osmobilMAX

OSMOBIL MAX

Translation of the original operating instructions in English

Current version from April 2025.
All previous versions are replaced by this one.

CE

VF Reinigungstechnik GmbH
Blankenfohrweg 11
32139 Spenge

T 05225 86367-0
info@vf-reinigungstechnik.de
www.gebauedereinigung-shop.de

USt-IdNr. DE367257084
Steuernummer: 324/5767/4145
Amtsgericht Bad Oeynhausen
HRB 19598

Geschäftsführer
Tobias Becker
Christopher Gerbig

VF Reinigungstechnik GmbH
Blankenfohrweg 11
32139 Spenge

T 05225 86367-0
info@vf-reinigungstechnik.de
www.gebauedereinigung-shop.de

USt-IdNr. DE367257084
Steuernummer: 324/5767/4145
Amtsgericht Bad Oeynhausen
HRB 19598

Geschäftsführer
Tobias Becker
Christopher Gerbig

Table of contents

1. Safety regulations, technical data, components and pictograms

1.1 General information

Observe the current and valid regulations and directives as well as the applicable accident prevention regulations. The manufacturer accepts no liability for any water damage that may occur. The water supplied must comply with the German Drinking Water Ordinance and come from a municipal supplier. When operating with water from other sources, e.g. wells, a water analysis must be carried out before use to assess whether the water is suitable. If the system is switched off, it can be switched off for a maximum of 3 months without operation if a fresh pre-filter has been installed and the system has been flushed with fresh water. In addition, the system must be airtight to achieve this service life, which is achieved by attaching the waste water hose to the water inlet.

1.2 Intended use

This system can be dangerous if it is installed incorrectly, is not regularly maintained or is not used for its intended purpose. The system is used to demineralise drinking water, which can then be used for cleaning work. The waste water or concentrate produced by the reverse osmosis system must be discharged. The machine cannot be used to remove bacteria or sterilise water and the 'pure water' produced is not drinkable. Do not leave the system running unattended and always ensure a free and safe water supply and drainage. Also protect your appliance from knocks and impacts.
The machine may only be operated in an upright position.

1.3 Safety instructions and special hazards

- If you discover any damage to cables and hoses or other water- or current-carrying components of the appliance, these must be repaired immediately by a suitable specialist.
- Before carrying out any maintenance or repair work, always ensure that the power supply to the appliance is disconnected and that all water-bearing parts are depressurised.
- The water produced by the OSMOBIL MAX is not suitable for drinking!
- Do not touch any electrical components if your hands are wet!
- When using the appliance, strictly separate the power supply from the water supply.
- Protect the appliance and especially the live parts from rain or splashing water or other sources of water.
- Only use the appliance with the pre-installed personal protection switch (FI), which is located on the blue power cable.

1.4 Shelf life

The system must be protected from frost. The temperature in the operating room must be at least 3°C and must not exceed 40°C.

1.5 Installation preconditions and protection against water damage

- The manufacturer accepts no liability for any water damage that may occur.
- Only install the appliance in areas that are not susceptible to water and have a floor drain!
- To avoid puddles, pools of water or damage to meadows and fields, you can extend the waste water hose to a maximum of 5 metres. Do not use any couplings at the end of the hose or use couplings without a water stop!
- Observe the relevant conditions, regulations and guidelines at the installation site!

1.6 Pressures, operating temperatures, media temperature and connections

The treated water has a special endeavour to 'bring back' the minerals that were previously removed. For this reason, the parts that come into contact with the treated water must be made of suitable material and generally be 'rainproof' (rainwater has the same composition as the pure water produced. Especially when copper pipes are used, decomposition cannot be ruled out in the long term.

- Ambient temperature of the system: 3 - 40 °C
- Water temperature: 8 - 25 °C

- Inlet pressure: 2-6 bar
- On-site electrical supply: 230 V / 50 Hz
- Water connection type: Garden hose plug connection ‘male’ and ‘female’

1.7 Protection classes of the electrical components on the appliance
- Electric motor: IP 55
- Personal protection plug: IP 44
- Internal power supply unit IP67

1.8 Modifications and conversions to the appliance
Unauthorised modifications to the machine by the owner and user are not permitted for safety reasons. Original parts and accessories are specially designed and developed for this reverse osmosis system. The manufacturer accepts no liability for damage caused by modifications to the system or by the use or installation of non-original parts, and the warranty is void.

