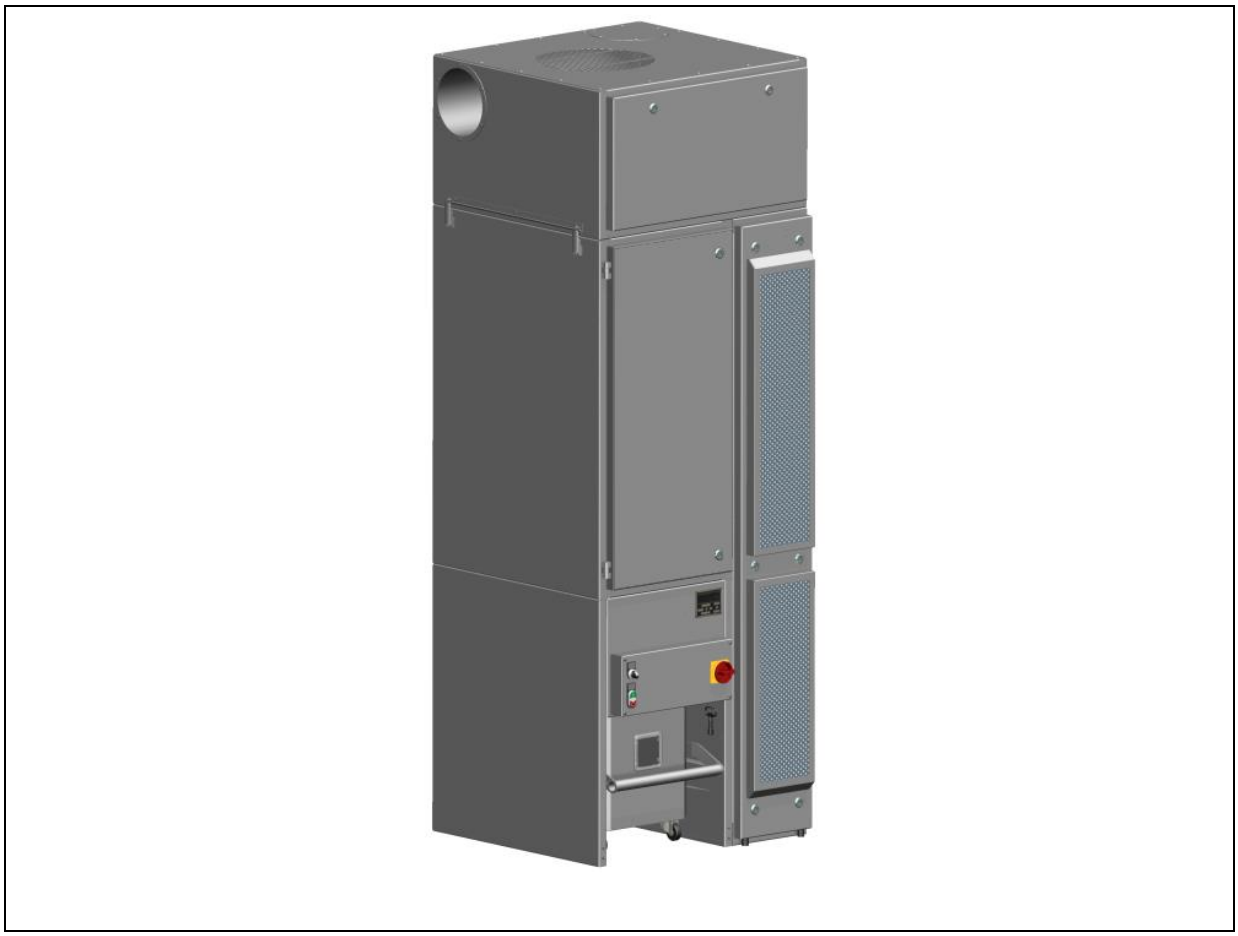
ottobock.



Translation of the original operating instructions

Exhauster V80C Mini
701Z55
701Z60
701Z65

EN - Additional language versions are available for download under: www.pe.ottobock.com/downloadcenter

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Contents

1. Preface

We congratulate you on purchasing your VACUUM 80 COMPACT MINI (FLEXAM V80C MINI). We are convinced that you will perform your work activities fast, safe, pleasant, healthy and ergonomically. Should you have any comments or ideas that could contribute to further improving the machinery, we would like to hear from you. Partly thanks to the continuous input of users, the has been further developed into the current reliable and valued product. Thank you in advance for your continued input and we hope that you will also share your positive experiences with other users.

1.1. Applications

The machinery is used as a dust collector for the branches: orthopaedic footwear, orthopaedic technology, shoe making and podiatry. The suction unit is designed and manufactured by Ottobock Equipment. It is designed for machinery from the Ottobock Equipment product range. Proper operation and results cannot be guaranteed by Ottobock Equipment when connecting "foreign machinery" from other manufacturers to the V80C MINI.

1.2. Connection

This V80C MINI suction and filter unit connects to the FLEXAM milling, sanding, pumice and polishing units. You can also connect the machine to other machinery (band saw, cutter funnel, etc.). These machinery are given an automatic valve system and switch section, so when turning on the machine, the suction installation is also turned on and the relevant suction valves are opened.
Standard machinery can only be connected if they are modified by Ottobock Equipment. Standard machinery does not have an automatic valve system, which means that it is possible that the capacity of the V80C MINI is insufficient. Since manual valves on standard machinery do not shut completely airtight, the sound level will be higher in comparison to FLEXAM machinery.

1.3. Maintenance

The V80C MINI is manufactured with great care and meets all standards that are currently set for the machinery construction sector. Maintenance must only be performed by the Ottobock Equipment service team or service companies that are approved by the manufacturer. If machinery is serviced by unauthorised persons, the warranty becomes void.

1.4. Warranty

The machinery is warranted by the manufacturer for 12 months, with the express condition that the V80C MINI is operated by qualified personnel only during this period. Furthermore, the V80C MINI must not be used for purposes other than what it was originally designed for. Warranty is given on all damaged parts, where damage is caused during normal operating conditions. The manufacturer shall always be contacted in writing immediately after discovery of the damage, accompanied by the damaged part. The part will be then sent by return free of charge.

1.5. Benefits

The most important benefit of the V80C MINI is its extremely compact dimensions, allowing the V80C MINI to operate in virtually every workplace. The compact dimensions of the V80C MINI allows you to place it directly next to your machine. Depending on the model you own, it is possible to connect one to two machines to the V80C MINI. Furthermore, the dust filters have a long lifetime and the fully automatic cleaning option ensures a high level of dust filters cleaning. The large fabric waste container can be emptied easily and thus limits maintenance to a minimum.

Good luck with your new work place set up,

Ottobock Equipment

2. Technical description

2.1. Description of symbols

The following symbols are used in these operating instructions:

Warning message. If the prescribed procedure in these operating instructions is not followed, it may result in irreversible damage to the V80C MINI and/or serious physical harm.

Voltage. If the prescribed procedure in these operating instructions is not followed, it may result in irreversible damage to the V80C MINI and/or serious physical harm with death as a consequence.

2.2. Purpose and safety

This chapter explains how to operate the V80C MINI safely and correctly.
No spare parts were delivered with the V80C MINI.

All information in these operating instructions about repair, maintenance and installation is solely intended for qualified personnel.

Do not remove parts, unless it is clearly stated in these operating instructions.

Before placing the V80C MINI, you must be aware of the quality of the floor, as the V80C MINI must be positioned on a stable and rigid floor.

The V80C MINI is made for indoor use only. Never place the V80C MINI in a humid environment.

The V80C MINI and applied filter units are not suitable for suction of humid and/or wet materials and explosive substances and vapours.

Its filters are adapted for separating grinding or milling waste when processing the following materials; wood, cork, plastics and plaster. These materials must be dry when processed.

All sanding and milling waste that is collected with the V80C MINI must be further processed in accordance with the statutory environmental requirements.

Performing repairs or making changes to the controls can and must only be performed by the supplier or an installer authorised by the supplier.

The V80C MINI must only be transported by Ottobock Equipment personnel or by a transport company approved by Ottobock Equipment.

The power of the V80C Mini 1,1kW and 2,2kW needs to be connected with a CEE plug 400V, 16A (3PH+N+PE).
The power of the V80C Mini Automatic needs to be connected directly with 230V.

When connecting "foreign machinery" (machines other than the Ottobock Equipment product range) to the V80C MINI, it is possible that the control technology becomes unstable and safety regulations may not be observed. Connecting "foreign machinery" is solely at your own risk.

When malfunctions occur or the program is modified, the control cabinet may only be opened after turning off the main switch.
Performing repairs or making changes to the control cabinet can and must only be performed by the supplier or an installer authorised by the supplier.

Do not use electrical devices within a range of 1 meter of the installation when replacing the dust bag or replacing filters.

2.3. Technical data

Name:	VACUUM 80 COMPACT MINI
Types:	- V80C Mini 1,1 kW - V80C Mini 2,2 kW - V80C Automatic 2,2 kW
Serial no.:	See data plate
Year of manufacture:	See data plate

Dimensions:	See Appendix 1
Volume container	60 litre, (using 2/3 of the container)

	V80C Mini 1,1 kW	**V80C Mini 2,2 kW**	**V80C Automatisch 2,2 kW**
Connection diameter:	Ø160 mm	Ø180 mm	Ø180 mm
Nominal flow:	1200 m^3/h	2000 m^3/h	2000 m^3/h
Max. vacuum:	1900 Pa	2500 Pa	2500 Pa
Sound level:	64 dB(A)	68 dB(A)	68 dB(A)

Environmental conditions: 5°C < up to < 40°C

Installation details: The V80C Mini 1.1 kW is suitable to connect one machine, where the connection diameter from the machine to the V80C MINI 1.1 kW over the entire distance is 160mm.
The V80C MINI 2.2 kW and Automatic 2.2 kW are suitable for connecting one or two machines. When connecting two machines, take into account two connections of approx. 150/160mm to one single 180mm of the V80C MINI connection. When connecting one single machine, the connection over the entire distance can be 180mm.

Filters used:	Needle felt bags 400gr. with coating to repel dust. Anti static lining.
Number of filter tubes:	15 pieces
Diameter filter tubes:	130mm

Engine specifications:	**Fan (Basic 1.1 kW)**	**Fan (Basic 2.2 kW)**	**Vibration**
Power:	1.1 kW	2.2 kW	0.13 kW
Rotational speed:	2850 r/min.	2875 r/min.	1500 r/min.
Voltage:	380/400V - 3Ph - 50Hz - 50Hz	380/400V - 3Ph - 50Hz	380/400V - 3Ph
Amperage:	2.5 A	4.4 A	0.49 A

Surface finishing: The V80C MINI is powder coated. Some components are electro-galvanised.

