

Wilo-Rexa MINI3-V05...-AU



en Installation and operating instructions



Rexa MINI3-...-AU
<https://qr.wilo.com/9405>

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1 Safety

1.1 About these instructions

These instructions form part of the product. Compliance with the instructions is essential for correct handling and use:

- Before all activities, read the instructions carefully.
- Always keep the instructions in an accessible place.
- Pass the instructions on to a subsequent owner.
- Observe all product specifications.
- Observe the markings on the product.

Failure to follow the instructions results in:

- Danger to persons or damage to property.
- Loss of claims for damages.

The language of the original operating instructions is English. All other languages of these instructions are translations of the original operating instructions.

1.2 Identification of safety instructions

In these installation and operating instructions, safety instructions are displayed as follows:

- Danger to persons: Safety instructions are **preceded by a corresponding symbol** and are shaded in grey.
- Damage to property: Safety instructions start with a signal word and are displayed **without** a symbol.

Signal words

- **DANGER!**
Failure to follow the instructions will result in serious injuries or death!
- **WARNING!**
Failure to follow the instructions can lead to (serious) injury!
- **CAUTION!**
Failure to follow the instructions can lead to potentially irreparable property damage.
- **NOTICE!**
Useful information on handling the product

Symbols

These instructions use the following symbols:



Danger to life due to electric shock



Danger to life due to explosion



Warning – risk of health damage



Warning – risk of injury: wear protective gloves



Warning – risk of injury: wear face mask



Warning – risk of injury: wear safety goggles



Useful information

1.3 Personnel qualifications

- Persons aged 16 and over
- Have read and understood the installation and operating instructions.

Children and persons with limited abilities in the household

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

1.4 Fluids hazardous to health

In stagnant water (for example: pump sump, soakaway, and so on) germs which are hazardous to health can form. There is a danger of bacterial infections!

- Clean and disinfect the product thoroughly after removal!
- Inform all persons about the pumped fluid and the danger it poses!

1.5 Transport and storage

- Wear protective equipment!
- Always carry the product by the handle!
- Clean product and disinfect if necessary!
 - Dirt fosters the formation of germs.
 - Incrustations lead to the impeller becoming blocked.

1.6 Installation

- Wear protective equipment!
- Do not install damaged or defective products.
- If there is a risk of germ formation, observe the following points:
 - Ensure sufficient air exchange.
 - Wear a breathing protection mask.
For example: Half mask 3M series 6000 with filter 6055 A2

1.7 Electrical connection

- Do not connect products with a damaged connection cable! Replace the connection cable by a qualified electrician or the customer service.
- Mains connection with correctly installed protective earth conductor.
- Install a residual-current device (RCD) with 30 mA.
- Fuse protection at mains connection: max. 15 A.
- **Product without plug:** Carry out the electrical connection by a qualified electrician!

1.8 During operation

- The pumping of highly inflammable and explosive fluids (petrol, paraffin, and so on) in their pure form is strictly prohibited!
- If persons come into contact with the pumped fluid (accessible basins*), do not switch on the product.

*Definition of “accessible basins”

Installation sites that can be walked on and directly accessed without tools (for example, ladders):

- Garden ponds
- Paddling pools
- Cesspools
- Fountains, and so on.

NOTICE! The specifications applicable to Swimming pools also apply to accessible basins.

1.9 Removal

- Wear protective equipment!
- **Product without plug:** Disconnect the connection cable from the mains by a qualified electrician.
- Depending on the operating mode and duration, the housing parts become hotter than 40 °C (104 °F).
 - Only touch the product at the carrying handle.
 - Cool down the product.
- Clean the device thoroughly.
- If there is a risk of germ formation, observe the following points:
 - Ensure sufficient air exchange.
 - Wear a breathing protection mask. For example: Half mask 3M series 6000 with filter 6055 A2
 - Disinfect product.