The warranty/guarantee is void in the event of:
- Operating and installation errors.
- Unauthorised disassembly or opening of the housing by the customer
- Replacement of connections and hoses other than those supplied by VF Reinigungstechnik GmbH.
- Replacement of spare parts not supplied by VF Reinigungstechnik GmbH.
- Making structural changes to the machine independently.
- Using unauthorised chemical additives or input water qualities.
- Non-compliance with safety regulations (e.g. frost protection).
- Lack of maintenance (e.g. replacing the pre-filter 4 times a year).
- Non-use of drinking water supplied by a municipal water supplier.

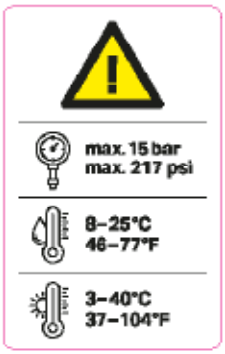
1.9 Technical data

Permeate output	750 l/h Nominal power
Electrical connected load	1.1 kW
Total salt content of input water	max. 1000 ppm (for city water)
Salt retention	min. 95%
Yield	40-75%
Inlet water pressure	2.0-6.0 bar (recommended min. 4 bar and min. 1200 litres per hour)
Inlet water temperature	8°-25°
Suitable inlet water	Municipal water according to German drinking water ordinance from municipal supplier
Ambient temperature	3°-40° C
Mains connection	230 V and 50 Hz
Dimensions in cm (H*W*D)	approx. 136 * 59 *59
Weight (dry)	approx. 95 kg
Radio chip	SIM7070G NB/GSM/GNSS MODULE

1.10 Key to the pictograms on the device

Venting the pre-filter cup
(usually not necessary or without function)

City water inlet
(no well or ground water! Not even if drinkable!)



Technical warnings

System pressure max. 15 bar
(water pressure generated in the machine upstream of the membrane)

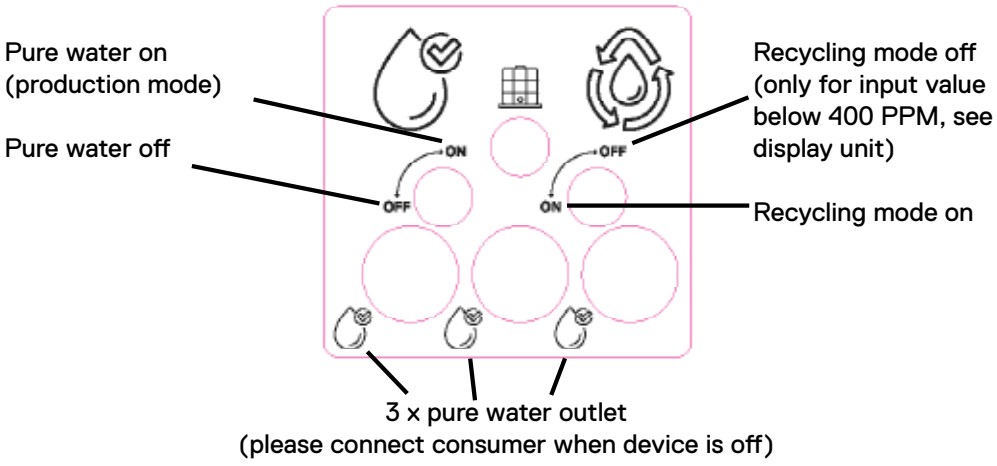
Temperature of the inlet water, min. 8°C/25°F, max. 25°C/77°F

Ambient temperature, min. 3°C/40°F, max. 37°C/104°F

Bottle opener

Power connection, 230 Volt, 50 Hz

Waste water outlet, no connection of telescopic rods,
Extend hose by max. 5 metres!



