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English

1 - GENERAL INFORMATION

1.1 The User Guide

The user guide is a fundamental document written by the manufacturer and must be considered an integral part of the central suction unit. In case of resale, donation or lease to third parties, the user guide must be handed over to the new user or to the new owner.

We recommend storing and keeping the user guide throughout the whole operating life of the suction unit.

The main purpose of the user guide is to provide a correct knowledge of the user mode in order to exploit the best performance and to maintain the central suction unit at its best working and security conditions.

It is absolutely forbidden to duplicate, copy or release totally or part of this user guide, without previous written authorization by TECNOPLUS Srl, owner of the trademark SISTEM-AIR. The manufacturer reserves the right to improve or modify this guide or the suction unit at any time without previous notice.

1.2 Safety and security precautions

Read carefully any information written in this user guide regarding installation, use and maintenance of the central suction unit.

Never use inappropriately the central suction unit.

Never let the children get near the central suction unit when it is working and never let the children play with the suction inlets or with the suction unit. This tool should not be used by persons (children included) with reduced physical, sensorial or mental skills, or by persons without experience or knowledge, unless they are controlled or trained for the use of the tool by people responsible of their safety.

Children have to be supervised in order to assure they don't play with the tool. Unplug the central suction unit when:

- The power supply cable is worn out or damaged
- The central suction unit has been exposed to the inclemency of the weather or to excessive moisture.
- The central suction unit has been damaged by an impact or the external container has been damaged
- The central suction unit requires repairing or overhauling.

Always wear protection gloves and mask when carrying out any maintenance operation, and when unloading the dust container or replacing/cleaning the filter. Use only SISTEM-AIR original spare parts.

Never use the suction unit to remove textile stuff, big-size bits and pieces of any material, burning coals or ashes.

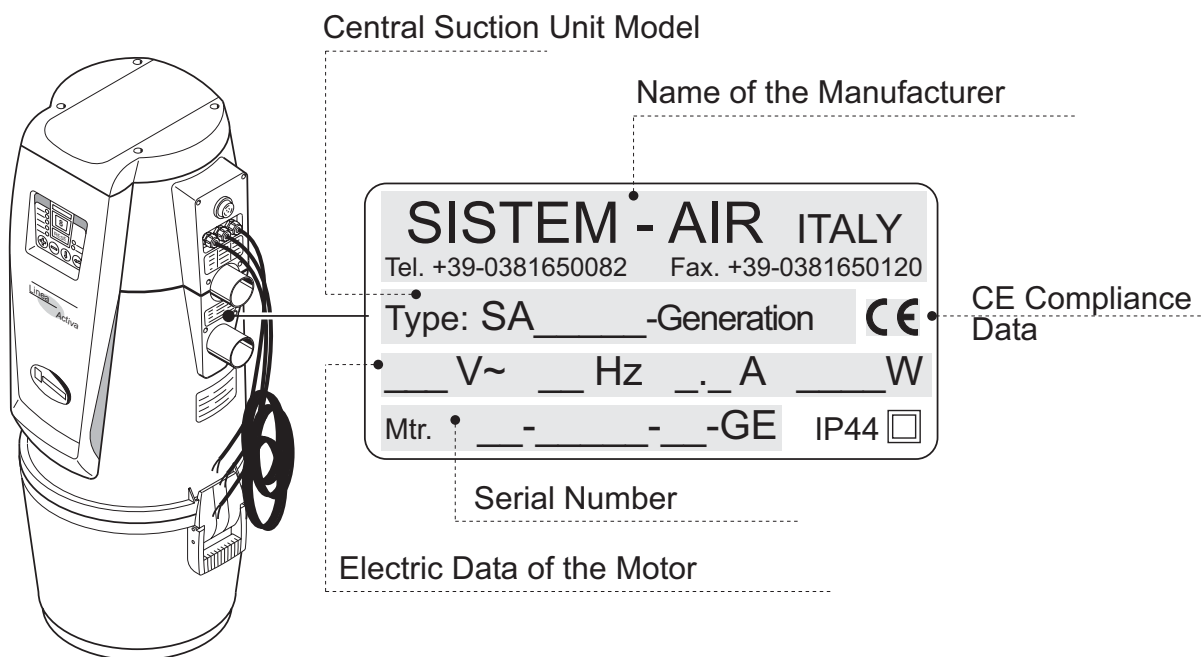
Never use the suction unit to remove liquids.

Use the suction unit only with the special filter cartridge correctly assembled. Never block the air exhaust pipe and the cooling inlets of the motor. Never touch the suction accessories with any part of the body.

Use only one inlet at a time.

If you are not going to use the central suction unit for a short time, it is advisable to switch it off. If you are not going to use the central suction unit for an extended period of time, it is advisable to cut it off from the main power supply. The replacement of the filter cartridge must be carried out by duly qualified staff or by Technical Service Assistance Only.

1.3 Identification plate



English

1.4 Technical Service Provider

Call the Manufacturer Technical Service or contact SISTEM AIR authorized centers for any information you may need. Always specify the technical data indicated on the identification plate and the serial number of the central suction unit.

Technical Service Provider
and After-Sales Service

Authorized Technical
Assistance Center

2 - UNPACKING

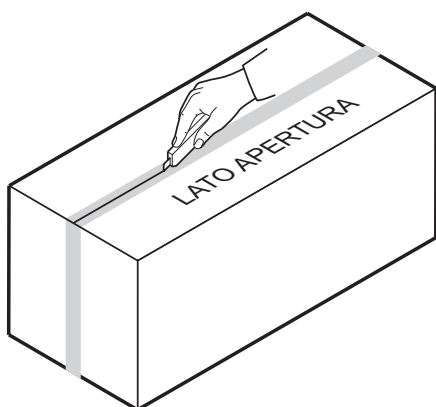
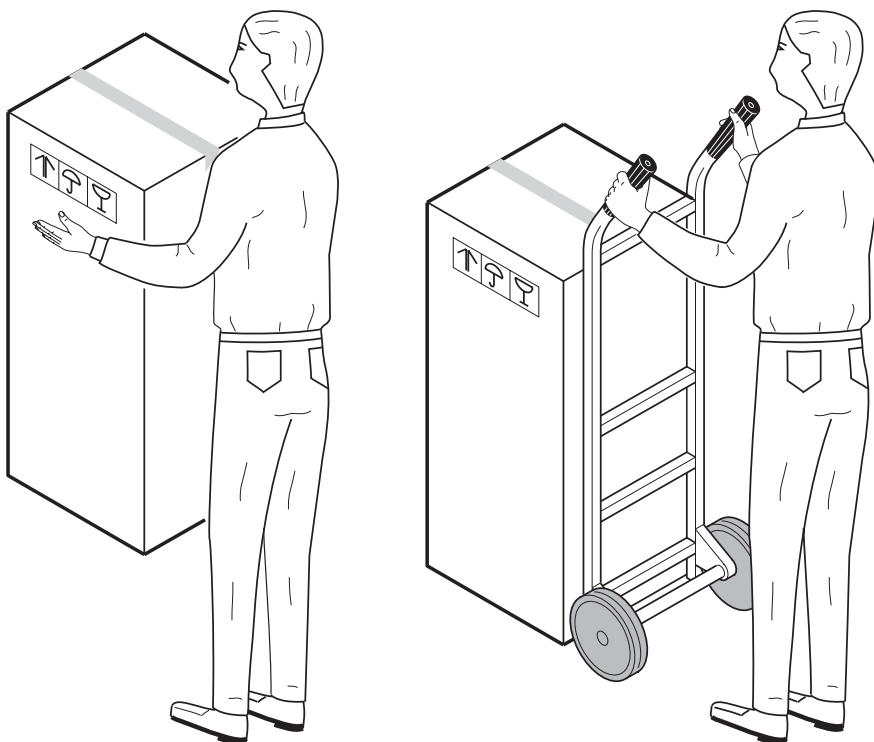
2.1 Handling and unpacking

Follow the instructions printed on the cardboard box to move the suction unit to the location selected for the installation.

If necessary, use a trolley to move the suction unit or ask somebody to help you.

English

1

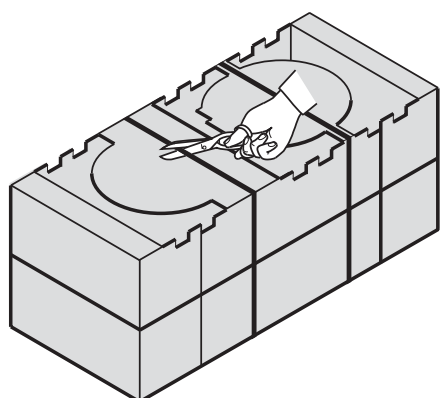
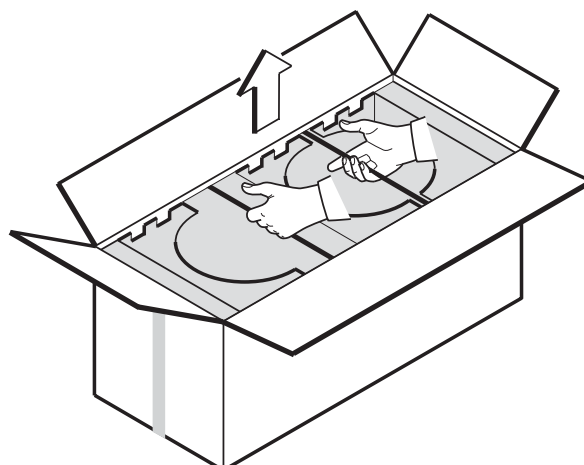


2

Arrange the cardboard box on the floor, with the opening side upward and cut the adhesive tape.