If you own a V80C MINI Automatic 2.2 kW, a separate control cabinet is included.

Control cabinet:	Metal powder coated cabinet and base plate (CE).
Dimensions:	400 x 500 x 210 mm
Connections:	230V, grounded outlet.
Protection class:	IP66

2.4. Installation

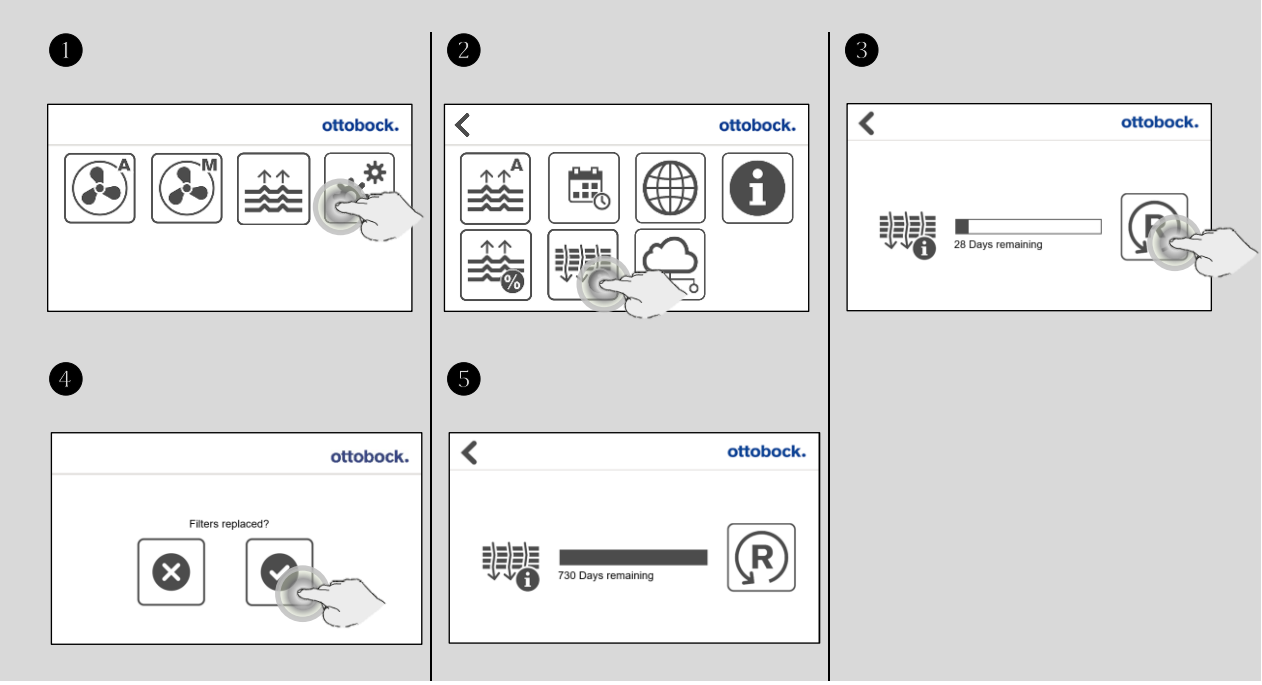
Read these operating instructions carefully before installing, connecting, operating or maintaining and cleaning the V80C MINI. Make sure you have sufficient knowledge of the V80C MINI and ensure you are familiar with all safety instructions, before operating on the V80C MINI.

Connecting the V80C MINI 1.1 kW and 2.2 kW
For connection, one wall outlet 400V, 16A CEE standard is required.
CAUTION: Connect the machine to a separate group 400V, 16A,
and at least with minimal fuse protection - with a ground fault 300mA, slow.

Connecting the V80C Mini Automatic 2.2 kW
For connection, one 230V connetion is required.
CAUTION: Connect the machine to a separate group 230V, 16A,
and for minimal fuse protection with a ground fault 300mA.

2.4.1. Resetting the lifetime of the filter

The filter lifetime should be reset before the first commissioning. The filter lifetime is 2 years.



2.4.2. Required space

The dimensions of the required space as shown in Appendix 1, apply to all types of the V80C MINI (Basic 1.1 kW, 2.2 kW and Automatic 2.2 kW). Consider the required free space for removing the dustbin and reaching the filters when setting up the machine.
Also note that for the V80C MINI Automatic 2.2 kW, enough space must be left available for the control cabinet.

2.4.3. Position of suction tube connection

The suction tube on the V80C MINI can be connected in three different positions, see Annex 1.
The V80C MINI comes as standard with the connection on the left side.
This connection can be refitted inside the fan box, which allows the connection to be positioned on the top or on the right side.

2.5. EC – DECLARATION OF CONFORMITY

Manufacturer:

Otto Bock Equipment B.V.
Industrial Park “het Hoog”
Mandenmaker 14
5253 RC Nieuwkuijk, The Netherlands

Hereby declares that the machine, manufactured by us, model VACUUM 80 COMPACT MINI, fully complies to the following directives:

2006/42/EC	General machinery directive.
2014/35/EU	Low voltage directive.
2011/65/EU	Restrictions on the use of certain hazardous substances in electrical and electronic equipment.

And complies with the following standards:

NEN-EN-ISO 12100:2010	Safety of machinery — General principles for design — Risk assessment and risk reduction.
NEN-EN-ISO 13854:2019	Safety of machinery – Minimum gaps to avoid crushing of parts of the human body.
NEN-EN-ISO 13850:2015	Safety of machinery — Emergency stop function — Principles for design.
NEN-EN-IEC 60204-1:2018	Safety of machinery – Electrical equipment of machines - Part 1: General requirements.

And we comply with the obligations stated in Appendix V of the General Machinery Directive.

Nieuwkuijk,

A.H.M. Boom,
Managing Director of Otto Bock Equipment B.V.

2.6. Designation of parts

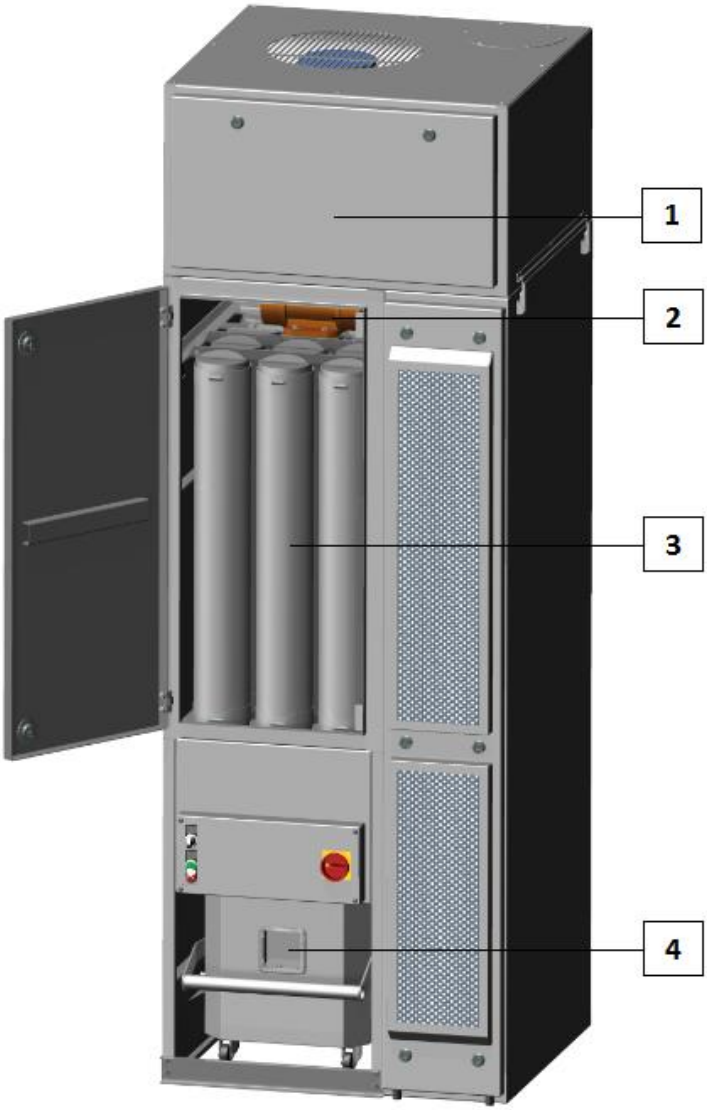


Figure 1: Complete V80C MINI with open door

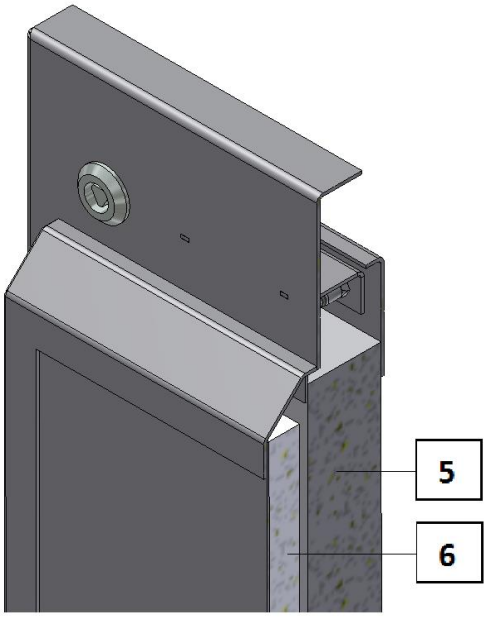


Figure 2: Cross section door outlet

The model of your V80C MINI may differ from the above shown V80C MINI in Figure 1 and 2. However, operation is the same for any model.

1. Fan casing
2. Vibration motor
3. Dust filters
4. Container with plastic dust bag
5. Fine filter
6. Post filter

2.7. Operation of the V80C MINI

The V80C MINI sucks in "dirty" air. This "dirty" air is generated during grinding and/or milling. The "dirty" air is sucked in by the fan, and this "dirty" air is then blown through the dust filters. This causes dirt to stick on the inside of the dust filters (Figure 1, pos. 3). Next, air is blown from the other side of the fan and air is blown through a fine filter and a post filter (Figure 1, pos. 5 and pos. 6). Very small particles are collected therein. After that, the air is returned to your workplace. As the air is released back to your workplace (and is not blown outside), there is no loss of temperature. This also means that no underpressure occurs in your workplace.

