

QLEEN

PURE WATER CLEANING SYSTEMS

User information



Power supply unit

72078

Version 03/2024

Introduction to the user information Power supply unit

Thank you for choosing a Lehmann power supply unit.

Before you start cleaning, here is some important user information.

Please read this information carefully and be sure to follow it.

As the owner of a power pack, please also ensure that your employees have also read the "Power pack user information" and follow the safety instructions and warnings.

Please also observe and follow the "General user and safety instructions" (separate publication of Lehmann KG).

This document is the original user information. It is written in German. Copies in other languages are translations of this original user information.

Manufacturer / Publisher

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Country of origin

Federal Republic of Germany

We are delighted that you have decided in favour of our power supply unit.

Item number **72078**

Type designation **Power supply unit**

Serial number _____

Year of construction _____



* Picture shows the power supply unit (72078)

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2 General information and safety instructions

2.1 Structure of the manual

These instructions give you an overview of the functions, operation and correct use of the power supply unit for ROTAQLEEN.

Certain symbols in these instructions refer to different information:



The information sign indicates useful tips and information.



The exclamation mark warns of potential dangers and risks.

2.2 Safety instructions



Caution: Risk of accident:

- The operating personnel must be adequately trained in handling the machine.
- The power supply unit must be in perfect condition.
- Wear sturdy, non-slip shoes with protective toecaps to protect yourself from bruising.
- Work on roofs only with appropriate safety equipment.
- Do not work with the pole system under high-voltage power lines!
! DANGER OF ELECTRIC SHOCK!



Warning: Risk of accident and damage to the appliance and equipment

- Only use the power supply unit from +5 °C and higher, as this can cause frost damage to the device and equipment
- Do not work with the pole system in wind speeds above 2 (>3.3 m/s), as the pole system may buckle and fall down



Warning: Risk of electric shock and fire hazard

- Check the power cable and the mains plug for damage before each start-up. If any damage is found, the machine must be shut down immediately and checked by a specialist.
- When plugging in the power supply unit, make sure that the mains plug and your hands are not wet!

3 Description of the power supply unit

3.1 How the power supply unit works

After plugging in the mains plug, the control button lights up blue and the system is ready for operation.

The operating mode is selected using the remote control.
Forward operation and reverse operation.

The power supply unit for the ROTAQLEEN* is established using the connection cable* supplied.

Water can be supplied via any QLEEN machine or with normal tap water.
With tap water, however, the water does not dry streaks.

The water is transported to the ROTAQLEEN* via a hose attached to the telescopic pole*.

There it is distributed evenly and sparingly over the surfaces to be cleaned via fine nozzles*.

3.2 Areas of application

Applications for the power supply unit are

- For power supply and control of the ROTAQLEEN Classic and Vario with 24 V connection

3.3 Scope of delivery

Power supply unit (72078)

- Power supply unit for the power supply of a ROTAQLEEN
- Remote control
- Quick guide
- Instruction manual

* Accessories not included in the scope of delivery

3.4 Connections and controls



4 Start-up

4.1 Transport

- The power supply can be transported using the integrated carrying handle.



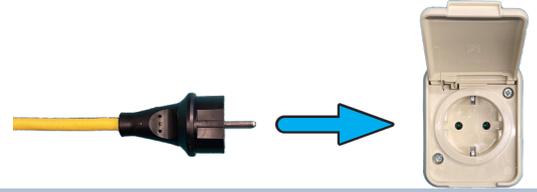
Caution - risk of injury

- Wear sturdy shoes with steel toecaps when transporting the device, as this can cause crushing injuries to the feet when the device is parked!
- If there are obvious defects on the power supply unit or the telescopic pole system, do not use them!