Open the box, take the straps with both hands and lift the suction unit. Arrange it on the floor in a horizontal position.

3

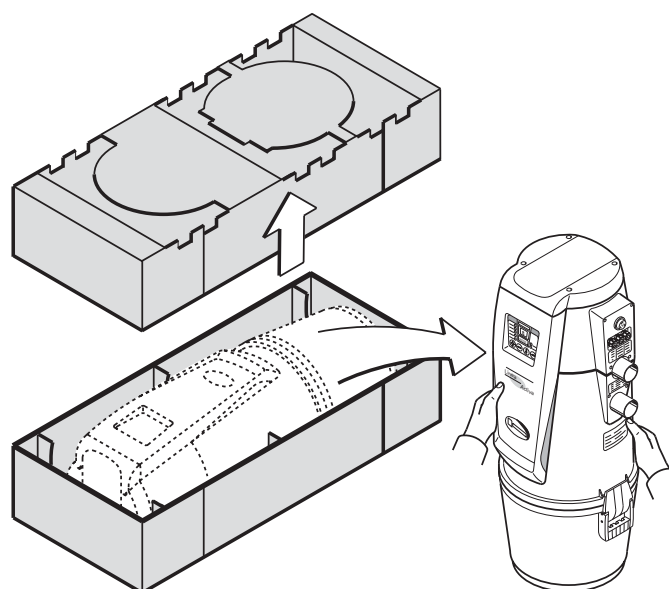


4

Cut the straps.

Remove the upper cardboard protection, lift the suction unit and arrange it on the floor in a vertical position. Remove the dust-protection bag.

5



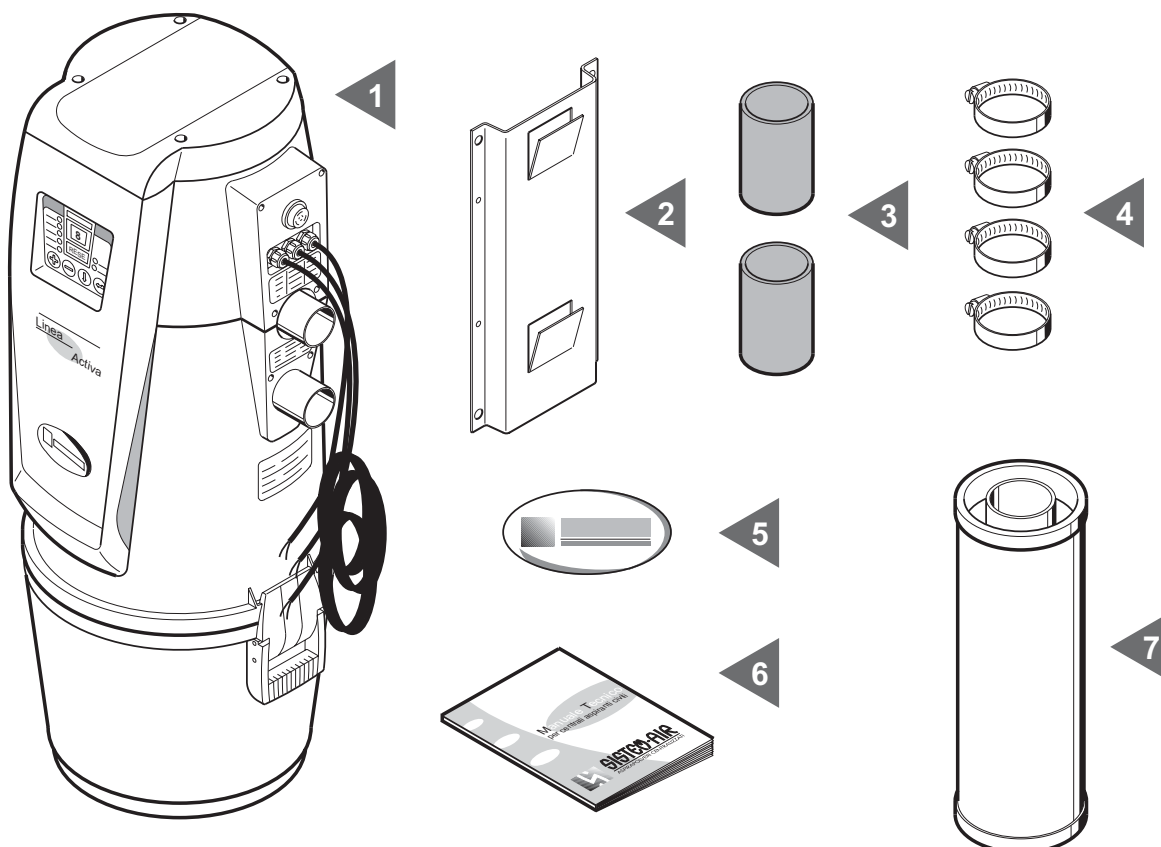
6

Take out all the accessories contained in the cardboard box and dispose in compliance with the relevant provisions in force.

2.2 Control of the accessories

Check what you have received:

- 1 - One central suction unit
- 2 - One metal frame for hanging the suction unit on the wall
- 3 - Two couplings made of rubber to connect the suction pipes
- 4 - Four metal collars for securing the couplings
- 5 - An adhesive plate showing the Manufacturer's trademark
- 6 - One user guide for correct installation, use and maintenance
- 7 - One silencer made of plastic for the air exhaust



Check that the suction unit and the relevant accessories are included in the package.

Make sure that the suction unit and the accessories have not been damaged during handling. If they have, do not hesitate to contact your provider.

3 - DESCRIPTION OF THE CENTRAL SUCTION UNIT

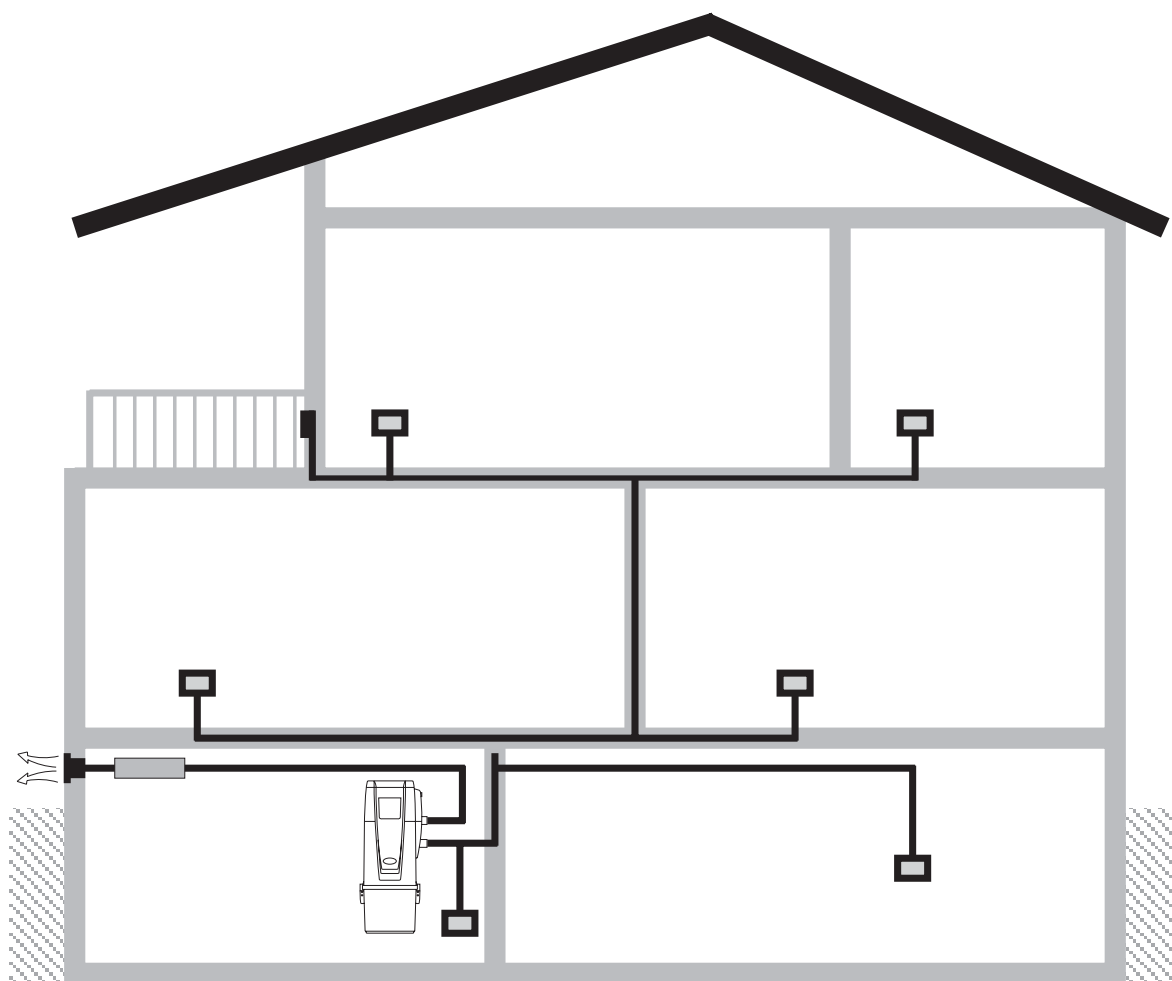
3.1 Operating principles

The central suction system, suitable for any kind of residential building (house, office,...) consists of a net of PVC pipes spreading out in every room and perfectly chased in walls and false ceilings. The suction pipe network is equipped with suction inlets where the user fits the suction hose.