VF Reinigungstechnik GmbH
Blankenfohrweg 11
32139 Spenge

T 05225 86367-0
info@vf-reinigungstechnik.de
www.gebauedereinigung-shop.de

USt-IdNr. DE367257084
Steuernummer: 324/5767/4145
Amtsgericht Bad Oeynhausen
HRB 19598

Geschäftsführer
Tobias Becker
Christopher Gerbig

1.11 Front and side components

Illustration 1

1: Diaphragm case
2: Digital pressure gauge
(On/off button can only be used as an ‘emergency stop’!)
3: Replacement pre-filter with holder
4: Control panel & connections
5: Device display and measuring device
6: Accessory bag (removable)
7: Lashing eyes (do not use as lifting eyes!!!)

1.12 Control panel components

Illustration 2

8: Pure water on & off
9: Connection for tank sensor
10: Recycling on & off
11: Pure water output (3x)

VF Reinigungstechnik GmbH
Blankenfohrweg 11
32139 Spenge

T 05225 86367-0
info@vf-reinigungstechnik.de
www.gebauedereinigung-shop.de

USt-IdNr. DE367257084
Steuernummer: 324/5767/4145
Amtsgericht Bad Oeynhausen
HRB 19598

Geschäftsführer
Tobias Becker
Christopher Gerbig

1.13 Rear panel components & device display

Illustration 3

7: Bottle opener
8: Pre-filter cup
9: Power connection (cable is in bag)
10: Waste water outlet
11: Water meter

12: Tank symbol (if sensor is connected)
13: Recycling symbol (if PPM input below 400 PPM)
14: Salt retention of the membrane
15: Conductance of input water in PPM
16: Conductance of outlet water in PPM

Illustration 4

2 General and special functions

2.1 Function of the OSMOBIL MAX
The OSMOBIL MAX is based on two special reverse osmosis membranes. This enables production capacities of 750 litres of pure water per hour (depending on the water supply and water temperature). The device is designed to produce pure H2O without an additional buffer tank and with minimal running costs (less than 1€ per 1,000 litres of ultrapure water). For this purpose, city water is pressed through a special membrane under high pressure (up to 15 bar), which only allows the H2O molecule to pass through. The other components dissolved in the water remain in front of this membrane and are flushed out of the device with the concentrate. In this way, the ultrapure water produced achieves a quality of approx. 0.5-1% residual salt content (or 99-99.5% salt retention). The only component that needs to be replaced regularly is the pre-filter, which is located in a transparent housing at the rear of the appliance (please refer to the 'Maintenance and care' section).

2.1 X-Flow system / switch-off and water volume control
The OSMOBIL MAX has an X-Flow system. Depending on the maximum possible water flow rate at the three pure water outlets (permeate), this system controls the respective amount of water that the OSMOBIL MAX makes available on the pure water side and regulates the pure water volume down to 'zero' if necessary.

This system has two main functions:

X-Flow system for the direct connection of a high-pressure pump
High-pressure pumps are often used for solar cleaning in particular to drive the water-driven rotating brushes (e.g. from Cleantecs).
In this case, the respective pumps (e.g. Kränzle HD 12/130 TS) can be connected directly to one of the three clean water outlets of the OSMOBIL MAX. Decoupling by means of an additional buffer tank is no longer necessary. This means that high-pressure pumps can also be used if they are unable to provide suction themselves. In addition, the OSMOBIL MAX automatically reduces the amount of clean water to 'zero' if the high-pressure pump does not draw any water. In this case, the waste water outlet (concentrate) continues to run stably. However, the system draws 50% less water from the tap. The concentrate line must always be able to drain freely. This applies fundamentally to the operation of the appliance!

!!!ATTENTION: Do not connect high-pressure pumps or consumers that suck in and 'draw' more water than the machine can supply!!!!

X-Flow system for classic work with washing brushes & co.
The X-Flow system constantly checks the clean water output and the respective back pressure. As a result, the system always supplies as much water as necessary and as little as possible. In everyday use, the OSMOBIL MAX can save up to 25% less water from the tap.