The dirt is collected in the dust filters. Because the dust filters must not get clogged, they have to be cleaned. Cleaning is performed by stopping suction and vibrating the filters. This is done by using the vibrator (Figure 1, pos. 2). The dust falls down from the filters into the dust bag, which is inserted in the container (Figure 1, pos. 4). On the V80C MINI 1.1 kW and the V80C MINI 2.2. kW, cleaning must be performed manually. On the V80C MINI Automatic 2.2 kW, cleaning is performed automatically.

After cleaning, your V80C MINI turns on again when your linked machine is turned back on. As the dust bag is not in the airflow, the dirt remains in it. On the rear wall of the machine, a vacuum channel is created at the location of the container. It ensures that air pressure on the inside and outside of the dust bin is the same. This ensures that the dust bag does not fold or cause blockages.

2.8. Assembling the V80C MINI

When you receive the V80C MINI and it is not installed by Ottobock Equipment, the machine still needs to be assembled.

In this case you receive the MINI V80C in two parts, see Figure 2:

1. Fan casing
2. Filter box

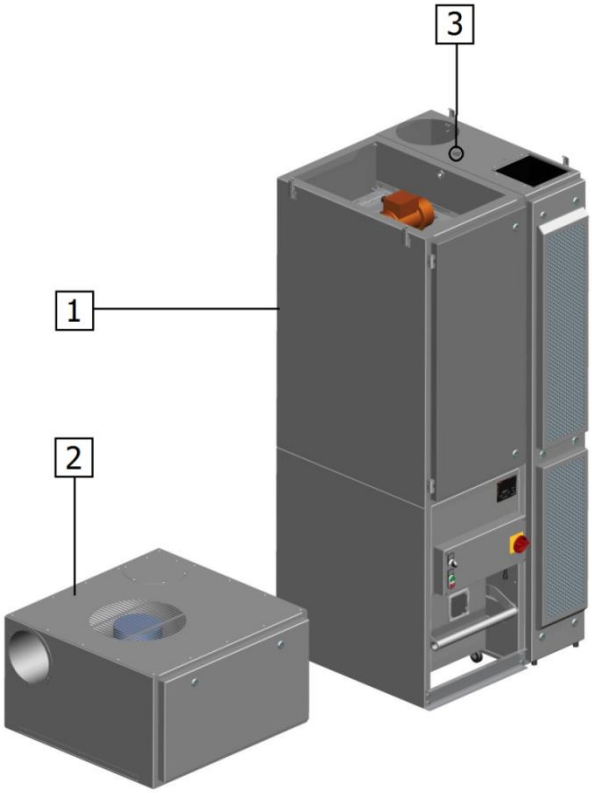


Figure 2: V80C Mini in two parts

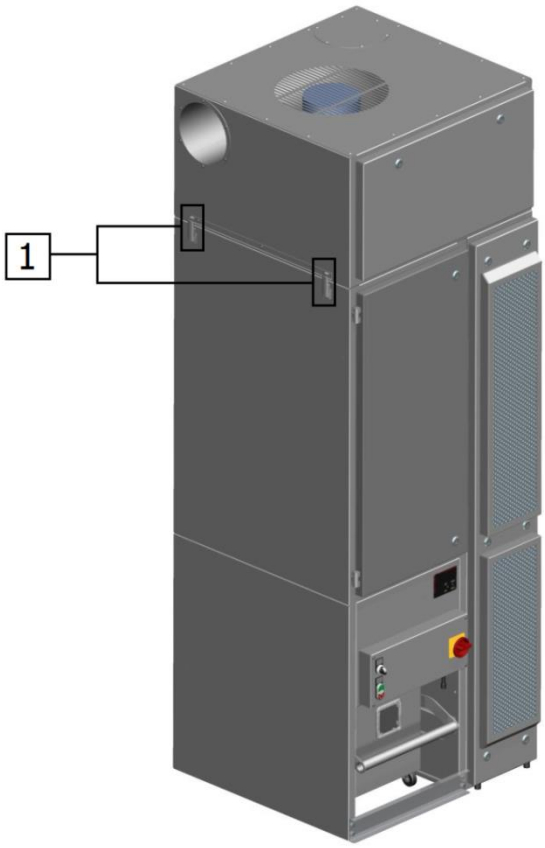


Figure 2.1: Quick release fasteners for the fan box

Place the fan box on the filter box. You may want to use a manual or electric stacker, due to the weight of the fan box.

NOTICE: When placing the fan box, a cable with plug for connecting the fan is sticking out from underneath the fan box. Please ensure that it is not clamped or damaged in any way. Also ensure that the plug is lead through the provided hole (Figure 2, pos. 3).

When the fan box is correctly positioned on the filter box, it can be clammed down with four quick release fasteners; on either side of the cabinet, there are two quick release fasteners (Figure 2.1, pos.1).

Next, connect the fan inside the fan box. For this, you will have to take out the door of the blow unit. Behind this door, a connector is prepared for connecting the fan (Figure 2.2, pos1).

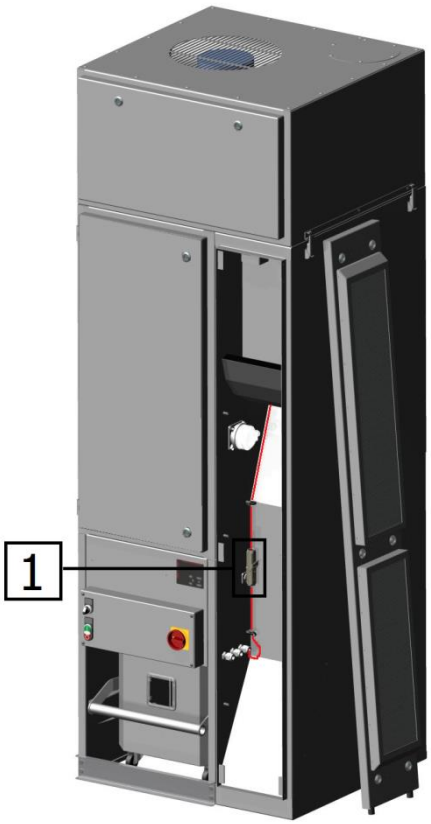


Figure 2.2: Fan box connector

Next, ensure that the V80C MINI is placed at the correct location, so that the suction tubes can be connected. A plug connection or adapter (Figure 2.3, pos. 1) and a sealing ring (Figure 2.3, pos. 2) are included in the standard delivery package. An earth cable must be installed around the sealing ring (Figure 2.3 pos. 3), because static electricity may occur; this is also included in the delivery.

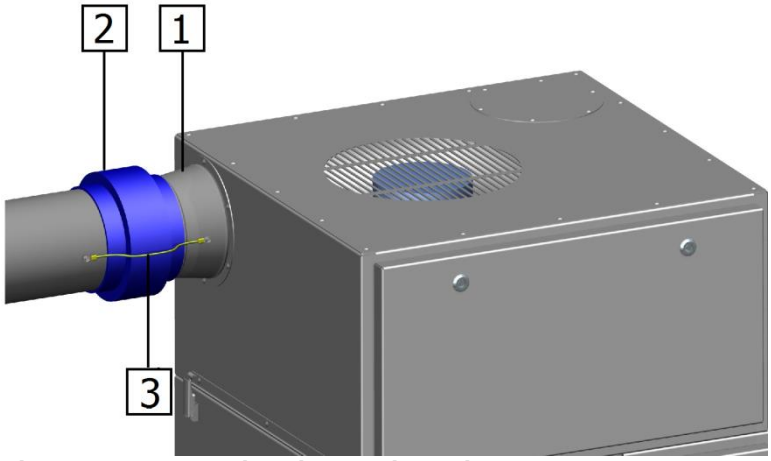


Figure 2.3 Connecting the suction tubes

2.9. Switch the V80C MINI on/off automatically

All V80C MINI models are prepared for the option to turn your V80C MINI on/off with the connected machine. When you turn a machine on or off, the V80C MINI will automatically turn on or off.

NOTICE: This option is only intended for on/off switching machines from the Ottobock Equipment product range. If you do not want to connect machines from the Ottobock Equipment product range, please ask your supplier about the possibilities.

Connecting a machine to your V80C MINI must only be performed by the supplier or an installer approved by the supplier.

In order to connect a machine to your V80C MINI 1.1 and/or 2.2 kW, a terminal box is placed behind the V80C MINI, where the relevant machine can be connected (Figure 2.4).
In order to connect a machine to your V80C MINI Automatic 2.2 kW, the supplied control cabinet has been prepared.

You can find the electrical diagrams for all V80C MINI models in Annex 2 to 4. Machines must be connected according to the relevant diagram in the Annex that belongs to your V80C MINI model.