4.2 Power supply

- Insert the mains plug into the socket, the control button lights up **blue**

⇒ The power supply is established



4.3 Switching on the remote control

1. To switch on the remote control, set the power switch to »I«



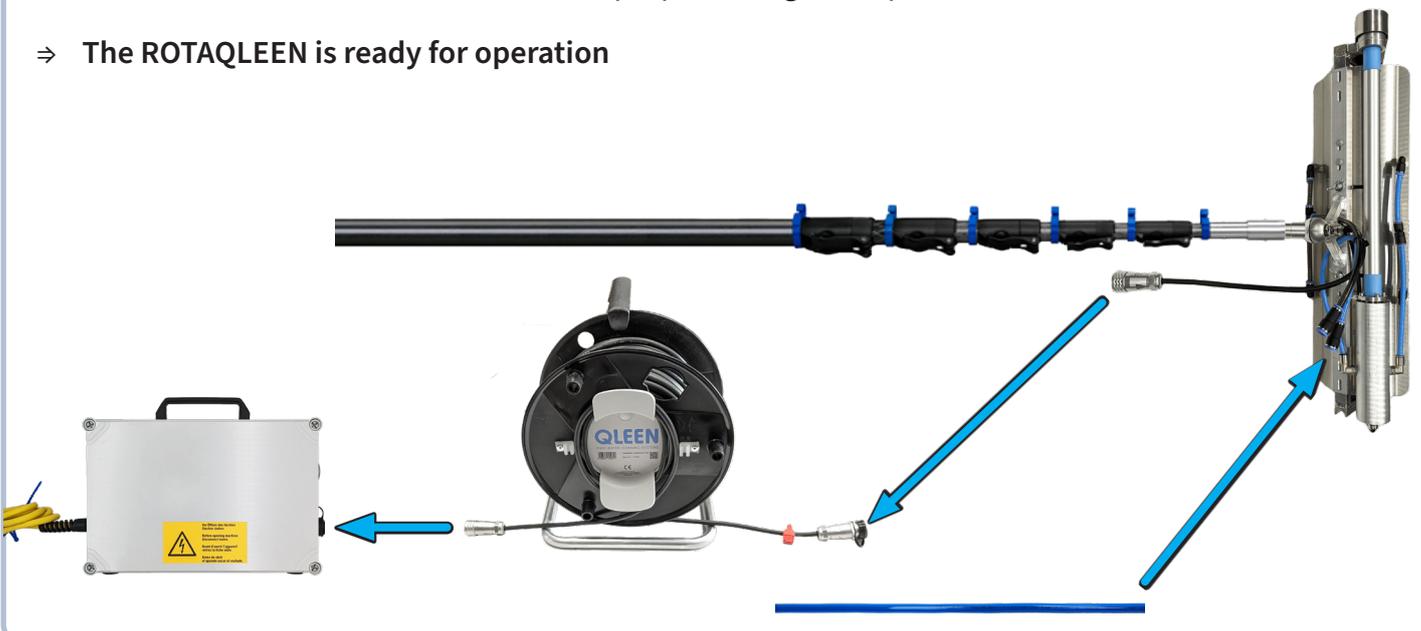
4.4 Connecting a ROTAQLEEN*

The ROTAQLEEN are electric rotating brushes for use with heavy soiling and/or large areas.

For more information, read the "ROTAQLEEN user information".

1. Insert the ROTAQLEEN into the brush adapter until the snap button engages
2. Connect the socket of the cable reel/extension to the plug of the ROTAQLEEN
3. Connect the plug of the cable reel/extension to one of the ROTAQLEEN sockets on the power supply unit
4. Connect the hose to the blue hose on the ROTAQLEEN
5. Attach the hose and cable to the telescopic pole using the clips

⇒ The ROTAQLEEN is ready for operation



* Accessories not included in the scope of delivery

i For the best result, we recommend one of our water supply systems QLEEN PUREWATER systems. The PUREWATER has a better cleaning effect than normal tap water and also dries streak-free.