2.2 Recycling

In addition to the familiar pure water valve ('Rinse' and 'Produce'), the OSMOBIL MAX has a recycling valve. Depending on the input water and its quality, this can be used to significantly reduce the amount of tap water consumed.
If the conductivity of the input water is below 400 PPM, a recycling symbol appears on the appliance display. This clearly indicates that recycling mode can be activated via the recycling valve. This must be deactivated after each use!

2.3 Filling the tank

A tank sensor or float switch with connecting cable is available as an accessory for the OSMOBIL MAX. This can be installed in any tank of your choice 'upright' through the top of the tank and connected to the plug on the OSMOBIL (see Figure 2.9). If this float is triggered while it is installed on the OSMOBI MAX, the clean water supply is automatically terminated. Before plugging it into the OSMOBIL MAX, the screw cap on the float switch input must be removed. If the float is not used, make sure that the connection is always covered with the screw cap! If the device remains in stand-by mode (as long as power is applied), it also recognises when the float switch is lowered and thus signals that the respective tank is no longer full. An automatic switch-on delay of 15 minutes then begins, the progress of which is signalled on the display. After 15 minutes, the machine starts producing pure water again until the float again signals that the respective tank is full. As the first 10-20 litres of pure water after the machine starts up are not of perfect quality (often above 15 PPM), we recommend a tank volume of at least 700 litres or more so that this is not a disadvantage when cleaning sensitive surfaces (glass). The switch-on delay can also be defined and configured via the cloud for users of the OSMOBIL CLOUD in the future (expected from 2025). In addition, the machine must also be flushed manually once per working day in tank mode (clean water valve set to 'off' while the pump and water supply are running). With a fixed installation (constant inlet water quality and pressure), it is sufficient to carry out the flushing process once a week.

2.4 OSMOBIL CLOUD

The OSMOBIL MAX sends machine data to the OSMOBIL CLOUD via SIM7000 GPRS (2G and 3G), and you will receive a registration code for the OSMOBIL CLOUD with your machine. You can log in there for the first time from the end of 2024 and use the cloud service free of charge for 6 months (after that it will be subject to a charge). Machine data such as GPS position, outside temperature, input conductance etc. is documented in the cloud and can also be tracked. The functional scope of the cloud will be continuously expanded in the coming years.

3. Commissioning and production of pure H2O / practical guide

3.1 Setting up the workplace

Firstly, you should organise a city water and power supply of sufficient capacity at the respective work site. For the OSMOBIL MAX, this must be at least 2-6 bar inlet pressure. The volume of water arriving at the OSMOBIL MAX must also be at least 1200 litres per hour. To achieve the rated capacity of 750 litres of pure water per hour, 1500 litres must be available at the appliance. We recommend a hose that is as thick as possible (3/4' or larger) and as short as possible (maximum 25 metres) as the connection from the tap to the machine.
If this is not possible on a construction site, the quantity of clean water will be significantly lower and the water quality may also drop (as the system pressure is also too low). In many cases, you can increase the amount of water that reaches the OSMOBIL MAX by connecting a 230 volt domestic waterworks between the tap and the OSMOBIL MAX.
However, you cannot damage the machine or pump if the inlet pressure is too low, as it automatically regulates itself and switches off if necessary (dry-running protection).
Make sure that during subsequent operation, vehicles, doors or other conditions do not cause hoses to the appliance or away from the appliance to be kinked or blocked. This could result in damage to the appliance.

Attention: It must also be ensured that live parts such as cables, cable reels, sockets etc. are strictly separated from water-carrying parts (hose, pump, appliance etc.). Despite the built-in personal protection plug, we ask you to observe this for your own safety. In addition, the appliance must not be placed under water or under permanently flowing water.

In addition, always choose a location for the appliance that is not susceptible to leaking water or has a floor drain. It is best to place the appliance outdoors or on a tiled floor with a drain. Alternatively, the appliance can also be placed in a sufficiently large tub. If hoses burst, the pressure relief valve on the appliance 'opens' or water leaks in any other way due to improper use, the possible consequential damage must be prevented in this way.

