000	BEARINGS 6201RS	2
6	131600	BARREL LIFTING HANDLE AND HOPPER	1
7	350700	BLUE METAL HOPPER	1
8	091201	HOPPER GASKET	1
9	091301	GASKET FLAP OVAL RUBBER SPONGESP. 2,5	1
10	091401	FLAP BOTTOM PLATE	1
11	092802	DOUBLE RETURN SPRING DISC FLAP	1
12	091501	FLAP ARM	1
13	091800	CONTAINER FOR LONGOPAC	1
14	091700	CONTAINER LOCK FOR LONGOPAC	3
15	091600	LONGOPAC BLOCK SPRING - VALVE ADJUSTMENT	3
16	093401	C FLAP JOINT	1
17	0933RC	LONGOPAC®	1
18	093501	TOP PLATE FLAP	1
19	081700	RUBBER CORK WASHER 25X10X2	2
20	3520CM	HOPPER D.460 COMPLETE PAINTED	1



*Service • Support • Success*

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