5 Cleaning

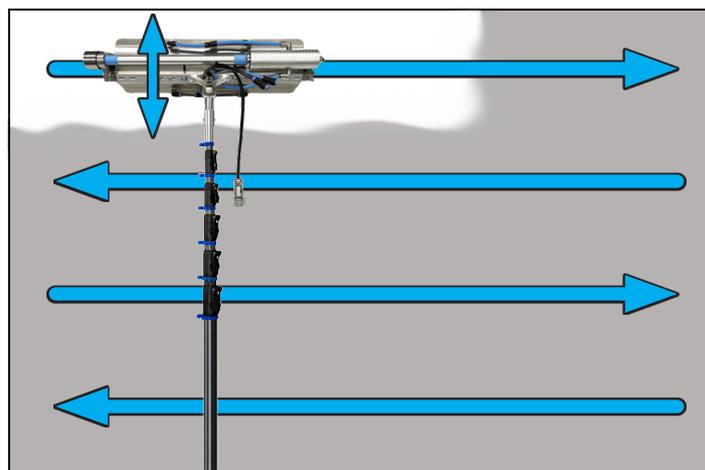
Heavily soiled, oily or greasy surfaces must be pre-treated with a cleaning agent. Dirt that can only be removed by intensive mechanical cleaning (e.g. glass planing) should also be pre-treated accordingly.

The higher you work, the greater the dirt load in the lower levels, because the "external protection" of the higher level is added to the "intrinsic dirt".

This should be taken into account when calculating the work and order.

- ! Caution - risk of injury**
- **Risk of tripping:** Watch out for the hose when working
 - **Risk of falling:** Place the telescopic poles on the floor when interrupting work! Do not lean against a vertical wall, as this can cause the pole to fall over and result in injury or damage to the equipment!
 - **Risk of electric shock:** Do not work with the telescopic pole under high-voltage power lines!

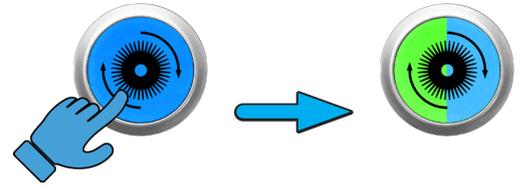
1. Open the water supply
2. Place the ROTAQLEEN on the surface to be cleaned
3. Extend the telescopic pole to the required length
4. Position the brush in the upper area and switch to forward using the remote control
5. Move from one side to the other with even up and down movements over the surface to be cleaned
6. Proceed in the same way for the surfaces below until the entire surface has been cleaned
7. Adjust the telescopic pole to the working height to ensure fatigue-free working



5.1 Cleaning with ROTAQLEEN (manual control)

Switching on the ROTAQLEEN

- Press the control button briefly, the button lights up **green** or **turquoise**
- ⇒ The ROTAQLEEN starts in the last selected running direction

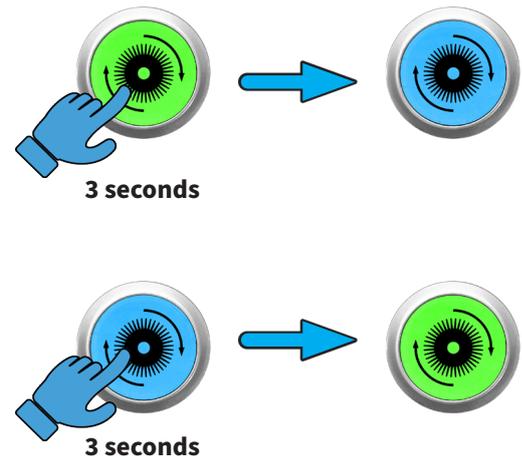


Attention:

The ROTAQLEEN starts immediately in forward or reverse. The pole with brush must be held and secured!

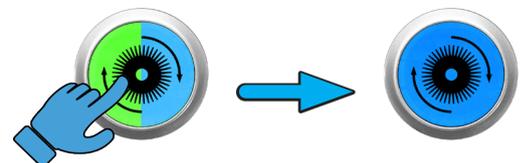
Switching the running direction

- If the control button lights up **green**, the ROTAQLEEN runs forwards
- Press the control button on the power supply unit for 3 seconds, the button lights up **turquoise**
- ⇒ The ROTAQLEEN switches to reverse running
- If the control button lights up **turquoise**, the ROTAQLEEN runs backwards
- Press the control button on the power supply unit for 3 seconds, the button lights up **green**
- ⇒ The ROTAQLEEN switches to forward running



Switching off the ROTAQLEEN

- Briefly press the control button on the power supply unit, the button lights up **blue**
- ⇒ The ROTAQLEEN stops



5.2 Cleaning with ROTAQLEEN (remote control)

Switching on the ROTAQLEEN

- Briefly press the »PUREWATER« button, the control button on the power supply unit lights up **green** or **turquoise**
- ⇒ The ROTAQLEEN starts in the last selected running direction



Attention:

The ROTAQLEEN starts immediately in forward or reverse. The pole with brush must be held and secured!