3.2 The right water source

Attention: When selecting the water source, particular attention must be paid to the source of the water to be used for production. In its normal configuration, the OSMOBIL MAX is only intended for use with authorised municipal water in accordance with the German Drinking Water Ordinance! The use of other water can cause considerable damage to your OSMOBIL MAX and primarily to the membrane bodies - after just a few litres of production! Therefore, make sure that you only use city water of food quality that complies with the German Drinking Water Ordinance! Even 'well water', which may be drinkable, can cause damage to your system! If you have no knowledge of the water sources at the respective location, please be sure to speak to people who have knowledge of the local water supply (e.g. your clients, building technicians, etc.) before starting work. If, for example, you use water from a well, a cistern, a rain barrel or other sources, your appliance may be damaged after just a few minutes! A sudden loss of water supply (e.g. in agriculture due to animal feeding) can also cause damage to your appliance. If there is no drinking water supply on the construction site in question or if you have to work frequently under such conditions, please contact your specialist dealer. It may be possible to solve the problem with additional pre-filters.
When using the system on drinking water pipes, the user must ensure that the relevant tap on the building has a non-return valve to prevent water from running back into the drinking water pipe! If water sources other than municipal water are used (e.g. well water, cisterns, lake water, etc.), a water analysis must first be carried out to determine the suitability of the water for the filter system. Water qualities that deviate from city water in accordance with the German Drinking Water Ordinance can damage the system and also have a negative effect on the cleaning result.

3.3 Hoses and couplings

The permanently installed concentrate/waste water line is connected to the city water inlet in the delivery and idle state. This means that the appliance is also directly airtight and no water can escape. Firstly, dis-

connect the waste water hose from the city water inlet if you want to produce pure water. Next, connect the supply water hose to the 'city water' connection on the back of the appliance. Please use hoses with a diameter of at least 3/4' (or larger) for this. Accordingly, you must first disconnect the concentrate hose from the city water inlet in order to be able to work. In addition, the waste water (concentrate) from the appliance must be drained via the permanently installed hose. This waste water is not contaminated or 'toxic'. It only contains twice as much hardness / minerals as the previous city water.
Please always ensure that the waste water can drain freely and do not use 'water stop couplings' if the original coupling is removed. In addition, the waste water pipe may be extended to a maximum of 5 metres!

3.4 Check the flush valve and start the water supply
You should now make sure that the 'clean water valve' is set to 'off'. You can then switch on the water supply or turn on the tap. Before doing so, it is advisable to rinse the pipework and hoses that are used without connecting the OSMOBIL MAX. Rust residues and deposits can be rinsed out in this way and are not carried into the appliance or the pre-filter.

3.5 Switching on the pump
Then connect the personal protection plug to the power supply. Then press the green 'RESET' button on the personal protection plug of the OSMOBIL MAX. The pump will now start up slowly. After a short time, the containers will have filled up and the water will flow 100% from the 'concentrate' or waste water outlet ('red sticker' on the back, never connect a telescopic pole or the city water here!)

!!! The emergency switch on the digital pressure gauge (see figure 1, point 2) should not be used in everyday use!!! If the machine is switched off or on using this switch, an error message will appear on the digital pressure gauge and the appliance display. If this does happen, the power must be disconnected. After approx. 30 seconds, the machine can be put back into normal operation!!!

3.6 Executing flush mode
The active mode is now called 'Flush mode'. This mode is used to clean the system, as residues and the remaining 'concentrate' deposited inside are flushed out of the membranes. Flushing mode must always be activated for a few minutes before starting work and after completion (see below) to ensure a long 'life' for your membranes. Attention: Please always observe the rule for switching on the OSMOBIL MAX: 'First water, then electricity!'

3.7 Production mode
If you now want to start producing water, set the pure water valve to 'ON'. The necessary pressure then builds up in the system and provides pure water as required (if at least one 'consumer' is connected to the two water outlets).

Attention: The respective pick-up must be plugged into the connection on the OSMOBIL MAX before the pump is switched on. As the connections there have a leakage protection and there is a lot of pressure on them, you will not be able to plug in a pick-up if the machine is already running! Please always use 'male' connections.