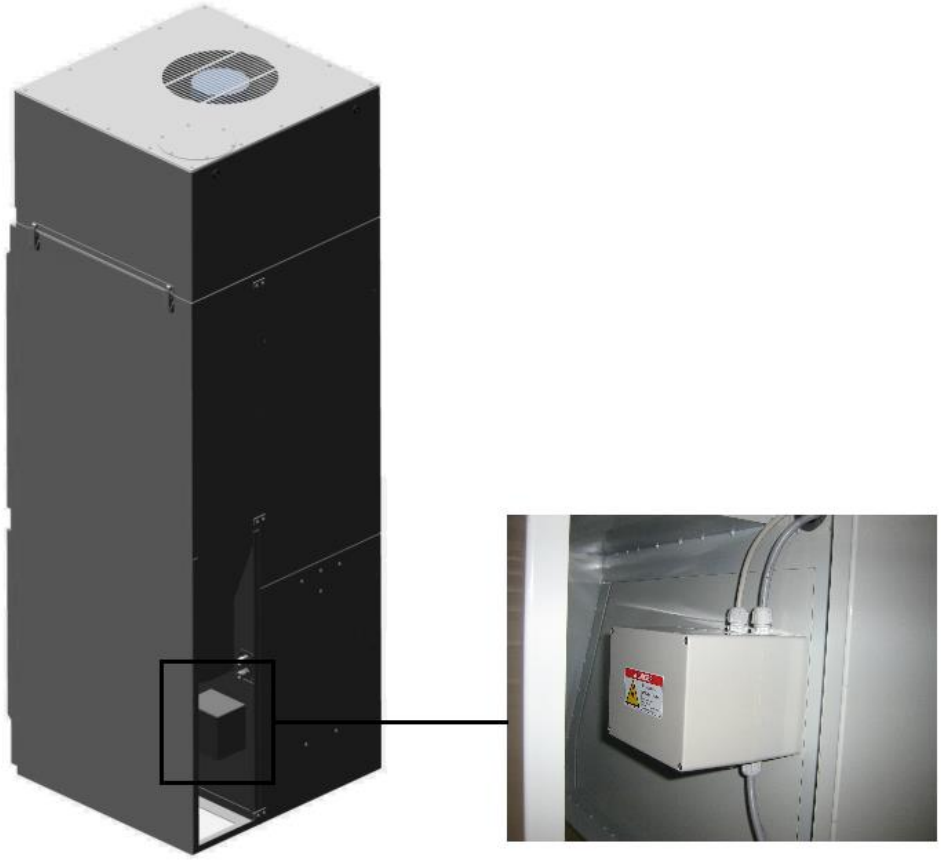


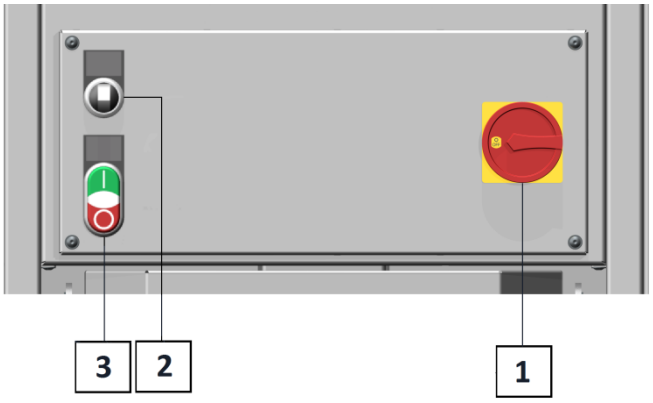
Figure 2.4 Terminal box; turn V80C MINI on/of via connected machine

3. Controls

The location of the controls depends on what type V80C MINI you own. The controls for the V80C MINI 1.1 kW and 2.2 kW is placed on the machine itself. The V80C Automatic 2.2 kW is controlled with a separate control unit.

3.1. Controls for the V80C MINI 1.1 kW and 2.2 kW

These types have a separate control unit that is placed on the machine itself.



1. Main switch
2. Rotary switch manual or automatic machine on/off
3. Start/Stop button Manual Cleaning on/off

Figure 3: Controls on the machine

1. Main switch
To turn on your V80C MINI 1.1 kW or 2.2 kW, put the main switch (Figure 3, pos. 1) on the machine to ON. To turn off (de-energise) your V80C MINI Automatic 1.1 kW or 2.2 kW, put the switch to OFF.

2. Rotary switch manual or automatic machine on/off
With this button (Figure 3, pos. 2) you manually start or stop the machine or the machine starts and stops automatically with the coupled machine.

- OFF: Your machine is off
- M (manual): This turns the machine on by hand; put the button to "OFF" and your machine turns off again manually.
- A (automatic): Your machine automatically turns on and off with your connected machine

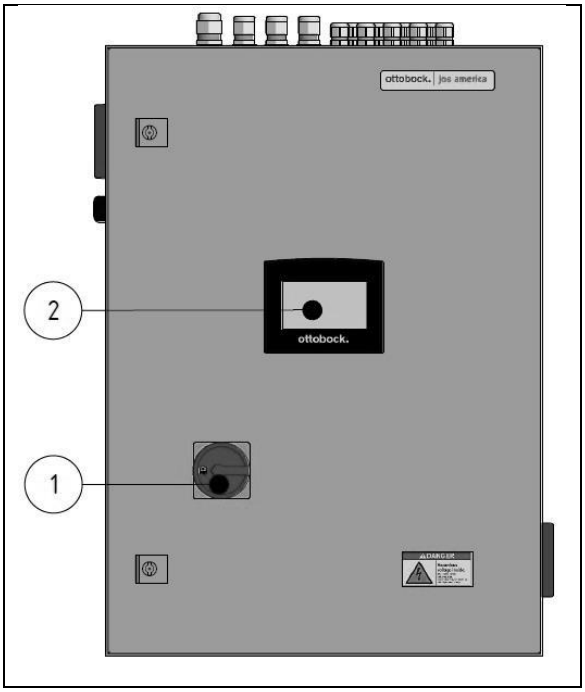
Figure 3.1:

Operation
3. Start/Stop button Manual Cleaning on/off
With this button (Figure 3, pos. 3) you can start or stop manual cleaning.

3.2. Control cabinet V80C Automatic 2.2 kW

This model is equipped with a separate control cabinet.

	**WARNING** ▶ When malfunctions occur or the PLC programme is modified, the control cabinet may only be opened after turning off the main switch. ▶ Performing repairs or making changes to the control cabinet can and must only be performed by the supplier or an authorized installer.



Operating panel key			
1	Mains switch	**2**	Touchscreen

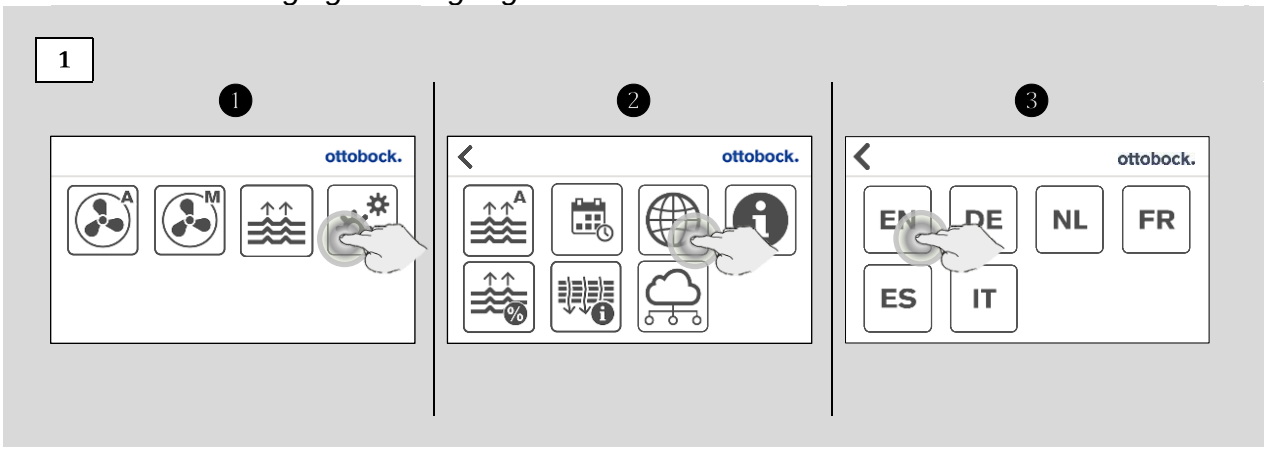
1. Mains switch: the V80C Mini can be switched on and off with this switch.
2. MINITouchscreen: The V80C Mini can be operated with the touchscreen/PLC.

When the V80C Mini is in standby mode, and a connected machine is operated, the V80C will switch on.

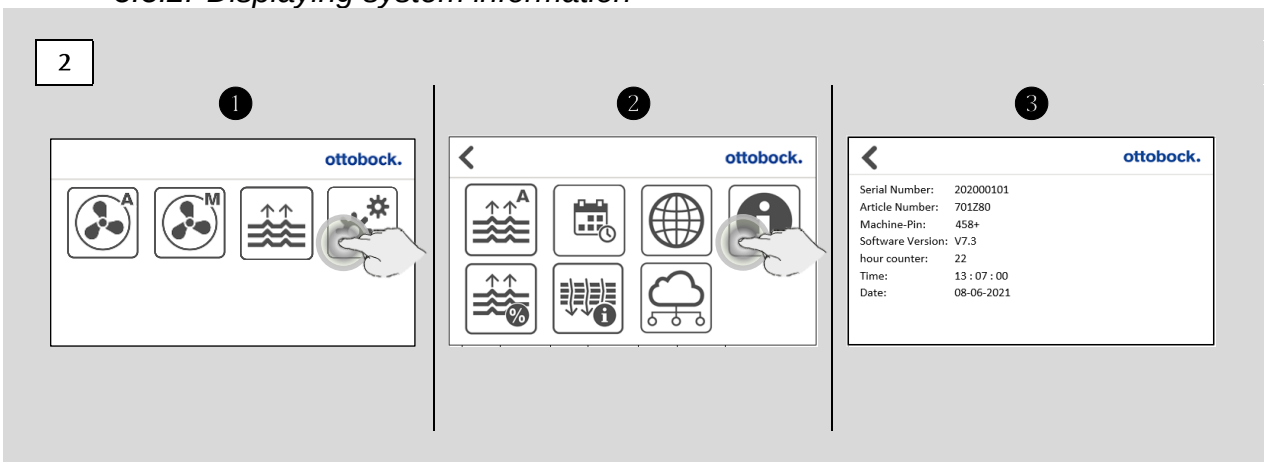
3.3. Touchscreen

The V80C Mini can be completely set up and operated using a touchscreen.