Switching the running direction

- If the control button lights up **green**, the ROTAQLEEN runs forwards
- Briefly press the »ROTAQLEEN« button on the remote control, the control button on the power supply unit lights up **turquoise**
- ⇒ The ROTAQLEEN switches to reverse running



- If the control button lights up **turquoise**, the ROTAQLEEN runs backwards
- Briefly press the »ROTAQLEEN« button on the remote control, the control button on the power supply unit lights up **green**
- ⇒ The ROTAQLEEN switches to forward running



Switching off the ROTAQLEEN

- Briefly press the »PUREWATER« button, the control button on the power supply unit lights up **blue**
- ⇒ The ROTAQLEEN stops



6 After cleaning

6.1 Dismounting

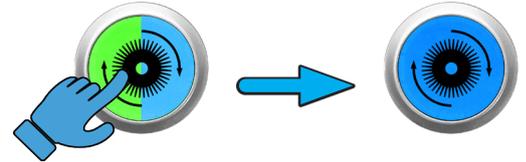
Switching off the ROTAQLEEN

- Briefly press the control button on the power supply unit, the button lights up **blue**

Or:

- Briefly press the »PUREWATER« button on the remote control, the control button on the power supply unit lights up **blue**

⇒ The ROTAQLEEN stops

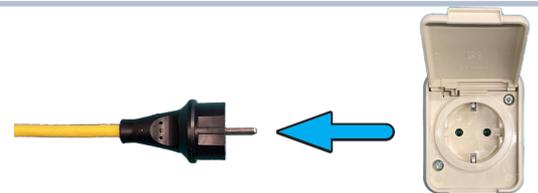


3. Switch off the remote control with the power switch to »0«

**Warning! Risk of electric shock:**

- Make sure that the mains plug and your hands are not wet when unplugging the mains adapter!

8. Pull out the mains plug



- Switch off the water supply for the ROTAQLEEN
- Retract the telescopic pole completely
- Disconnect the hose from the brush, remove it from the telescopic pole and roll it up
- Remove the connection cable from the ROTAQLEEN
- Press the snap button on both sides and remove the ROTAQLEEN from the telescopic pole
- Stow the ROTAQLEEN away

⇒ The power supply unit is ready for transport

7 Additional information

7.1 Maintaining and cleaning the appliance

Clean power supply unit

- Carefully wipe off any dirt and allow to dry
- Ensure that no chemical liquids remain on the power supply unit
- Check for damage and cable breaks

⇒ The power supply unit has been cleaned, checked and is ready for storage and transport

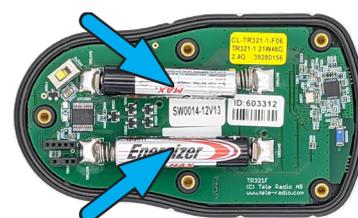
7.2 Battery change remote control

If the remote control no longer responds after switching on or the range is reduced, the batteries must be replaced. There are 2 round cells of type AAA (LR3) installed.

1. Remove the 5 screws on the underside of the housing using a Phillips screwdriver and remove the cover



2. Remove the old AAA batteries and replace them with new ones, paying attention to the polarity of the batteries
3. Close the housing again and screw it down



7.3 Storage

The power supply unit should be stored in a dry place and at a temperature above 5 °C.

7.4 Repair and maintenance

System users and operators must not carry out any repair or maintenance work on Lehmann cleaning systems themselves.

Such work is not permitted and will lead to a direct loss of warranty and warranty will be cancelled.

Repair and maintenance work may only be carried out by the technical customer service department of the authorised Lehmann dealer or by the manufacturer, Lehmann KG.

For all repair and maintenance work, please contact the Lehmann authorised dealer from whom you purchased the cleaning system.