Attention: Please pay attention to the pressure gauge on the appliance at the start of water production. The machine should run at a maximum of 15 bar in operating mode when pure water is being drawn off. This value can be exceeded, especially in industrial buildings with extremely high water pressure, and can possibly lead to damage to your appliance! Please note that you need a normal inlet pressure (approx. 2-6 bar). When the X-Flow system is active (no clean water is drawn off when the appliance is running), the appliance may vibrate slightly or make nailing noises (depending on storage, water pressure and temperature). This is harmless.

3.8 Measuring the water quality of the ultrapure water
Before starting cleaning work, please read the water quality at the water outlet ('Permeate', bottom right on the appliance display). The water quality is shown in 'PPM'. This unit means 'parts per million' and refers to the 'remaining foreign molecules per 1 million H2O molecules'. The following applies to the water

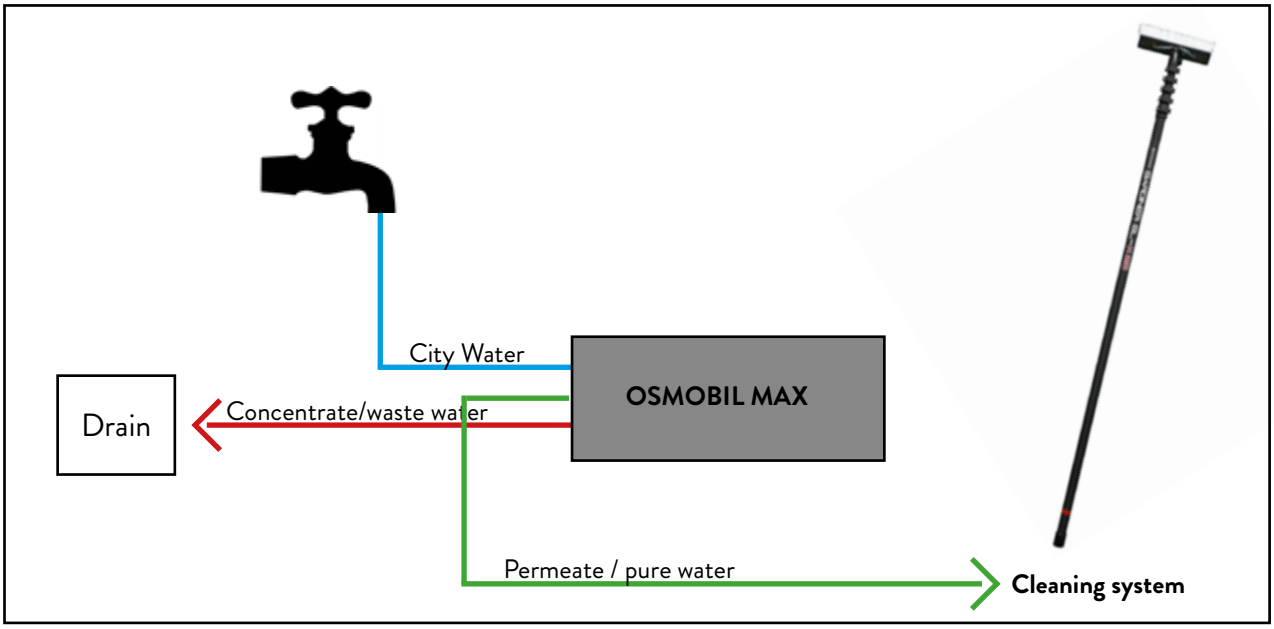
quality required in each case:
0-30 PPM – Perfect quality for facade, PV and solar cleaning
0-15 PPM – Perfect quality for window cleaning

Important for cleaning work with the H2O produced: Within the first 30-60 seconds after switching on the appliance, it is not unusual for the water value to be around 20-30 ppm or higher. This regulates itself downwards within a short time. With new appliances or newly installed membranes, it should also be noted that up to 10,000 litres of water must be produced with the new appliance or membrane before the membranes reach their full capacity. Once the required water quality has been achieved, you can start the desired work. It is also normal for other, higher values to be displayed in idle mode or when the pump is not running. If you do not achieve the required water quality, you will find useful tips in the 'Troubleshooting' section. Important for idle phases of the machine: It is normal for the conductivity value to rise during idle phases of the machine and may reach a very high value!