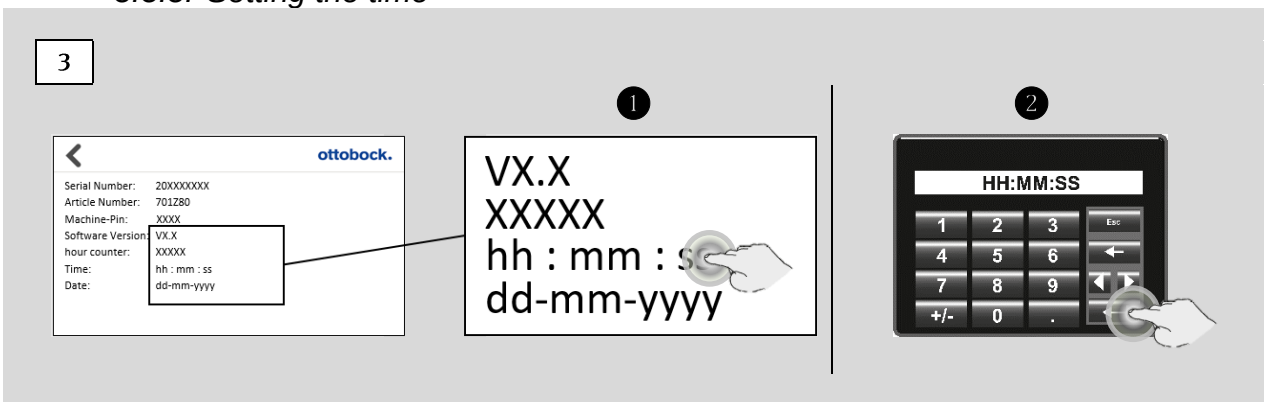
3.3.1. Changing the language



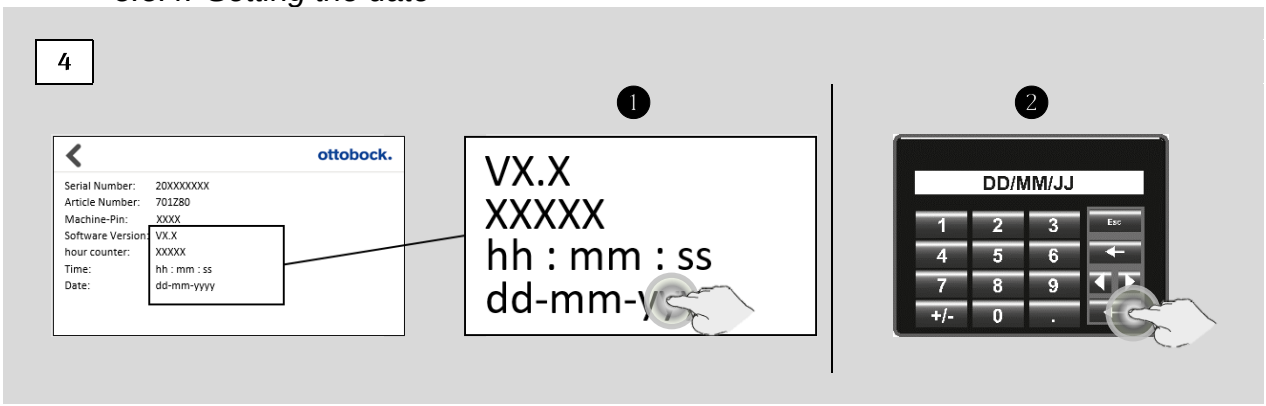
3.3.2. Displaying system information



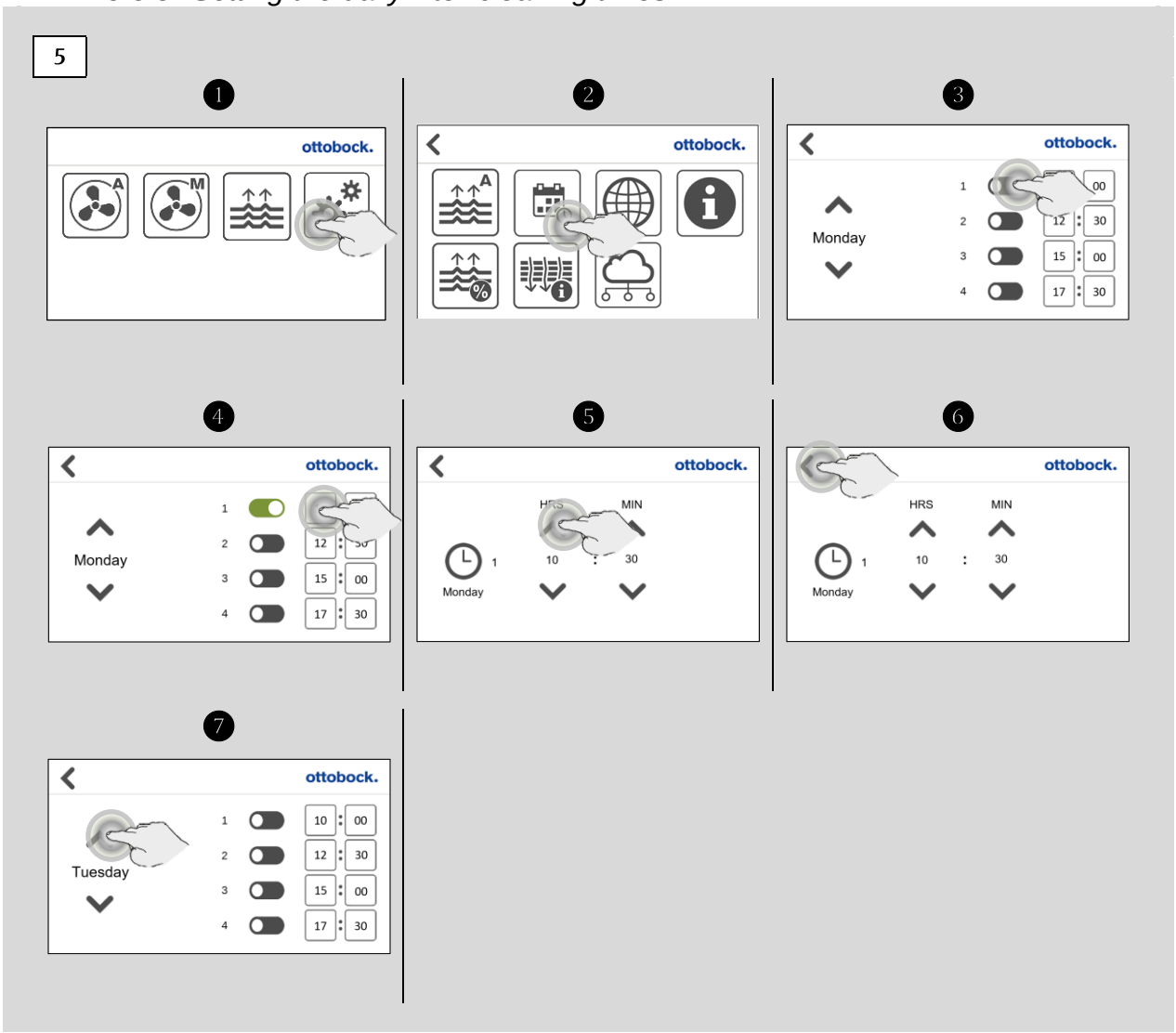
3.3.3. Setting the time



3.3.4. Setting the date



3.3.5. Setting the daily filter-cleaning times



3.3.6. Activating automatic filter cleaning

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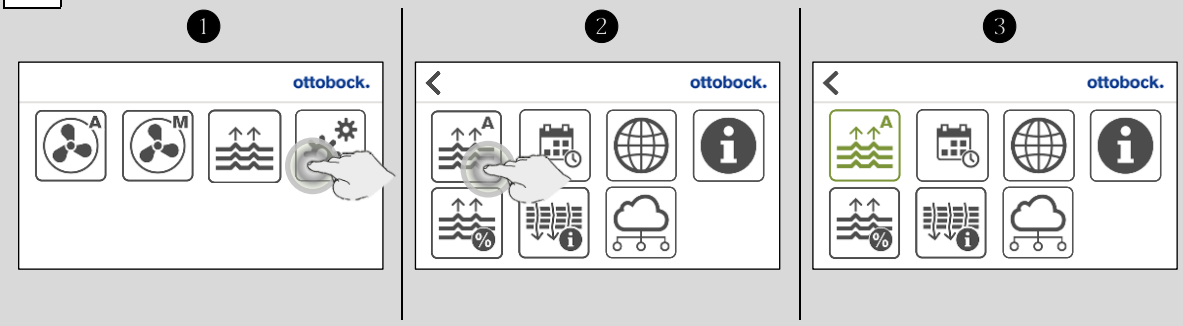
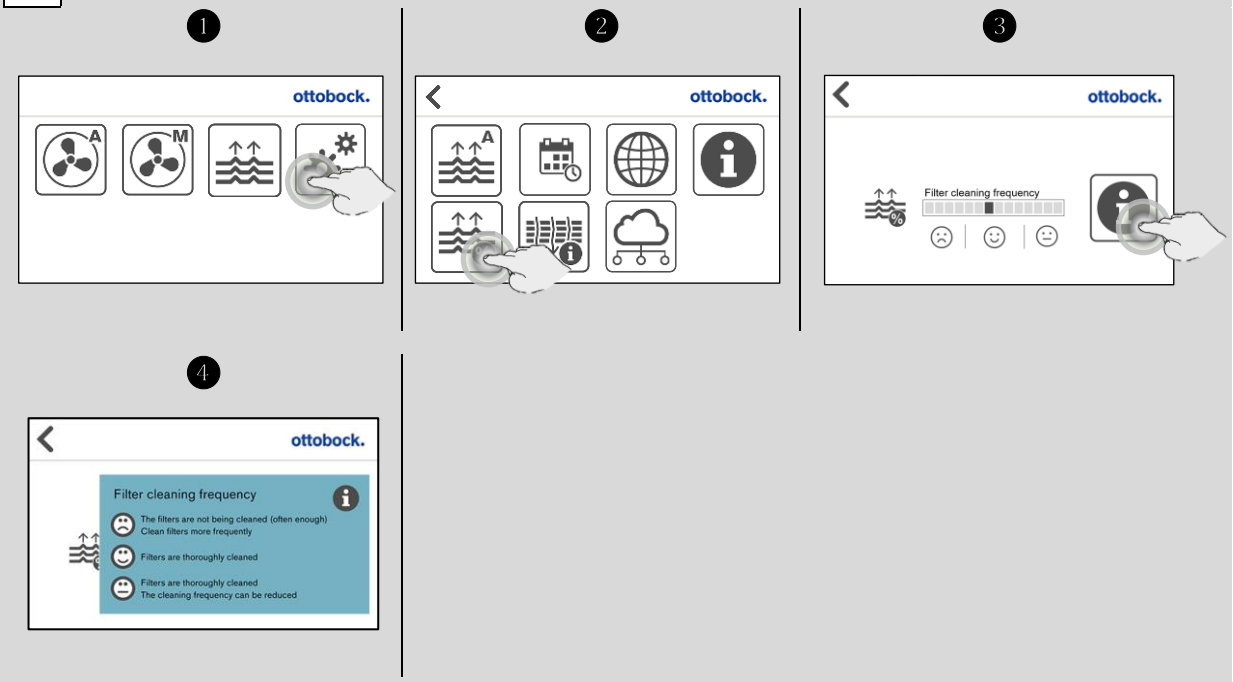