1.10 Clean and disinfect

- Wear protective equipment!
The protective equipment prevents contact with germs that are hazardous to health and the disinfectant.
- If a disinfectant is used, follow the manufacturer instructions!
 - Wear protective equipment according to the manufacturer instructions! If in doubt, ask your specialist dealer.
 - Inform all persons about the disinfectant and how to use it correctly!

1.11 Commercial use

The intended use is for domestic use. The instructions therefore refer only to the domestic use of the product.

The product can also use in commercial applications. Observe the following about commercial use:

- These installation and operating instructions do not contain the necessary information for commercial use.

- The staff is trained in the operation of commercial Wastewater facilities.
- The operator is responsible that the product meets the requirements.
- **Do not** use the product in the following applications:
 - Frequency converter operation
 - Operation on soft start control
 - Operation within explosive atmospheres

1.12 Operating fluid

The oil is in the sealing chamber. The oil lubricates the seal on the motor and pump side.

- Absorb leakage immediately.
- If larger leakage occurs, contact customer service.
- If the seal is defective, the oil reaches the pumped fluid and the sewer.
- Collect waste oil by type (unmixed). Dispose the oil at a certified collection point.
- **Skin contact:** Rinse skin areas thoroughly with soap and water. If skin irritation occurs, consult a doctor.
- **Contact with eyes:** Remove the contact lenses. Rinse eye thoroughly with water. If eye irritation occurs, consult a doctor.
- **Ingestion:** If swallowed, consult a doctor.

2 Product description and function

2.1 Description

Submersible pump for stationary and portable wet well installation in intermittent operation.



Fig. 1: Overview

1	Handle
2	Motor housing
3	Float switch
4	Pump housing
5	Discharge connection
6	Connection cable

Rexa MINI3-V ... -P

Sewage pump with vortex impeller. Discharge port with vertical threaded connection and pre-assembled hose nipple. Pump housing made of grey cast iron, impeller made of plastic. Surface-cooled single-phase motor (operating capacitor integrated) with self-switching thermal motor monitoring. Motor housing made of stainless steel. Oil-filled sealing chamber with double sealing: rotary shaft seal on motor side, mechanical seal on pump side. Connection cable (detachable) with type I plug.

Rexa MINI3-V ... -A

Sewage pump with vortex impeller. Discharge port with vertical threaded connection and pre-assembled hose nipple. Pump housing made of grey cast iron, impeller made of plastic. Surface-cooled single-phase motor (operating capacitor integrated) with self-switching thermal motor monitoring. Motor housing made of stainless steel. Oil-filled sealing chamber with double sealing: rotary shaft seal on motor side, mechanical seal on pump side. Connection cable (detachable) with float switch and type I plug.

2.2 Technical data

Manufacturer date	See rating plate ¹⁾
Mains connection	See rating plate
Rated power	See rating plate
Max. delivery head	See rating plate
Max. volume flow	See rating plate
Starting method	See rating plate
Speed	See rating plate
Discharge connection*	G 2 IG, pre-assembled hose nipple: 52 mm (2 in)
Operating mode, immersed	S1
Operating mode, non-immersed	S3 15%
Non-immersed: operating time	1,5 min
Non-immersed: shutdown time	8,5 min
Fluid temperature	3 ... +40 °C (37 ... 104 °F)
Max. immersion depth	7 m (23 ft)

Protection class	IP68
Insulation class	F
Max. switching frequency /h	30/h

Key

* IG = female thread, AG = male thread

¹⁾ Date format according to ISO 8601

2.3 Type key

Example:	Rexa MINI3-V05.09/M05-524/A-10M-AU
Rexa	Submersible sewage pump
MINI3	Series
V	Vortex impeller
05	Nominal size of discharge port G 2 IG
09	Max. delivery head in m
M	Mains connection version: <ul style="list-style-type: none"> • M = single-phase alternating current (1~ AC) • T = three-phase alternating current (3~ AC)
05	Value/10 = rated power P ₂ in kW
5	Mains frequency: <ul style="list-style-type: none"> • 5 = 50 Hz • 6 = 60 Hz
24	Code for rated voltage: <ul style="list-style-type: none"> • 22 = 220 V • 23 = 230 V • 24 = 240 V
A	Electrical equipment: <ul style="list-style-type: none"> • O = with bare cable end • P = with plug • A = with plug and float switch
10M	Length of connection cable
AU	Plug version: Type I