All repairs are carried out by trained technicians who are equipped with original spare parts for Lehmann systems.

Before contacting the authorised dealer's technical service department, please have the following information to hand:

- Type, serial number, customer number, telephone number, date of purchase and a description of the problem that is as precise as possible

7.5 Troubleshooting

Malfunctions	Causes	Solutions
After plugging in, the control button does not light up	The fuse of the power supply unit is defective	The fuse in the power supply unit must be replaced
The ROTAQLEEN does not start	The plugs are not connected correctly	Check all plug connections for tight fit and connection
The remote control does not respond	Remote control not switched on	Switch on the remote control, see Page 8 (4.3 Switching on the remote control)
	Batteries in the remote control empty	Replace the batteries, see Page 13 (7.2 Changing the remote control battery)
Poor range of the remote control	Batteries in the remote control empty	Replace the batteries, see Page 13 (7.2 Changing the remote control battery)
	Buildings or other jammers are in the vicinity	If possible, always place the power supply unit in the line of sight, reduce the distance to the power supply unit or eliminate sources of interference

7.6 Recycling and disposal

system, accessories and packaging - must not be disposed of with household waste. Instead, they must be handed over to a suitable collection point for recycling or disposal. Return shipment to Lehmann KG is also possible. The sender bears the costs of the return shipment.

7.7 Guarantee and warranty

Lehmann KG trusts in the quality of its products. That is why we offer our customers in the member states of the European Union an exceptional 24-month guarantee, which is without prejudice to the statutory warranty claims and does not restrict these. Accumulators and batteries have a limited warranty of 6 months.

7.8 Manufacturer information

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Facebook	www.facebook.com/lehmannkg/

8 Technical information

8.1 Supply connections

- 100-240 V mains connection with type F plug

8.2 Climatic operating conditions

- Permissible temperature range for system use: +5 °C to +50 °C
- Maximum permissible wind speed: < 3.4 m/s (wind force 2) for work with pole set
- Maximum permissible surface temperature of surfaces to be cleaned: < 50 °C

8.3 Technical data

Component	Measured variables	Remarks	Values
Power supply unit	Dimensions	Length / width / height	30 x 14 x 14 cm
	Weight		4,5 kg
	Power supply	Type F plug	100-240 V, max. 4 A
	ROTAQLEEN connection		24 V, max. 6 A
Remote control	Range	Without obstacles, on line of sight	up to 50 m
	Frequency band		2405-2480 MHz
	Authorisation for		EU, USA, Canada
	Batterien		2 x AAA (LR3)
Workplace	Work and movement area	Minimum length / width	2 x 2 m
	Safety distance from electricity pylons and lines	At least	40 m

8.4 CE Declaration of Conformity

This product was extensively tested prior to market launch and complies with legal requirements.



EC declaration of conformity



Directive 2006/95/EG (low voltage)
 Directive 2006/42/E (maschine)
 Directive 1999/5/EG (telekommunikations)

The documents authorized person is:

Mr. Dustin Schnabel, Lehmann KG, Kranichstraße 2a, 17235 Neustrelitz, Germany

Manufacturer:

Lehmann KG, Kranichstraße 2a, 17235 Neustrelitz, Germany

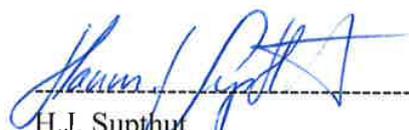
hereby declares that the following products / devices match the regulations of the above mentioned directives including their amendments in force at the time of declaration.

- **QLEEN external power supply in different versions**

The following harmonized standards have been applied:

EN 301489-3:V1.4.1, EN 300220-2:V2.4.1, EN 301489-1:V1.9.2
 EN 55014-1:2006+A1:2008+A2:2011, EN 55014-2:1997+A1:2001+A2:2008,
 EN 55022:2010, EN 61000-3-2:2006+A1:2009+A2:2009, EN 61000-3-3:2008,
 EN 60950-1:2006-A11+A1+A12, EN 61204-3:2000

Neustrelitz, 01.05.2014



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 Executive Director

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