The SISTEM-AIR central suction unit must be installed in a separate room (for example in a storage room, in a garage or, in another service room) and is connected to the suction pipes network.

The user starts the suction unit by simply inserting the fitting of the suction hose into the suction pipe inlet.

If the pipe network is not equipped with an electric system, it is possible to install remotely controlled starting and stop functions, controlled by means of a remote-control device (supplied upon request).



3.2 Allowed and improper use

The SISTEM-AIR central suction unit model TA-TE..., has been designed to remove dust, small-size solid bits and pieces and dry materials. It is forbidden to use the suction system to remove textile stuff, big-size bits and pieces, burning and hot materials.

Never use this suction unit to remove liquids.

It is strictly forbidden to remove highly explosive materials (gun powder) or inert materials, which can trigger dangerous chemical reactions if removed separately and then mixed up in the dust container.

It is strictly forbidden to use the central suction unit in explosion hazard places or in places where temperature, pressure and moisture are out-of-standard.

Any different use is strictly forbidden.

The manufacturer, by means of written authorization, must approve any alteration or modification of the suction unit to remove a specific material.

Any use different from the described is to be considered improper and health risk for the user. Damage to the suction unit cannot be excluded.



3.3 Basic Components (see picture)

The TECNO Line single-phase suction units for civil sector are divided in two main categories:

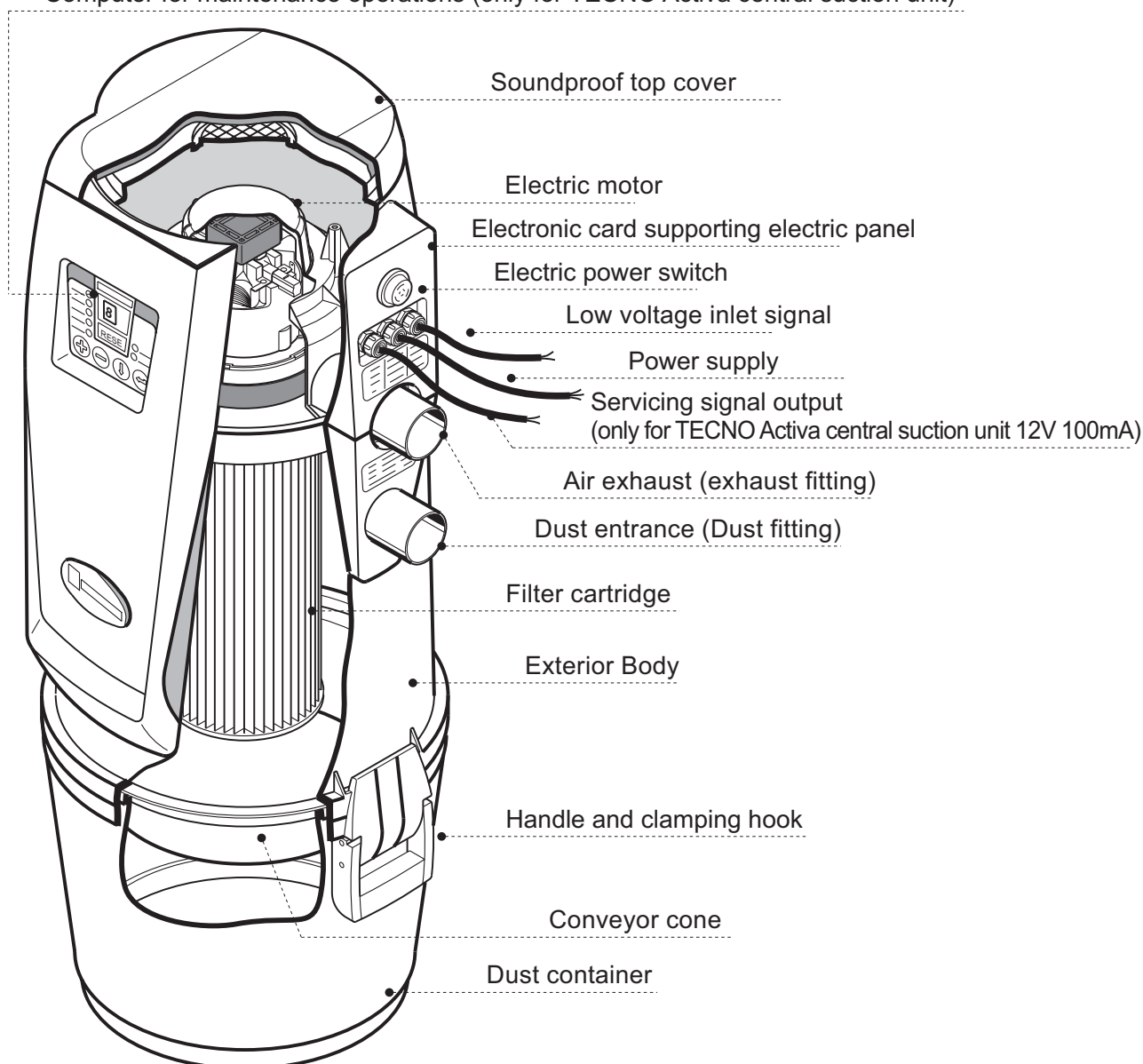
- TECNO Evolution Line (models SA... TE)
- TECNO Activa Line (models SA... TA)

The two lines of products, equipped with the same motor power, feature the same construction technology and grant the same performances.

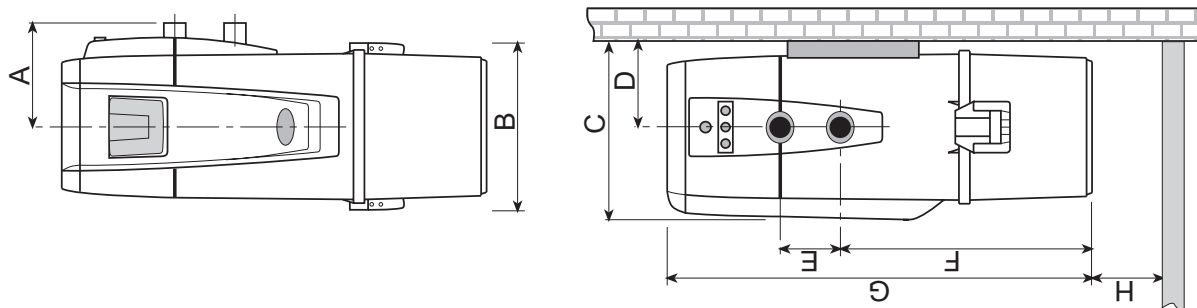
The central suction units of TECNO Activa Line are equipped with a computer, which controls the maintenance cycles and indicate when it's time to carry out maintenance operations.

English

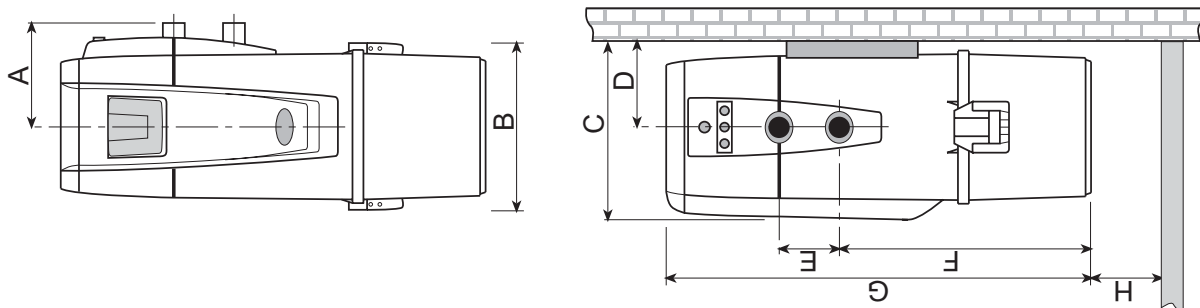
Computer for maintenance operations (only for TECNO Activa central suction unit)



3.4 Technical features (See picture and table)



Technical features	SA 050TE Generation art. 3110.1TE	SA 100 TE Generation art. 3112.1TE	SA 200 TE Generation art. 3113.1TE	SA 400 TE Generation art. 3115.1TE	SA 050TA Generation art. 3110.1TA	SA 100 TA Generation art. 3112.1TA	SA 200 TA Generation art. 3113.1TA	SA 400 TA Generation art. 3115.1TA
Computer for maintenance operations	NO	NO	NO	NO	YES	YES	YES	YES
Suction fitting Ø mm	50	50	50	50	50	50	50	50
IP Protection degree	44	44	44	44	44	44	44	44
Power Supply Volts ac	230	230	230	230	230	230	230	230
Frequency Hz	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Power kW	1.3	1.4	1.9	2.1	1.3	1.4	1.9	2.1
Absorption A	5.6	6.5	8.2	9.5	5.6	6.5	8.2	9.5
Inlet power supply Volts dc	12	12	12	12	12	12	12	12
Max air volume m ³ /h	234	184	309	320	234	184	309	320
Filtration surface cm ²	6700	6700	6700	6700	6700	6700	6700	6700
Dust container capacity lt	21	21	21	21	21	21	21	21
Weight Kg	17	17	19	19	17.5	17.5	19.5	19.5
Size A mm	230	230	230	230	230	230	230	230
Size B mm	370	370	370	370	370	370	370	370
Size C mm	380	380	380	380	380	380	380	380
Size D mm	185	185	185	185	185	185	185	185
Size E mm	108	108	195	195	108	108	195	195
Size F mm	585	585	585	585	585	585	585	585
Size G mm	915	915	915	915	915	915	915	915
Size H mm (min.)	100	100	100	100	100	100	100	100
Max. Noise Level	The noise level of all suction units never exceeds 70 dB (A)							