3.9 Ending work

If you want to finish work, first set the 'Clean water valve' to the 'Off' position and set the machine to rinsing mode. Use the flushing time to stow the hoses and telescopic poles. Then switch off the pump. To do this, use the test switch on the personal protection plug or simply switch off the power supply. Attention: When switching off, please always observe the rule 'First power, then water'! Then stow the appliance away.

3.10 Layout diagram - Cleaning (without tank sensor)



VF Reinigungstechnik GmbH
Blankenfohrweg 11
32139 Spenge

T 05225 86367-0
info@vf-reinigungstechnik.de
www.gebauedereinigung-shop.de

USt-IdNr. DE367257084
Steuernummer: 324/5767/4145
Amtsgericht Bad Oeynhausen
HRB 19598

Geschäftsführer
Tobias Becker
Christopher Gerbig

4 Maintenance, care & winter rest

4.1 Changing the pre-filter

The only filter or component that needs to be changed regularly on your OSMOBIL MAX is the pre-filter in the transparent housing on the back of your device. To change it, unscrew the transparent filter housing anti-clockwise and remove it together with the filter cartridge. If the housing is too tight (this usually only happens if the replacement intervals have not been adhered to), a suitable filter spanner is available from your specialist dealer. It is also advisable to disconnect the waste water hose from the water inlet before unscrewing it so that air can get into the system. You can now dispose of it and replace it with a new one. filter cartridges are available from your specialist dealer. Only original OSMOBIL filters should be used. If necessary, you should now clean the filter cup by simply rinsing it out. When inserting the filter cup into the appliance, make sure that the filter cartridge is upright and that the filter cup is clean and also screwed straight onto the thread.

Caution: Each new filter also comes with two new white sealing plates, which sit on the top and bottom of the short sides of the filter. Some of these come loose and stick to the filter cup or the top of the cup. When screwing in a new filter, this can lead to 3 or 4 gaskets sitting in the filter cup instead of 2 (top and bottom). The cup cannot then be closed completely and will leak.

The capacity of the pre-filter depends on various factors. For this reason, it should be replaced if one of the following points applies:

Service life:	After 3 months at the latest, otherwise the existing filter may rot and damage the membrane.
Performance:	If your appliance is not supplying enough water.
Flow rate:	After 50,000 litres of water flow.

4.2 When do I need to change the membrane?

In principle, the installed membranes run without wear. However, a change must be expected after 1-2 million litres of water flow. Over time, improper use, damage caused by dropping or transport, frost or other events can lead to problems with the water value, water quality or water quantity. If this is the case, your specialist dealer will help you to find out whether your membranes are damaged or whether there is another problem. If the membranes need to be replaced, you can open the membrane housings and simply replace the membrane bodies. Your specialist dealer will be happy to explain this to you.

4.3 Decommissioning - shutdown in winter for up to 12 weeks

If your appliance is not used for a longer period during the winter months or for other reasons, you need to do a few things to protect your membrane from damage:

1. Ensure that the appliance is stored frost-free.
2. Insert a new pre-filter into the appliance (important!).
3. Rinse the entire system again for several minutes with tap water.
4. Connect the hose from the waste water outlet to the waste water inlet so that your appliance is sealed airtight.
5. Repeat steps 2-4 after 12 weeks at the latest. The switch-on dates should be documented in order to keep an overview.

Attention: If the steps are not followed correctly, the membranes may be damaged during the resting phase! In addition, any previous damage to a membrane (e.g. caused by well water) can become more pronounced during a resting phase.