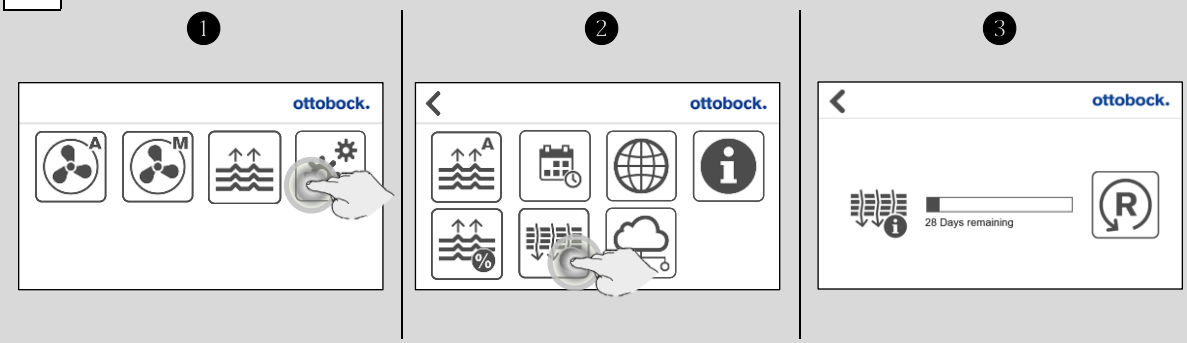
3.3.7. Cleaning efficiency of filters

7



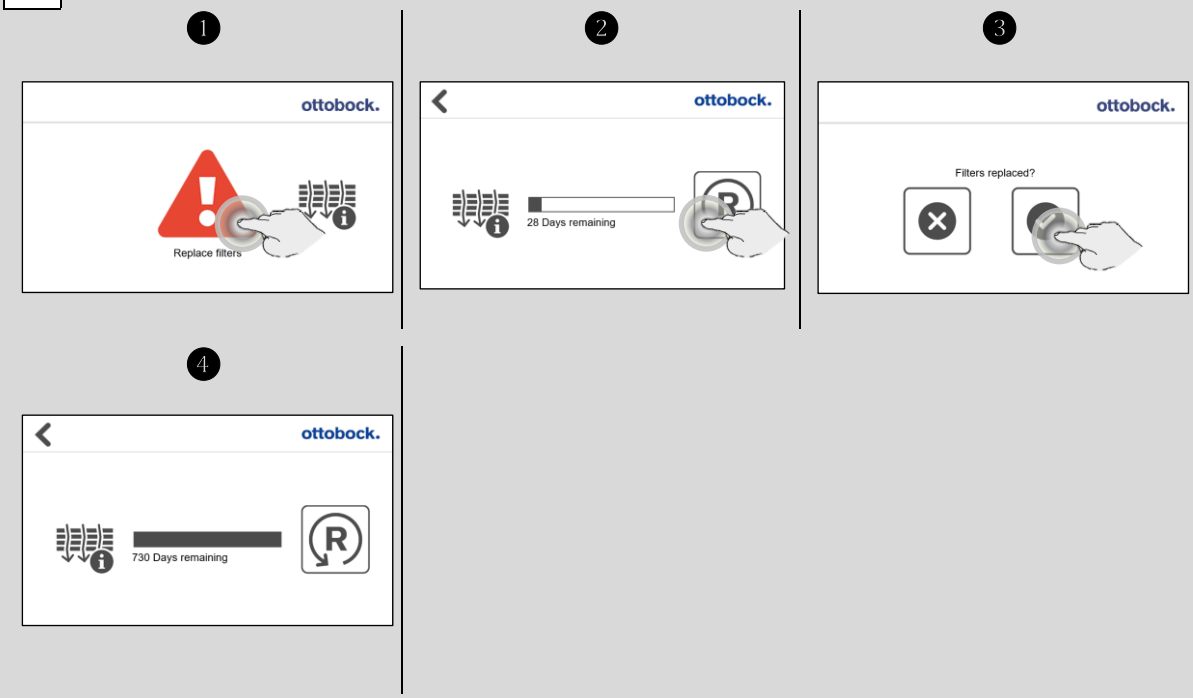
3.3.8. Filter lifetime

8



3.3.9. Resetting the filter lifetime

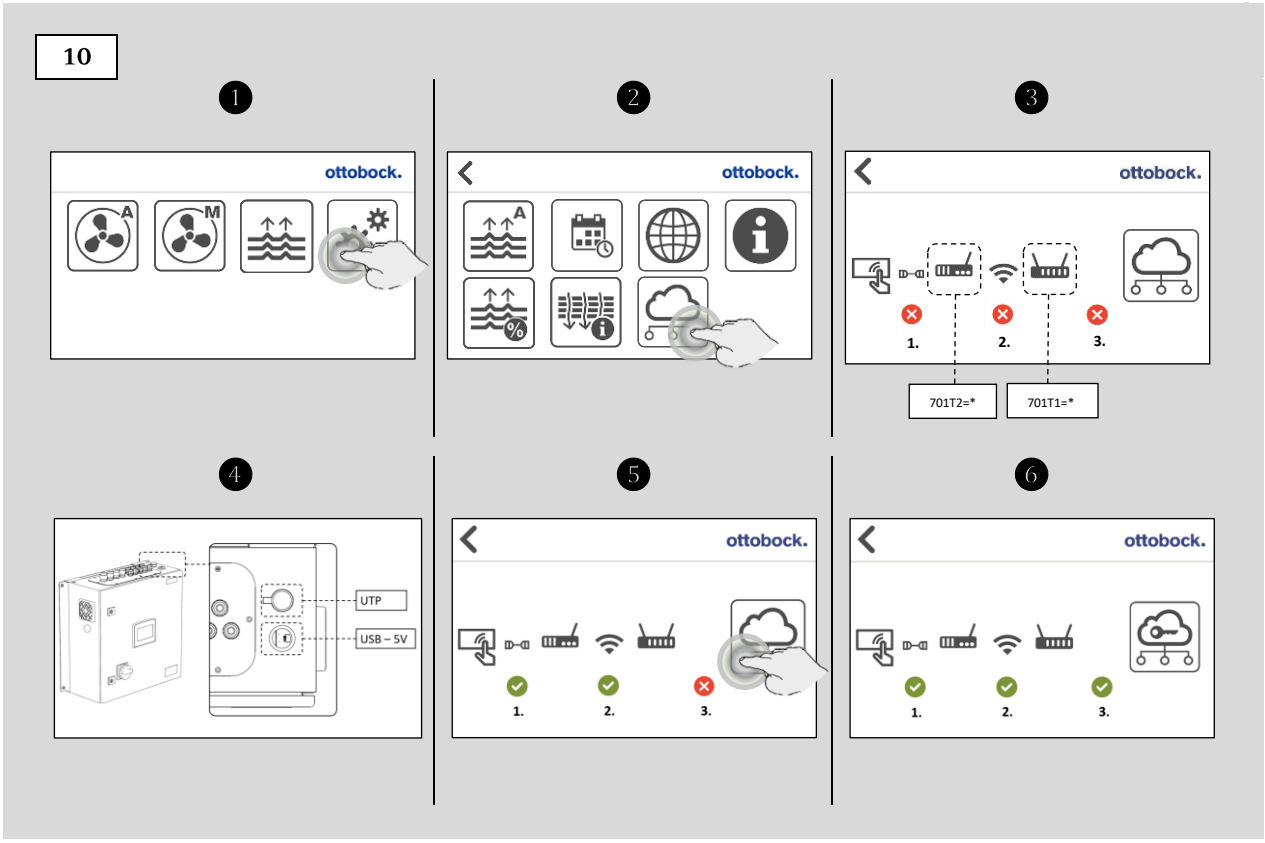
9



3.3.10. Optional: connecting the machine with ottobock work.hub

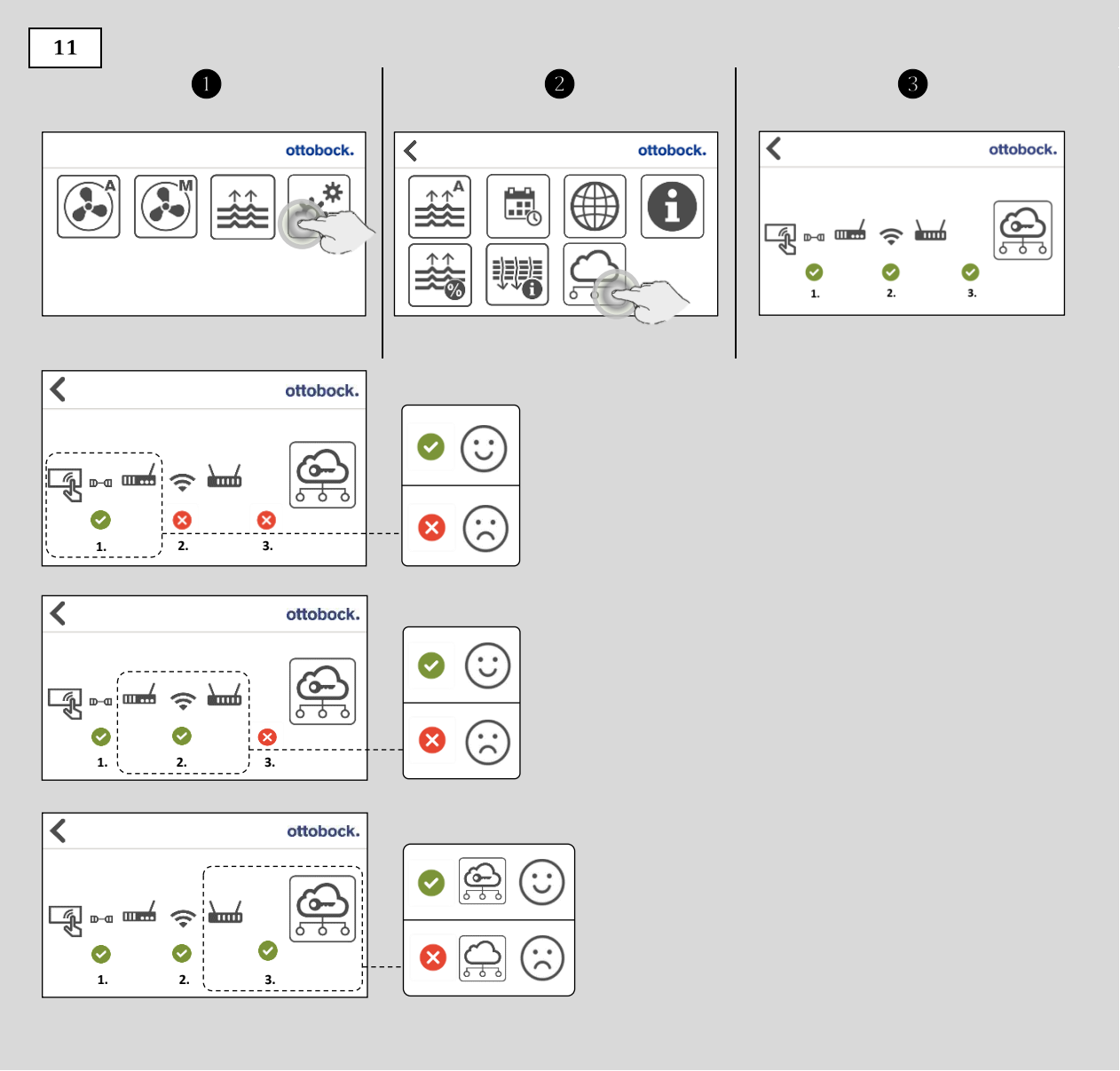
The “701T2=* ottobock work.hub Interface Unit” is required to use this option. The “701T1=* ottobock work.hub Gateway” may also be required.