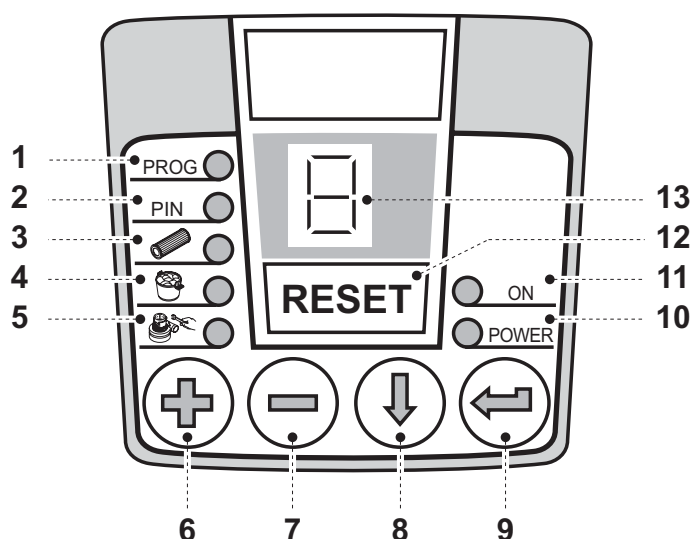


Technical features	MINI TE Generation art. 3107.1TE	MEDIA TE Generation art. 3108.1TE	MEDIA PLUS TE Generation art. 3109.1TE	MINI TA Generation art. 3107.1TA	MEDIA TA Generation art. 3108.1TA	MEDIA PLUS TA Generation art. 3109.1TA
Computer for maintenance operations	NO	NO	NO	YES	YES	YES
Suction fitting Ø mm	50	50	50	50	50	50
IP Protection degree	44	44	44	44	44	44
Power Supply Volts ac	230	230	230	230	230	230
Frequency Hz	50/60	50/60	50/60	50/60	50/60	50/60
Power kW	1.3	1.3	1.4	1.3	1.3	1.4
Absorption A	5.6	5.6	6.5	5.6	5.6	6.5
Inlet power supply Volts dc	12	12	12	12	12	12
Max air volume m ³ /h	234	234	184	234	234	184
Filtration surface cm ²	3100	6700	6700	3100	6700	6700
Dust container capacity lt	15	15	15	15	15	15
Weight Kg	8.5	9.5	10	9	10	10.5
Size A mm	210	210	210	210	210	210
Size B mm	325	325	325	325	325	325
Size C mm	345	345	345	345	345	345
Size D mm	168	168	168	168	168	168
Size E mm	108	108	108	108	108	108
Size F mm	315	465	465	315	465	465
Size G mm	650	805	805	650	805	805
Size H mm (min.)	100	100	100	100	100	100
Max. Noise Level	The noise level of all suction units never exceeds 70 dB (A)					

3.5 Description of the computer board (see picture)

(only for TECNO Activa line)

- 1 - “PROG” Led
It switches on when the computer programming function has been activated
- 2 - “PIN” Led
It switches on when the computer programming function has been activated to display the PIN code
- 3 - “FILTER CARTRIDGE CLEANING WARNING MESSAGE” Led
If “on”, it indicates that the filter cartridge must be cleaned
- 4 - “DUST CONTAINER UNLOADING WARNING MESSAGE” Led
If “on”, it indicates that the dust container must be unloaded
- 5 - “MOTOR MAINTENANCE WARNING MESSAGE” Led
If “on”, call the Maintenance Service to carry out motor servicing
- 6 - “+” key
It is used during programming operations to increase the value indicated on the display
- 7 - “-” key
It is used during programming operations to decrease the value indicated on the display
- 8 - “CURSOR” key
It is used during programming operations to display the different parameters
- 9 - “ENTER” key
It is used during programming operations to store new parameters
- 10 - “POWER” Led
If “on”, it indicates that the line is powered and the central suction unit is ready to be used
- 11 - “ON” Led
If “on”, it indicated that the central suction unit is activated
- 12 - “RESET” key
Once the maintenance operations have been carried out, press this key to set the alarm system timer to zero
- 13 - “DISPLAY” Window
When the central suction unit is operating small dashes flash on this window, while during programming operations the values of the stored parameters are displayed



4 - INSTALLATION



**- ATTENTION -
THE UNDERMENTIONED OPERATIONS MUST
BE CARRIED OUT BY QUALIFIED STAFF**



4.1 Area of installation

Before installing the central suction system, a suction pipes network must be installed by qualified staff. The qualified operators must also spot the best location to install the suction unit.

Suggestions for a correct installation are detailed hereinafter.

If the central suction system has to be installed in a multistorey building, the suction unit must be located at the lowest level of the building. The suction unit can be installed in a service room (for example in a garage or in a storage room), sheltered from atmospheric agents and protected from moisture and temperature changes. Choose a space far from heat sources (burners or radiators).

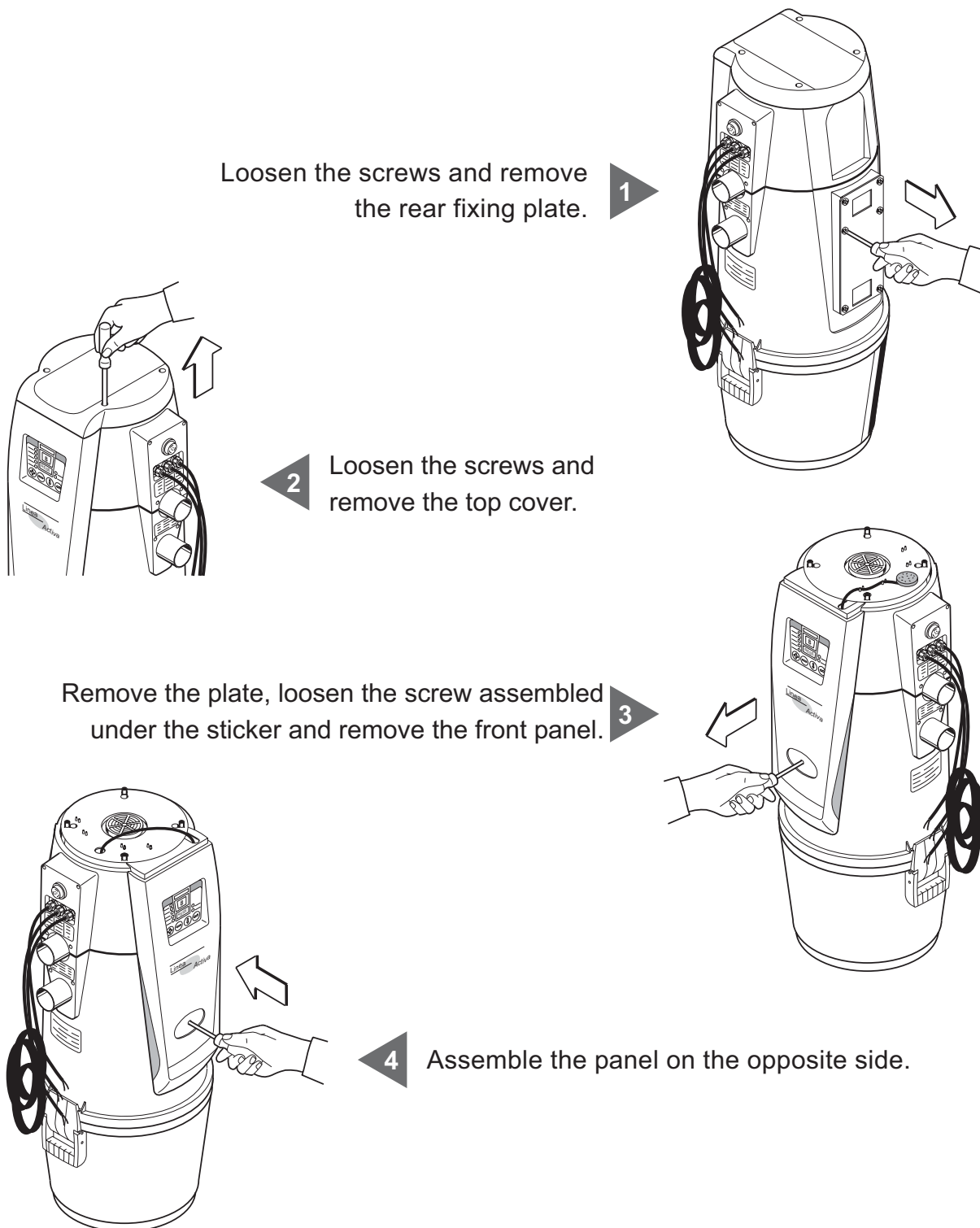
Leave free and well-lit space all around the suction unit to allow convenient maintenance and repair operations.