5 Troubleshooting

5.1 Is your water quality at the pure water outlet not correct?

- Switch the appliance off completely and switch it on again in rinsing mode.
- Wait a few minutes in flushing mode. Then switch to production mode and measure the water value regularly. This usually regulates itself after a few minutes.
- Operate the appliance in flush mode for 30 minutes. Then measure the water value again in operating mode.
- Incorrect use (well water, unsuitable water source, overpressure, frost) can damage your membrane. In such cases, please contact your specialist dealer.
- In some cases, the water value may remain permanently too high if the incoming water is extremely hard and a membrane has been used for several years. Please contact your specialist dealer. The problem can usually be solved by replacing the membrane.

5.2 Is your appliance supplying too little pure water?

- Replace the pre-filter.
- Check the respective tap. The water pressure can vary greatly here. As a general rule, a low inlet water pressure means that the appliance produces less water.
- In a few cases, very hard inlet water can lead to scaling of the system. Your specialist dealer will be happy to advise you on how to proceed in such cases.
- Please use a hose with a diameter of at least 3/4' as the supply line to the appliance. A thinner hose can restrict water production.
- The use of unauthorised drinking water may have clogged ('blocked') or destroyed your membrane (e.g. due to 'iron', 'silicic acid' etc.). Please contact your specialist dealer.

5.3 The machine cannot be switched on?

- Check the power supply at the place of use.
- Are you using a cable reel? If so, is it completely unwound?
- In many cases, a defective personal protection plug is to blame if the pump cannot be switched on. This safety component is particularly sensitive to moisture. Replacing this plug usually solves the problem. Your specialist dealer will be happy to advise you on this.
- The OSMOBIL MAX may be receiving too little water or the inlet pressure is below 0.5 bar. In this case, the pump will not start, as no pure water production is possible. Increase the inlet pressure so that the machine starts up again automatically.

5.4 The appliance is in tank mode even though no float is installed?

- The screw cap on the connection has probably been removed or is loose. If water gets into the plug, this can cause the machine to 'think' that a sensor has been installed.
- Allow the appliance or the plug to air dry. At room temperature, this fault usually disappears after 60-120 minutes.
- Please always place a screw cap on the connection if no float is used.

5.5 Does your appliance display an 'Error' on the appliance display?

- Please disconnect the machine completely from the power supply (pull the personal protection plug out of the socket) and wait 30 seconds before reinserting the plug and restarting the machine. The problem is then usually solved.

6 Warranty

All OSMOBIL water systems are subjected to extensive quality control and testing before delivery and are only supplied to commercial customers. The devices are designed for unconditional reliability and durability. Should there nevertheless be a problem or a reason for complaint within the warranty period (12 months), please address the respective claim for replacement to VF Reinigungstechnik GmbH. Please note that the warranty only covers appliances that are structurally unchanged and have been operated strictly in accordance with the instructions in this manual.

7 EC Declaration of Conformity and EC Machinery Directive

EC Declaration of Conformity

according to EC Machinery Directive 2006/42/EC, Annex II A

The manufacturer 'VF Reinigungstechnik GmbH' hereby declares that the mobile osmosis system 'OSMOBIL MAX' complies with all relevant provisions of the Machinery Directive 2006/42/EC. The machine also complies with all provisions of the EMC Directive 2014/30/EU and the Radio Equipment Directive 2014/53/EU.

The following harmonised standards were applied:

EN ISO 12100:2010 Safety of machinery - General principles for design - Risk assessment and risk reduction (ISO 12100:2010)
EN ISO 13849-1:2023 Safety of machinery - Safety-related parts of control systems - Part 1: General principles for design (ISO 13849-1:2023)
EN 60204-1:2018 Safety of machinery - Electrical equipment of machines - Part 1: General requirements

Authorised representative

Spenge, 14.04.2025 Tobias Becker, Chief Executive Officer

Manufacturer:
VF Reinigungstechnik GmbH
Blankenfohrweg 11
32139 Spenge
Fon: 05225.86367-0

VF Reinigungstechnik GmbH
Blankenfohrweg 11
32139 Spenge

T 05225 86367-0
info@vf-reinigungstechnik.de
www.gebauedereinigung-shop.de

USt-IdNr. DE367257084
Steuernummer: 324/5767/4145
Amtsgericht Bad Oeynhausen
HRB 19598

Geschäftsführer
Tobias Becker
Christopher Gerbig