2.4 Scope of delivery

- Pump
- Hose nozzle (pre-assembled)
- Installation and operating instructions

2.5 Functions

2.5.1 Self-switching thermal motor monitoring

If the motor becomes too hot, the pump is deactivated. After the motor has cooled down, the pump is automatically switched on again.

2.5.2 Float switch

The Rexa MINI3-V ... -A is equipped with a float switch. The float switch takes the pump on and off:

- Float up: Pump on
- Float down: Pump off

3 Application/use

3.1 Intended use

For the pumping in household (domestic) areas of:

- Sewage **without** faeces
 - Wash basins
 - Shower basins/bathtubs

- Washing machines
- Wastewater (with small amounts of sand and gravel)
 - Rainwater
 - Drainage water

3.2 Improper use



DANGER

Explosion due to pumping of explosive fluids!

Pumping of highly flammable and explosive fluids (gasoline, kerosene, ...) in pure form is strictly prohibited. There is a danger to life due to explosion! The pump is not designed for these fluids.

Do not use the pump for pumping of:

- Untreated sewage
- Sewage with faeces
- Drinking water
- Fluids containing hard components (such as stones, wood, metal, ...)
- Fluids containing high quantities of abrasive contents (such as sand, gravel, ...)

Intended use requires compliance with this manual. Any other use is non-compliant with the intended use.

4 Transportation and storage

CAUTION

Soaked packaging may tear!

The product may fall on the ground and damage. Lift wet packaging carefully and replace it immediately!

- Wear protective equipment!
- Always carry the pump by the handle. Do not carry or pull the pump on the connection cable!
- Clean the pump in-deep. Disinfect the pump, if necessary.
- Close discharge port tightly.
- Protect the connection cable from buckling and damage.
- Use original packaging for transportation and storage.
- Pack only the dry pump. A wet or humid pump may soften the packaging.
- Storage conditions:
 - Maximum: -15 ... +60 °C (5 ... 140 °F), max. humidity: 90 %, non-condensing
 - Recommended: 5 ... 25 °C (41 ... 77 °F), relative humidity: 40 ... 50 %

5 Installation and electrical connection

5.1 Installation types

- Stationary wet well installation
- Portable wet well installation

The following installation types are **not** permitted:

- Dry well installation
- Horizontal installation

5.2 Installation

- Wear protective equipment!

- Do not install a damaged or defective pump.
- Frost-free location.
- Lay the connection cable properly. No danger situations during operation (stumbling, damage, and so on).
- Float switch capable to move freely!

5.2.1 Stationary wet well installation

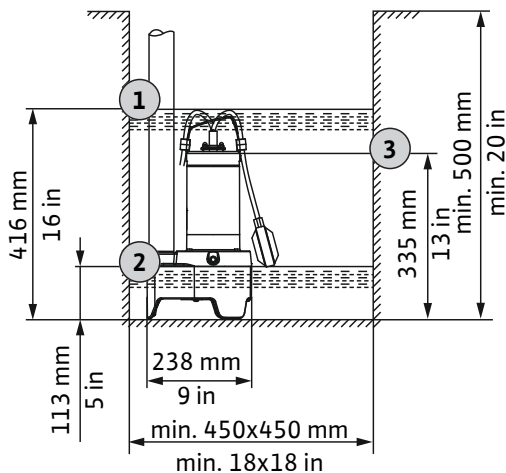


Fig. 2: Installation dimensions and switching points

1	Level: switch on
2	Level: switch off
3	Minimum water level for continuous operation (S1). Below this level only intermittent operation (S3).