For any question do not hesitate to contact your provider (supplier).

4.2 Switch from DX (right) to SX (left) model

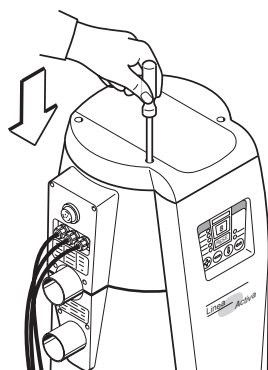
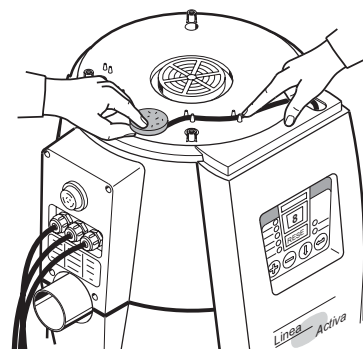
The suction units of the TECNO line are usually delivered with suction and exhaust pipes connections assembled on the right side of the unit (DX model). When necessary, it is possible to switch the suction unit from DX (right) to SX (left) model.

Follow the instructions detailed below to switch from DX (right) to SX (left) model:



Plug the card cable in the special drivers and assemble the dustproof spongy disk to seal the opening (Only for TECNO Activa Line).

5

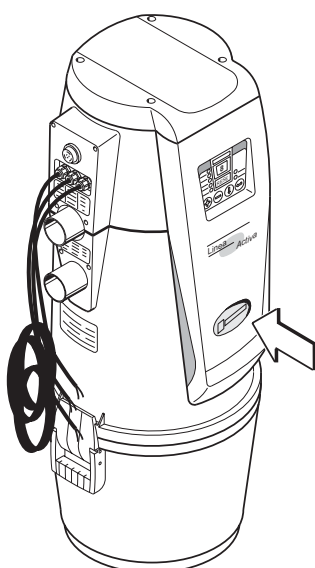
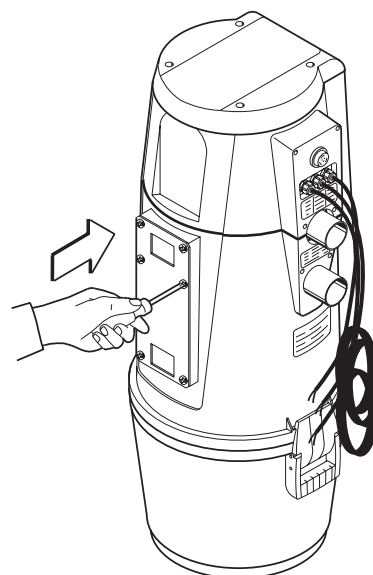


6

Assemble the top cover.

Assemble the fixing plate.

7



8

Fix the adhesive plate supplied with the central suction unit.

English

4.3 Installation of the central suction unit

You must use the special frame (provided with the suction unit) and the special screws to hang the central suction unit firmly and permanently to a wall. Remember that the special frame must hold up the equivalent of eight times the weight of the suction unit (please refer to par. 3.5 table).

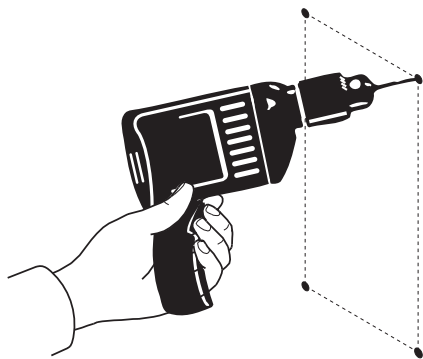
The operator must hang the suction unit at a suitable distance from the floor to allow an easy unloading of the dust container and a trouble-free replacement of the filter. Follow the instructions detailed herebelow to hang correctly the suction unit to the wall:

Position the special frame provided with the suction unit and lay out the reference points.

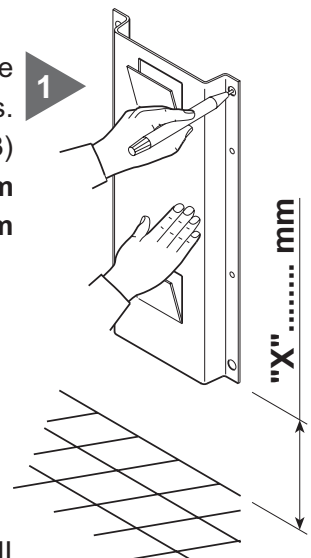
(if the drilling has already been carried out, go to step 3)

Measure "X": Mod. TA/TE 050,100, 200, 400= **Minimum 500 mm**

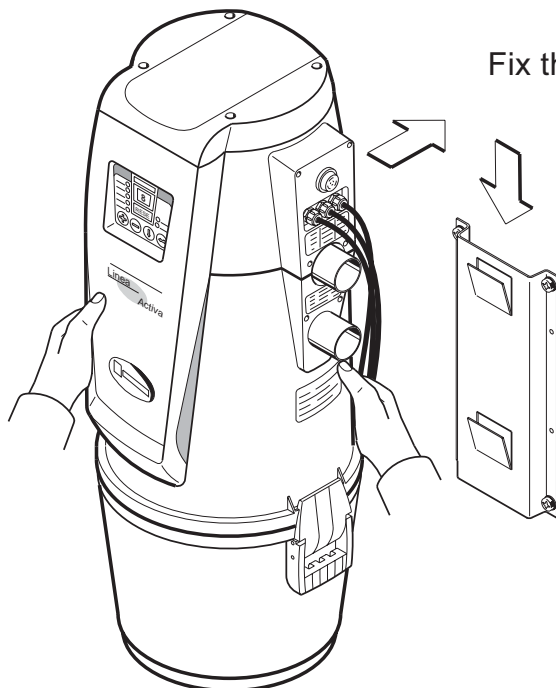
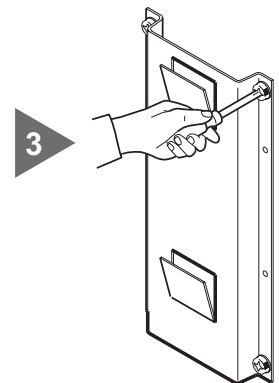
Measure "X": Mod. TA/TE Mini, Media, Media Plus= **Minimum 350 mm**



2 Drill the holes into the wall.



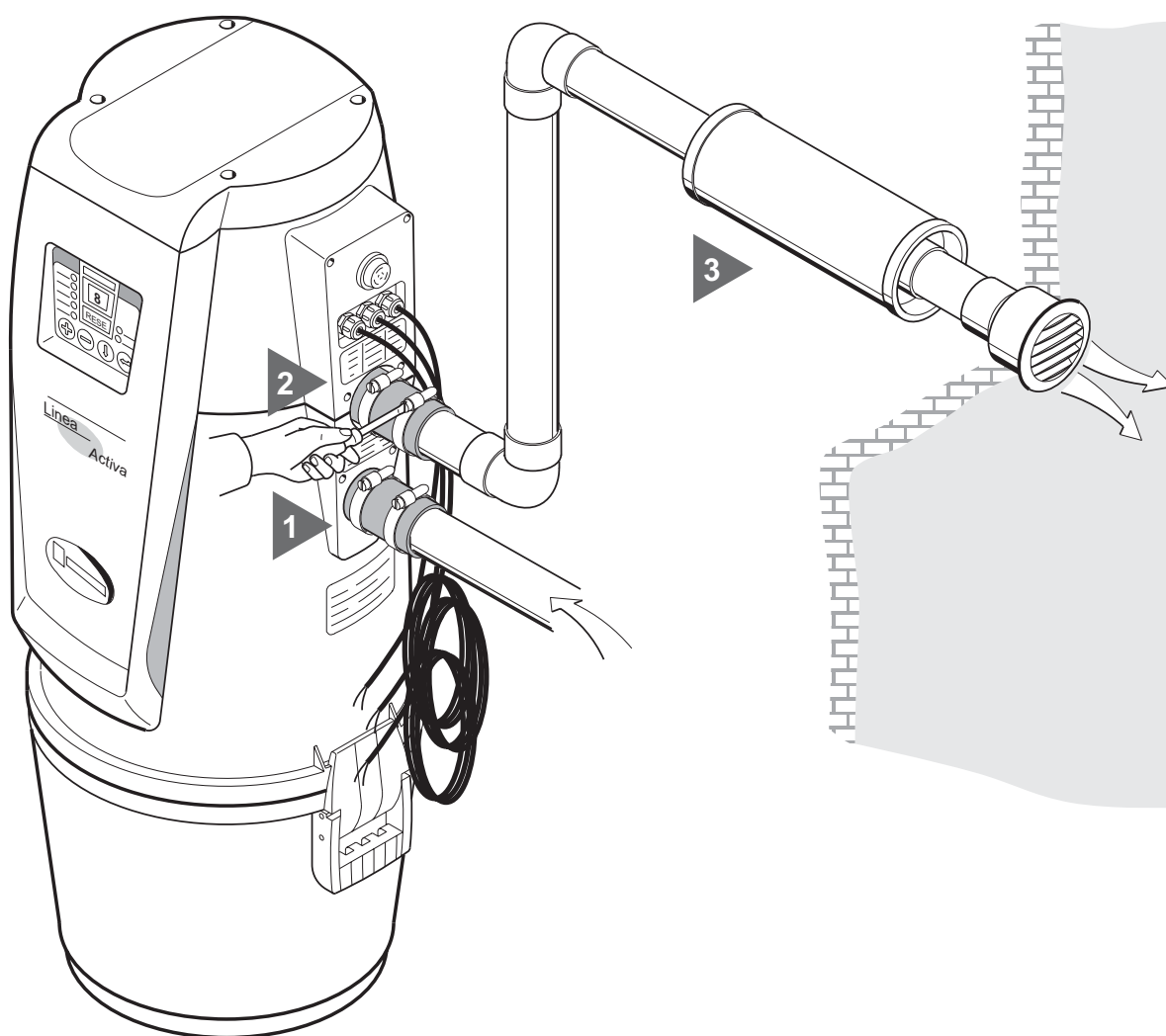
Fix the frame on the wall.