- ▶ Contact customer support for more information about the ottobock work.hub (customersupport.pe@ottobock.de).



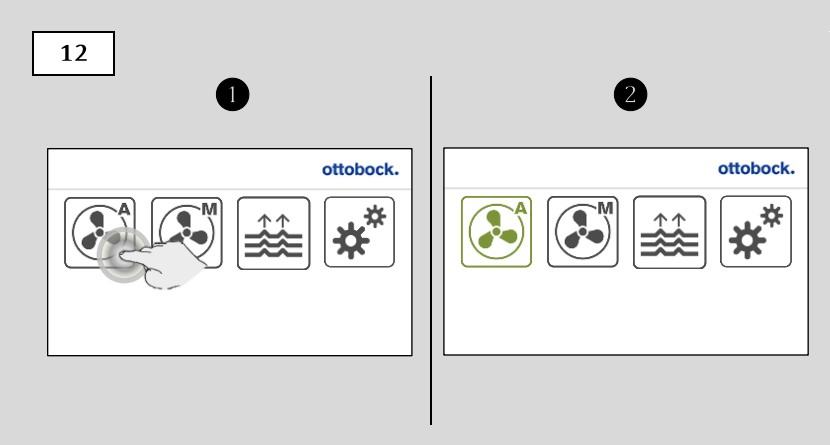
3.3.11. Ottobock work.hub control screen

This screen only applies when this option is connected.

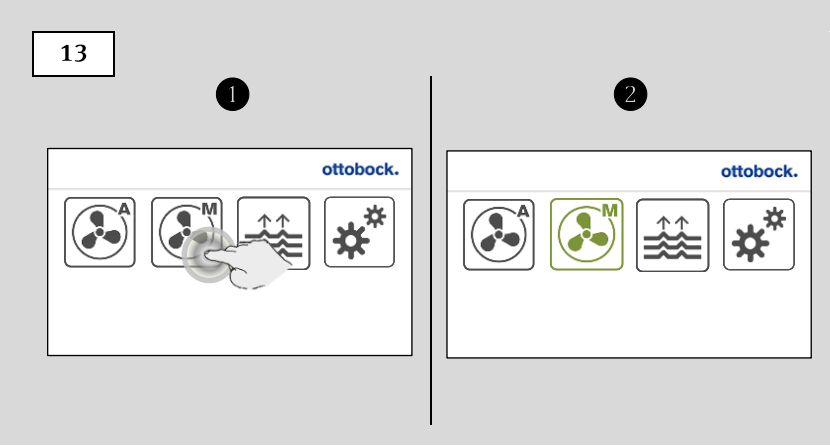


3.3.12. *Automatic switching on the vacuum*

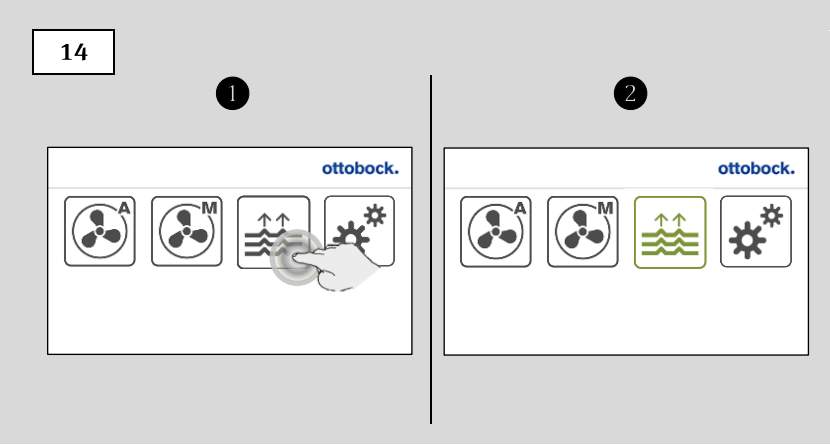
The V80C All-in-One automatically switches on when one of the machines connected to it is operated.



3.3.13. *Switching on the vacuum cleaner manually*



3.3.14. *Activating the filter cleaning automatically*



4. Dust filters

Make sure that the dust filters are not clogged, as clogged dust filters block suction. Therefore, the dust filters must be cleaned regularly. Cleaning is performed with the vibrator (Figure 1, pos. 2). It can be controlled both manually and automatically, depending on the model you own. During cleaning, the dust is collected in the plastic waste bag (Figure 1, pos. 4).

Note: During cleaning operation, the dust collector is not working, which means there is no suction at that time and connected machines cannot be used.

4.1. Manual cleaning

The V80C MINI 1.1 kW or 2.2 kW must always be cleaned manually. Manual cleaning is performed by using the Cleaning start button on the machine.
When you own a V80C MINI Automatic 2.2 kW, you can choose to clean it manually. This is done by putting the selector switch (Figure 3, pos. 2) to "man.", and operate the start button "Cleaning" (Figure 3, pos. 3).

Manual cleaning must always be stopped with the stop button. Clean manually for 5 minutes.

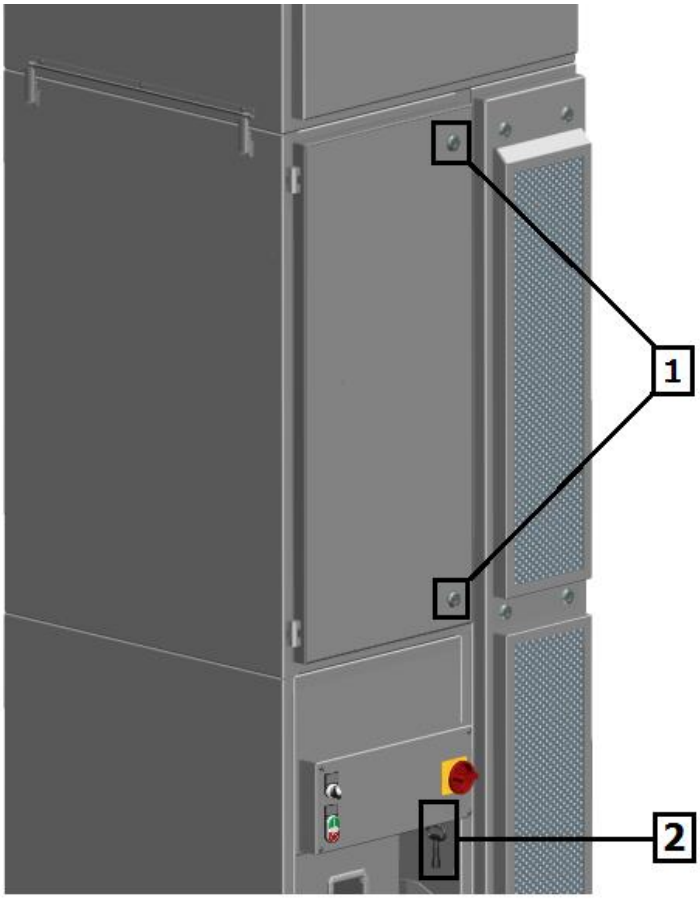
4.2. Automatic cleaning

If you have a V80C MINI Automatic 2.2kW you have the option of automatic cleaning. An explanation of how to set cleaning times is given in chapter 3.2.6., Settings. Up to 4 cleaning cycles can be set for each day of the week. A cleaning cycle takes about 5 minutes.
If the V80C MINI Automatic 2.2 kW is connected in such a way that it is automatically switched on/off with connected machines, cleaning will take precedence. This means that the connected machine is not usable during cleaning.

4.3. Dust filter maintenance

For proper operation, the dust filters should be replaced when the lifetime has expired. The filter lifetime is 2 years. Information regarding the filter lifetime is available on the touchscreen display of the control box, see chapter 3.3.8. From a lifetime < 1 month, the touchscreen will give a reminder of the (approaching) end of the filter lifetime. See chapter 9, Component list, for article number(s) of the filters.
Have the filters replaced by a qualified professional. It is also possible to conclude a service contract with Ottobock Equipment.

On the front of the filter compartment is a door with two locks, that can be opened with the provided triangular key (Figure 5). If it is opened, you are looking at the clean side of the filters. Assess the condition of the filters.



1. Locks
2. Triangular key

Figure 5: Open the door with the provided key

Never attempt to open the door when the machine is operating!
Never switch on the machine when the door is open!
Due to the large underpressure in the filter compartment, there is a risk of bodily injury, with death as a consequence.

5. Dust bag in the container

To properly collect the dirt in the container (Figure 1, pos. 4), a dust bag is inserted. This bag must be fully sealed and properly folded over the edges, in order to prevent leakage.

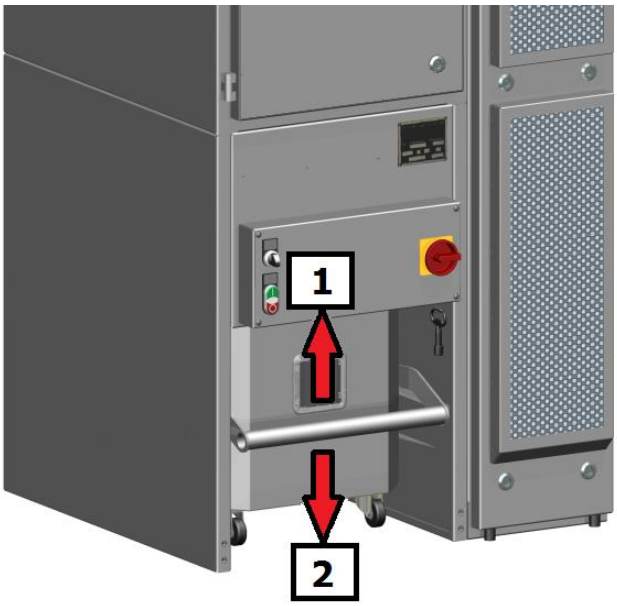
Caution: A plastic dust bag must always be present in the container, as to prevent dust from entering the return channel via the vacuum channel outside the filter section. Do not re-use the plastic dust bag, any damages could cause leakage and thereby release polluted return air.