4 Hang the suction unit on to the frame.

4.4 How to connect to the pipe network (see picture)

- 1 - Use the correct rubber fitting to connect the suction unit to the suction pipe (pipe network).
- 2 - Use the correct rubber fitting to connect the suction unit to the air exhaust pipe
- 3 - Stick the silencer on the exhaust pipe near the exhaust grid



English

4.5 Electric connection

ATTENTION: The electric connection must be carried out by duly qualified staff ONLY



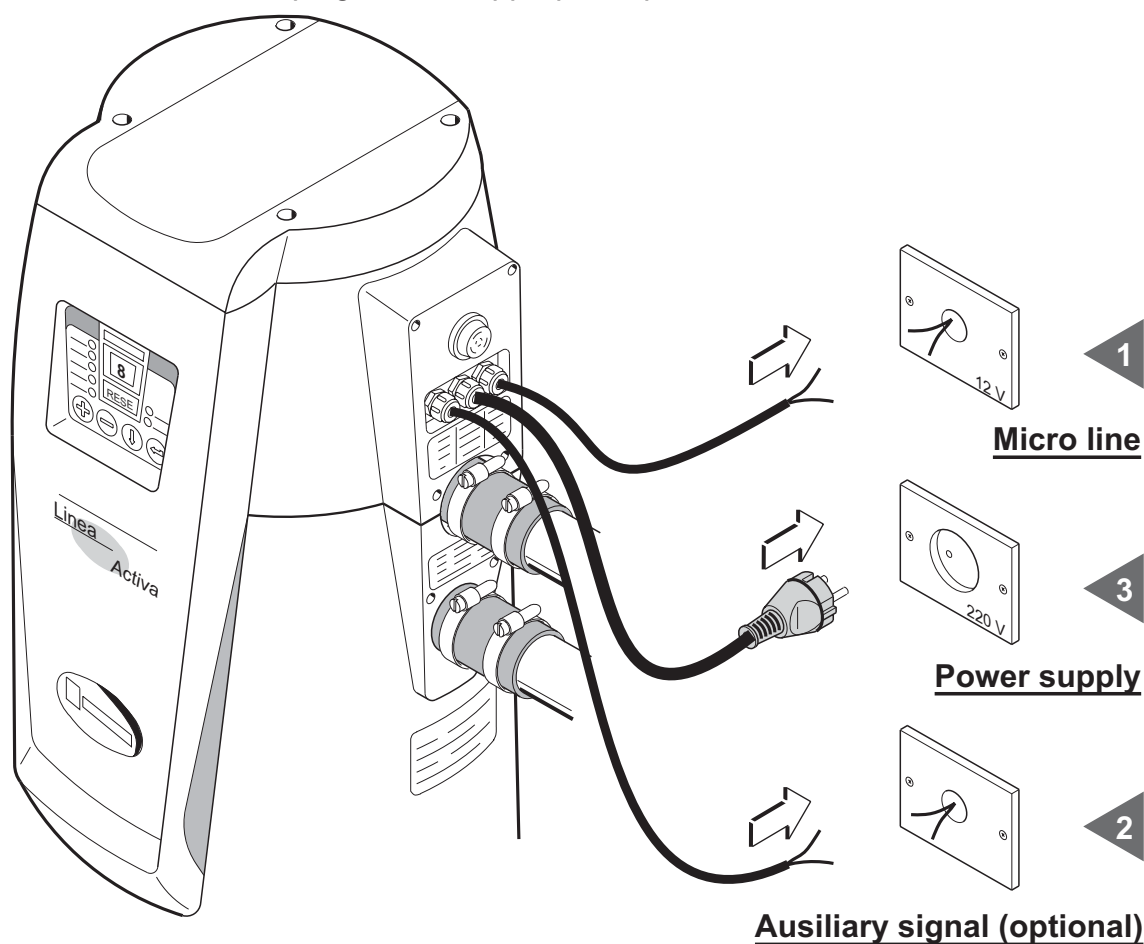
Before plugging in the suction unit, make sure that the main power supply corresponds to the central suction unit power supply (please refer to data indicated on the identification plate).

Connect the activation entry signal cable to low safety tension.

The manufacturer declines full responsibility for damages to persons or objects due to an electric connection and system not in compliance with the regulations in force.

Follow the instructions to carry out this operation correctly (see picture)

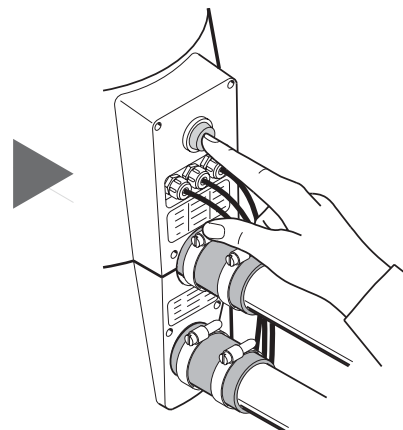
- 1 - Connect the low voltage signal input cable to the cable coming from the suction inlets.
- 2 - Connect the exit cable for the auxiliary maintenance signal (only for central Tecno Activa). **The use of this signal is optional.** Note: this signal is activated by a relay which is assembled inside the suction unit and it is a dead contact normally open (N.O) to be powered with a 12 V. - 0,10 A MAX voltage.
- 3 - Insert the electric plug into the appropriate power outlet.



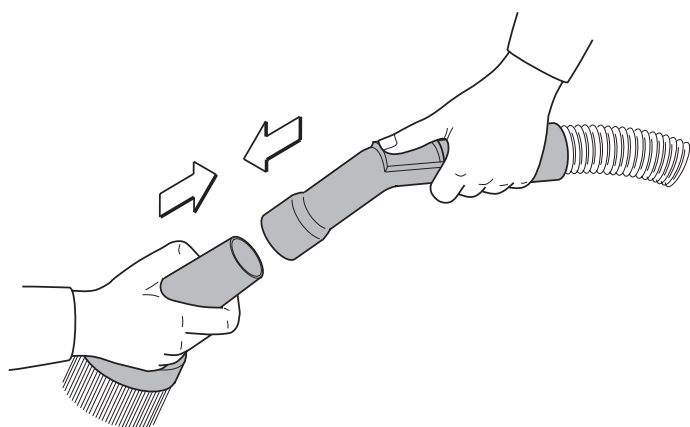
5 - HOW TO USE THE CENTRAL SUCTION UNIT

5.1 Starting of the suction unit

Press the electric power switch.
The switch will turn red.

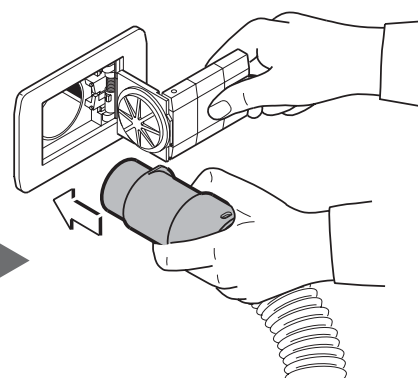


5.2 Use of the suction system



1 Fit the appropriate cleaning
accessory on the flexible
hose.

2 Fit the opposite end of the flexible hose in the
suction inlet.
The suction system will start automatically.



After finishing the cleaning operations, remove the hose from the suction inlet and push gently its cover until it engages. The cover must be engaged gently to avoid any backstroke of the cover against the suction inlet; allow the suction unit a few seconds to stop.

6 - MAINTENANCE

- ATTENTION -

ALWAYS UNPLUG THE POWER SUPPLY CABLE FROM THE POWER SUPPLY SOCKET AND ALWAYS WEAR PROTECTION GLOVES AND EYE PROTECTION BEFORE CARRYING OUT ANY TECHNICAL OR MAINTENANCE OPERATION



English

6.1 Programmed maintenance

In order to keep the system perfectly operating and to avoid any possible technical trouble, the user must overhaul the entire system at precise time intervals, according to the accumulated operating time of the central suction unit. The central suction units of TECNO Activa line are equipped with a computer to control the maintenance routine.

In particular, the system indicates when the dust container must be unloaded, when it is necessary to check the functioning of the electric motor and when the dust cartridge must be cleaned.

Furthermore, a special device (supplied on demand) warns the user by means of a remote control system when it is necessary to carry out maintenance operations or connect directly to the service provider, if a maintenance contract has been previously agreed.

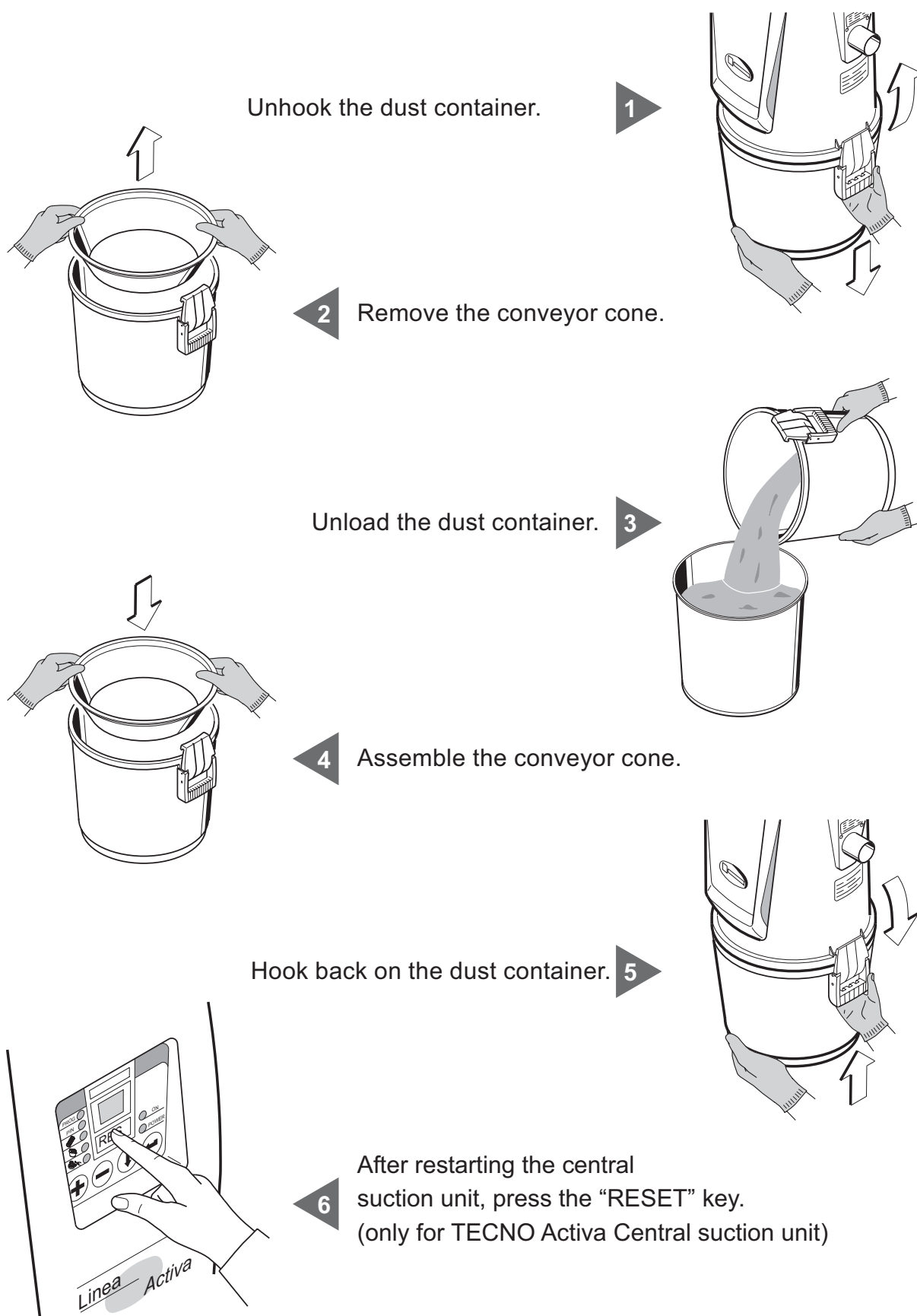
For central suction units of TECNO Evolution Line, which are not equipped with a computer for maintenance purposes, keep to the instructions detailed in the table below:

Time (Hours)	Type of intervention	Carried out by
4	Clean the filter cartridge	User
6	Unload the dust container	User
32	Replace the filter cartridge	Technical Service
54	Control the obstruction level of the air exhaust	Technical Service
400	Replace the electric motor carbons	Technical Service

The body of the suction unit needs periodically cleaning. Use a smooth and damp cloth with some neutral soap.

Attention: Be sure to use only water or water with neutral soap. Alcohol or other solvents may damage the unit. Wait until the unit is perfectly dry prior to use.

6.2 Unloading of the dust container



English

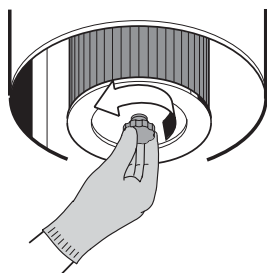
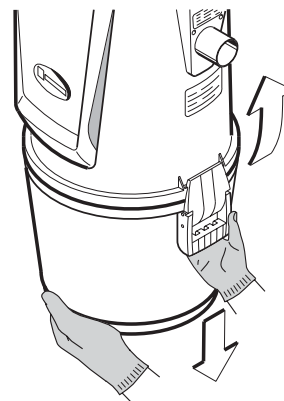
6.3 Replacement of the filter cartridge



- ATTENTION -

The replacement of the filter cartridge must be carried out by duly qualified STAFF ONLY

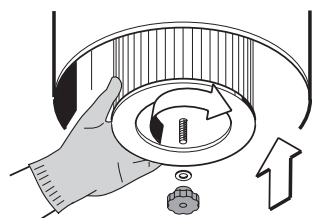
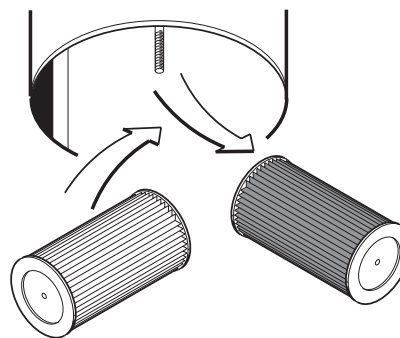
Unhook the dust container.



Unscrew the locking handle..



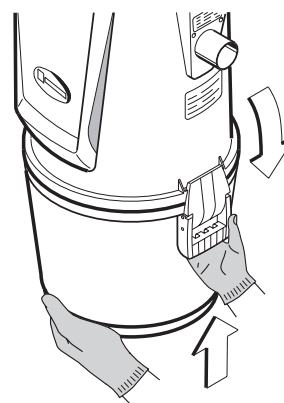
Replace the filter cartridge.



Screw the locking handle.



Hook back on the dust container.



After restarting the central suction unit, press the "RESET" key.
(only for TECNO Activa Central suction unit)

6.4 Reconditioning of the filter cartridge

- ATTENTION -

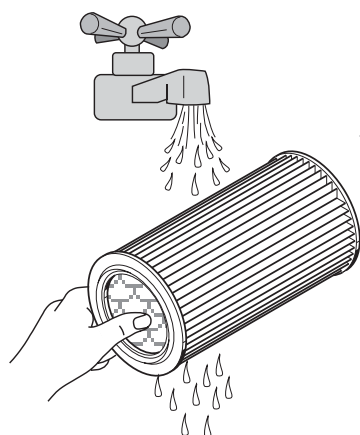
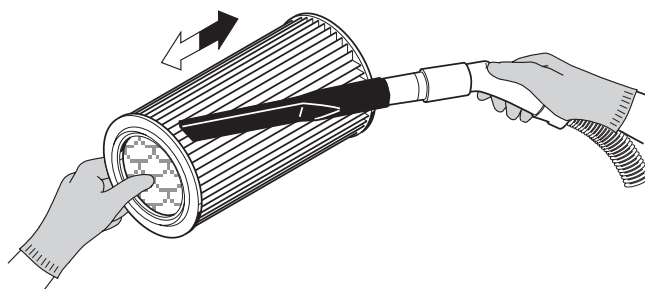


**NEVER USE THE SUCTION UNIT WITHOUT THE FILTER.
BEFORE CARRYING OUT THE OPERATION
DESCRIBED HEREUNDER,
ALWAYS ASSEMBLE A NEW CARTRIDGE.**



The filter cartridge can be reconditioned many times; use the corner nozzle of your suction unit to clean the filtering surface of the cartridge.

1



2

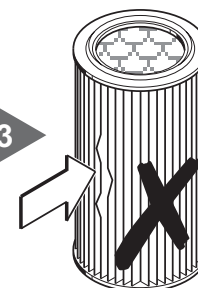
The filter cartridge can be washed with water

ATTENTION: before reassembling the filter make sure that it is completely dry



Check if the surface of the cartridge is torn; if this is the case, do not recondition the cartridge and do not use it again.

3



7 - SERVICING

7.1 Servicing criteria

It is strictly forbidden to operate on the central suction unit to carry out any maintenance or servicing not mentioned (and therefore not allowed) in the user manual.

Only qualified providers of the technical assistance service can carry out any maintenance or repair operations.

The guarantee will not apply in case of interventions carried out by non-authorized staff and the manufacturer cannot be considered responsible for possible injuries to persons and damages to things resulting from this kind of intervention.

8 - MAINTENANCE COMPUTER PROGRAMMING

(only for TECNO Activa Central suction unit)

8.1 General information

Your TECNO Activa motor is programmed in order to warn you for its scheduled cleaning and or a malfunction of its motor.

If necessary, the parameters stored in the computer can be modified to suit specific needs.

Warning

Any modification of the parameters can only aim at optimizing standard pre-set values. For example, if 4 hours (standard value) is the warning signal stored, it could be brought to 2 hours but not to 6 hours.