Replace the container's plastic dust bag in time. The level may rise up to a maximum of 2/3rd of the capacity of the container. An overfull dust bag leads to a shorter lifetime of the filter and causes poorer suction at the connected machines.

5.1. Replacing the dust bag

Turn off the machine before replacing the dust bag!
By turning off suction on all connected machines, suction will stop automatically. If you own a V80C MINI Automatic 2.2kW, you can also put the button for manual/automatic cleaning to "OFF" (Figure 3.1) to stop suction.

If you want to replace the dust bag, the container has to be taken out of the machine. This is done by pulling the lever of the container upwards (Figure 6). You can then take the container out of the machine.



1. Take out container
2. Place container

Figure 6: Container removal or placing

You can take the dust bag out and replace it. Make sure that you insert the correct and original dust bag (the right thickness and strength). Do not re-use the plastic dust bag, any damages could cause leakage and thereby release polluted return air.

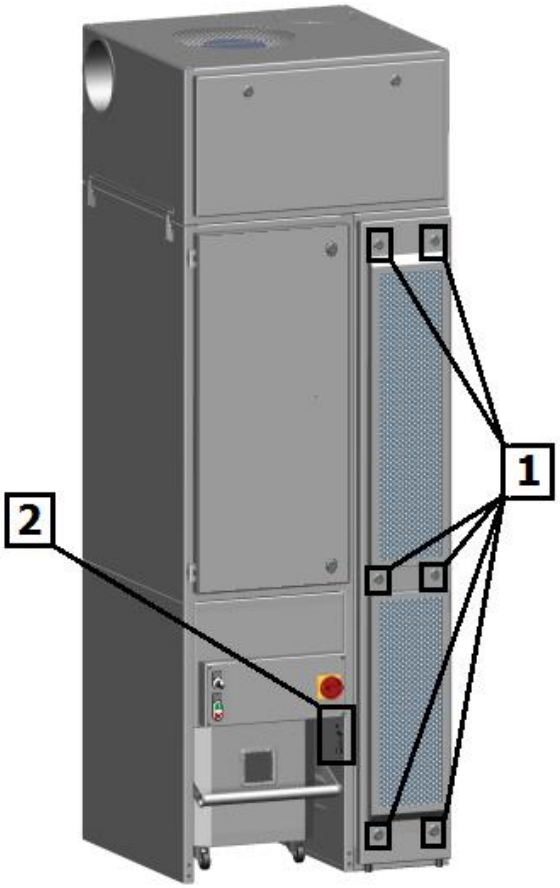
Please ensure that there is no dust underneath the plastic dust bag. If necessary, clean the container first.
Make sure to pull the dust bag well over the edge of the container, as to prevent any leakage (if this does happen, the dust bag will be sucked upwards).

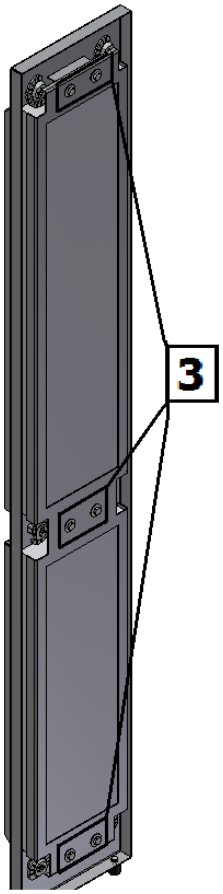
If you have inserted the new plastic dust bag, you can roll the container back under your V80C MINI. Make sure that the container is fully rolled back into the machine and press the container's lever downwards next (Figure 6), so that the container is pressed against the upper edge. This ensures that at the back of the machine, the vacuum channel is directly connected to the container.

6. Fine filters and post filters

Two fine filters and post filters are used in the V80C MINI. The fine filters are quite fragile and cannot be cleaned, because this filter contains very small particles. It is also not possible to clean the post filters. As with the dust filters, they also have an operating lifetime of 2 years and should be replaced at the same time. See chapter 9, Component list, for article number(s) of the filters.

Inspection of fine filters and post filters is conducted as follows:
Open the right hatch with six locks that can be opened with the supplied triangular key (Figure 7). Behind this hatch, both fine filters and post filters are inserted. The fine filters and, subsequently, the after filters can then be taken out of the machine by unscrewing six M8 bolts (Figure 8).





1. Locks
2. Triangular key
3. M8 bolts

Figure 7: Open the hatch with supplied key **Figure 8: Remove the fine filter from the hatch**

If the fine filters and/or post filters are polluted, they must be replaced by new fine filters and/or post filters. Make sure that the new fine filters and/or post filters are inserted in the correct place in the hatch (there is one smaller and one bigger fine filter and post filter).

The fine filter is extremely sensitive to damage. Check for any pollution on the place where the fine filter and/or post filter are positioned, before inserting a new fine filter and/or post filter. If there is any dirt, you need to clean it first.
Never force the fine filter! Improper installation can result in damage to the fine filter and pollution of the return air.

7. Maintenance

Replace the filters when they are dirty.
Replace the filters when the lifetime has expired.
Keep the container clean and regularly replace the dust bag.
Also keep the rubber seals of the container clean.

You can get a maintenance contract at Ottobock Equipment.

8. Malfunction

The most common malfunctions are mechanical failures, these are generally easy to fix.

Mechanical failure characteristic	Possible cause	Solution
Dirt in the return air pipe.	-Dust bag is broken. - The container of the dust bag is polluted. - The vacuum channel is polluted. - A filter pipe has come loose or is broken.	- Replace the dust bag. - Clean the container. - Clean the vacuum channel. - Repair or replace the filter
Extremely decreasing suction power	- Dust bag is too full.	- Replace the dust bag.
area.	- Door of the filter area is open.	- Close the door of the filter
	- Intake duct is blocked.	- Check the intake duct.
Dust bag is rising upwards container:	- Container is not placed correctly, so that the vacuum channel does not connect properly	- Check placement of the
	- The dust bag is not inserted properly.	- Place the dust bag correctly.
bag.	- The dust bag is leaking/broken.	- Replace or repair the dust

Malfunctions can also occur in the control cabinet, if this happens, contact the service department at Ottobock Equipment.

Mechanical failure characteristic control cabinet	Possible cause
There is no suction.	- There is no voltage. - There is a signal failure to the control cabinet. - The power switch is off. - The selector switch for manual or automatic cleaning is not properly set. - Cleaning is on but it has not started yet. - There is an error message in the control relay. - There is an error message in the frequency controller.

If an error message appears on the PLC or the frequency controller, you must contact the service department of Ottobock Equipment.

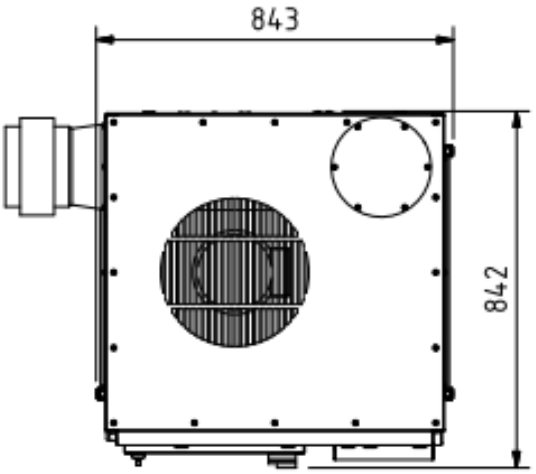
Write down the displayed error code, the time when the error occurred and which machines were running at that time.

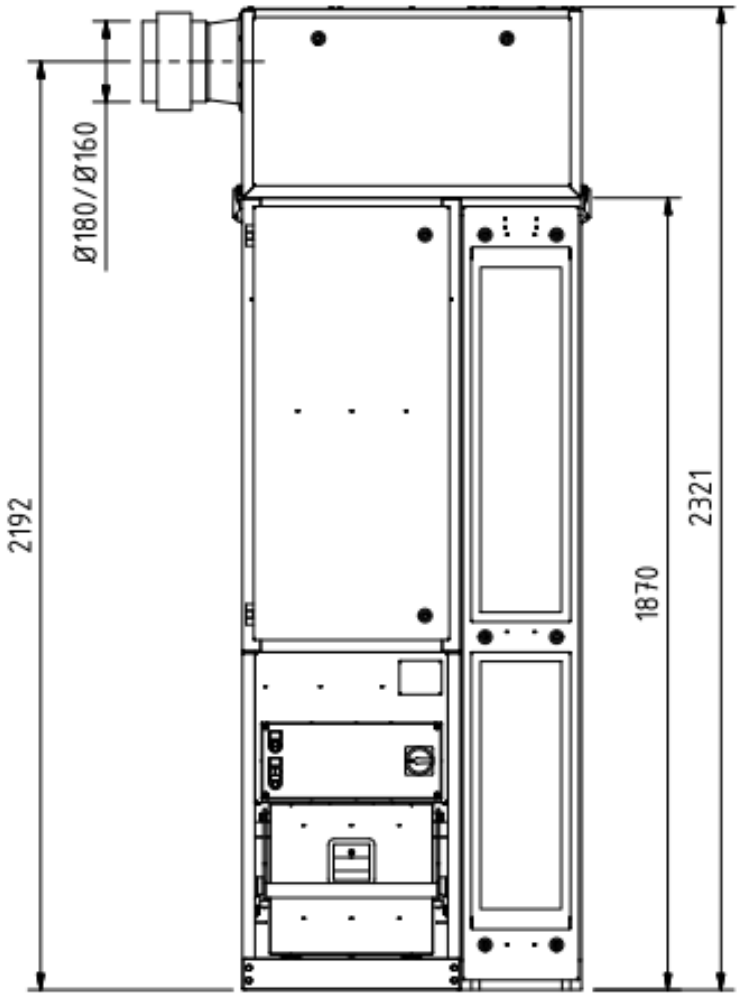
9. Component list

The following components are consumables:

Component		Artikelnummer
Fine filter set (2 pieces)		702F251=3
Post filter set (2 pieces)		702F254=3
Dust filter set (15 pieces)		70F250=4
Dust bag V80C mini	10 pieces	702F253=10
	50 pieces	702F253=50

10. Appendix 1 Required space V80C MINI (all types)





Notes

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ottobock.

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