During the programming operations, follow the instruction detailed on the table to set new parameters:

Value on the display	1	2	3	4	5	6	7	8	9
Equivalent value on operating hours before trigger alarm FILTER CARTRIDGE CLEANING	2 <input type="checkbox"/>	4 <input type="checkbox"/>	6 <input type="checkbox"/>	8 <input type="checkbox"/>	10 <input type="checkbox"/>	12 <input type="checkbox"/>	14 <input type="checkbox"/>	16 <input type="checkbox"/>	18 <input type="checkbox"/>
Equivalent value on operating hours before trigger alarm DUST CONTAINER UNLOADING	3 <input type="checkbox"/>	6 <input type="checkbox"/>	9 <input type="checkbox"/>	12 <input type="checkbox"/>	15 <input type="checkbox"/>	18 <input type="checkbox"/>	21 <input type="checkbox"/>	24 <input type="checkbox"/>	27 <input type="checkbox"/>
Equivalent value on operating hours before trigger alarm MOTOR SERVICING	50 <input type="checkbox"/>	100 <input type="checkbox"/>	150 <input type="checkbox"/>	200 <input type="checkbox"/>	250 <input type="checkbox"/>	300 <input type="checkbox"/>	350 <input type="checkbox"/>	400 <input type="checkbox"/>	450 <input type="checkbox"/>

- New optimizing values accepted
- Standard parameter values
- Non-optimizing values that cannot be used

Attention

Modifying the values above is a very simple procedure, but it requires a minimum of attention and all sequences should be followed meticulously in order to be effective. If you need additional information or have any doubt before the execution of the modification procedure, please contact your service provider.

























8.2 Personalization of the maintenance parameters













With this procedure your central vacuum is allowed to receive the desired maintenance programs which suite you. The values set by the manufacturer can be modified through the installed computer (see the pre-stored values at par. 8.1).

ATTENTION: for further changes of the maintenance parameters, use the procedure of par. 8.4 "change personalized maintenance parameters". A second use of the described procedure in this paragraph would reset all the values, and make impossible the display of the choices previously applied.

Note: the insertion of a code PIN (maximum 6 figures) allows the access for changing the parameters.

















The procedure to create the PIN code (to be inserted only the first time) and to set the new personalized maintenance parameters (only for the first time) is the following:

- 1 - If the machine is switched on, it should be switched off by pressing the electric power switch.
- 2 - Press simultaneously the buttons  &  and then contemporaneously switch the machine on.
- 3 - The led  POWER ,  PROG and  PIN will appear together with a bar  on the monitor. Now we are ready to enter the PIN.
- 4 - Press the button  . A  will appear on the display.
- 5 - With the buttons  &  choose the first number you wish to have. For example if you would like to have the PIN "123", the first number will be "1".
- 6 - Press the button  to enter the number. Automatically another  will appear.
- 7 - Repeat the steps "5" & "6" to insert the other PIN numbers (Max. 6 characters).
- 8 - At this stage, once the PIN has been entered, you have to make the sign  to appear on the display, which is necessary to recognise the ending of the PIN. To make the display to show the sign  press the button  .
- 9 - Press the button  to enter the sign  . At this stage it is not possible anymore to modify the PIN number.
- 10 - By pressing repetitively the button  it is possible to display in sequence the entered PIN number.
- 11 - Press the button  . The led  PIN will switch off and the led CLEANING FILTER CARTRIDGE ALARM  will switch on. The number "1" will appear.
- 12 - With the buttons  and  choose a number (from 1 to 9) which will indicate after how many hours the alarm should go off.
- 13 - Press the button  to enter the number.

- 14 - Press the button  . The led  CLEANING FILTER CARTRIDGE ALARM will switch off and the led  DUST CONTAINER UNLOADING ALARM will switch on. On the display the number “1” will appear.
- 15 - With the buttons  and  compose the number (from 1 to 9) which will indicate after how many hours the alarm should go off.
- 16 - Press the button  to enter the value.
- 17 - Press the button  . The led  DUST CONTAINER UNLOADING ALARM will switch off and the led  MOTOR MAINTENANCE ALARM will switch on. On the display the number “1” will appear.
- 18 - With the buttons  and  choose a number (from 1 to 9) which will indicate after how many hours the alarm should go off.
- 19 - Press the button  to enter the value.
- 20 - At this stage the programming is terminated. To exit either press button **RESET** or close the micro line (by inserting the flexible hose into one suction inlet).

8.3 Displaying of the personalised maintenance parameters























The following procedure allows to **display** the personalised maintenance parameters without changing the set values.

- 1 - Verify that the machine is connected to the main power supply but not running, (the led  ON is off and the led  POWER is on).
- 2 - Keep the button  pressed for approximately 5 seconds.
The led  PROG and  PIN will switch on.
- 3 - DISPLAY OF THE PIN CODE: press repetitively the button  to scroll the programmed PIN code number.
- 4 - DISPLAY OF THE CLEANING FILTER TIMING: press the button . The led  PIN will switch off and the led  FILTER CLEANING will switch on.
The programmed number of hours will be displayed (see reference values at pag. 23).
- 5 - DISPLAY OF THE DUST CONTAINER UNLOADING TIMING: press the button . The led  will switch off and the led  DUST CONTAINER will switch on.
The programmed number of hours will be displayed (see reference values at pag. 23).
- 6 - DISPLAY OF THE MOTOR MAINTENANCE TIMING: press the button . The led  will switch off and the led  MOTOR MAINTENANCE LED will switch on.
The programmed number of hours will be displayed (see reference values at pag. 23).
- 7 - By pressing the button  you go back to step "3".
- 8 - To exit the display press the button **RESET** or switch the machine on by opening a suction inlet or by closing the micro switch line.

NOTE: This function can be used alone if a customization of the data has been done previously; otherwise nothing will be displayed. The basic data entered by the manufacturer will not be considered customized.

8.4 Modifying the personalised maintenance parameters

The following procedure allows you to **modify** the personalised maintenance parameters.
ATTENTION: Any new change will cancel the previously inserted data.

- 1 - Verify that the machine is connected to the main power supply but not running, (the led  ON is off and the led  POWER is on).
- 2 - Keep the button  pressed for approximately 5 seconds.
the led  PROG and  PIN will switch on.
- 3 - CHANGE OF THE CLEANING FILTER TIMING: Press the button  until the FILTER led  switches on. The programmed number of hours will be displayed. Press buttons  or  to increase or decrease the value. Confirm the change by pressing the button  (see reference values at pag. 23)
- 4 - CHANGE OF THE DUST CONTAINER UNLOADING TIMING: Press the button  until the DUST CONTAINER led  switches on. The programmed number of hours will be displayed. Press buttons  or  to increase or decrease the value. Confirm the change by pressing the button  (see reference values at pag. 23).
- 5 - CHANGE OF THE MOTOR MAINTENANCE TIMING: Press the button  until the MOTOR MAINTENANCE led  switches on. The programmed number of hours will be displayed. Press buttons  or  to increase or decrease the value. Confirm the change by pressing the button  (see reference values at pag. 23).
- 6 - By pressing the button  you go back to step “3”.
- 7 - To exit, press the button  or switch the machine on by opening a suction inlet or by closing the micro switch line.

9 - SPARE PARTS

9.1 Spare parts list

It is advisable to stock the spare parts more subject to wear. In order to grant the best performance of the central suction system, we suggest using only original SISTEM-AIR spare parts.

Please find below a list of spare parts.

Description	Quantity	Spare Part Code	Central Suction Unit Model
Filter Cartrige	1	1610.5	- Mini TE - Mini TA
Filter cartrige	1	1610.0	- Media TE - Media TA - Media PLUS TE - Media PLUS TA - SA 050 TE - SA 050 TA - SA 100 TE - SA 100 TA - SA 200 TE - SA 200 TA - SA 400 TA

10 - DISMANTLING

10.1 General instructions

When dismantling the central suction system, dispose appropriately the used parts or material, which could endanger human health or well-being as well as the environment if handled improperly.

You must be acquainted with sites/companies authorized to collect and dispose of used parts and materials.

The disposal and/or recycling of any part of the suction system must be carried out in compliance with the legal regulations in force.

11 - TROUBLESHOOTING

11.1 Troubleshooting

Problem	Possible causes	Possible corrective measures
No air suction in all air inlets	The power supply cable is unplugged	Plug in the power supply cable
	The electric switch of the central suction system is not pressed	Press the electric switch. It will turn red
	The start signal cable is unplugged	Plug in the start cable
	The thermal relay of the motor does not work	Leave the motor some minutes for cooling down. Call the service provider
No air suction in only one inlet	The power supply contacts are cut off or the microswitch of the inlet does not work	Contact the technical service provider
Weak air suction	Several suction inlets are used simultaneously	Use only one suction inlet at a time
	The hose or the cleaning accessories are broken/damaged	Check if the hose is integral and if the fitting is correctly inserted
	The filter cartridge is dirty	Change the cartridge Contact the technical service provider
	The conveyor cone of the dust container is damaged or incorrectly positioned	Check if the dust container is hooked on correctly
	The pipes of the suction system are obstructed	Contact the technical service provider
	The air exhaust is obstructed	Contact the technical service provider
The suction unit does not stop when the suction inlets are closed	The microswitch of a single inlet does not work	Contact the technical service provider