For stationary wet well installation, install the pump directly at the pressure pipe. Observe the following points:

- The connected pressure pipe is self-supporting. Do not support the pressure pipe at the pump.
- During operation, the pump may vibrate slightly. These vibrations must transfer via the pressure pipe to the foundation.
- Ensure a stress-free connection at the discharge port – do not screw the pipe in too deep.
- The pressure pipe must not be smaller than the discharge port.
- Seal pipe connections with Teflon tape.
- Install all specified valves in accordance with local requirements (gate valve, non-return valve).
- Lay the pressure pipe frost-proof.
- Avoid air intake! Air in the pump and in the pipe system can lead to delivery problems. Remove air pockets using ventilation systems!
- Install the pressure pipe as a “pipe loop” to avoid backflow from the public sewer.

At its highest point, the bottom edge of the pipe loop must be above the locally determined backflow level!

- ✓ Place of use is prepared.
 - ✓ Pressure pipe properly installed.
 - ✓ Prepared pipe, with the length from discharge port to pressure pipe.
 - ✓ Pre-assembled hose nozzle removed. Unscrew the hose nozzle from the discharge port.
1. Screw the prepared pipe into the discharge port.
 2. Place the pump at the place of use.
CAUTION! To prevent the pump from sinking on soft substrate, use a hard underlay at the place of use.
 3. Connect the prepared pipe to the pressure pipe (for example, using a flexible hose section).

4. Mount the connection cable at the pressure pipe and lay it to the socket/power supply.

► Pump is installed.

5.2.2 Portable wet well installation

At portable wet well installation, the pump can be installed at any point at the place of use. Observe the following points:

- Secure the pump against falling over and moving (creeping) during use.
- Fasten securely the pressure hose at the hose nozzle.

- ✓ Place of use is prepared
- ✓ Min. inside diameter of pressure hose: 53 mm (2")
- ✓ Inside diameter of hose clip: 55 ... 70 mm (2.2 ... 2.8 in)
- ✓ Check the pre-assembled hose nozzle. The hose nozzle is screwed into the pressure port as far as it goes.

1. Slide the hose clip over the pressure hose.
2. Slide the pressure hose onto the hose nozzle.
3. Mount the pressure hose at the hose connection using the hose clip.
4. Position the pump at the place of use.

CAUTION! To prevent the pump from sinking on soft substrate, use a hard underlay at the place of use.

5. Lay the pressure hose. Fasten the pressure hose at an appropriate place (for example, drainage). **CAUTION! If the pump places in a filled pit, hold the pump at a slight angle during immersing. This action allows the air to escape from the pump!**
6. Lay the connection cable to the socket/power supply.

► Pump is installed.

6 Electrical connection

- Mains connection with correctly installed protective earth conductor.
- Install a residual-current device (RCD) with 30 mA.
- Mains connection fuse protection: max. 15 A.
- Check voltage (U) and frequency (f) data on the rating plate. The values must correspond to the data of the mains connection.

Do **not** connect the pump if:

- The connection cable is damaged.
Replace the connection cable by a qualified electrician or the customer service.
- A stand-alone inverter is in use.
A stand-alone inverter is used in autonomous power supplies, for example, solar power supply. An inverter can generate over-voltages. Overvoltages may destroy the pump.
- A multiple plug socket or power strip is in use.
- An energy-saving plug is in use.
The plug reduces the energy supply to the pump. The pump may heat up too much.

6.1 Connection: Pump with plug

Provide a socket (type I) with earthing contact. To connect the pump, insert the plug into the socket.



NOTICE

Pump starts or is ready for operation!

If the plug is connected to the socket, the pump starts immediately or is ready for operation:

- Pump **without float switch**: pump starts on immediately!
- Pump **with float switch**: pump is ready for operation. The pump starts depending on the fill level!
 - ▶ We recommend switching on and off the socket using a separate main switch!

6.2 Connection: Pump without plug



DANGER

Danger to life due to electrical shock!

Improper conduct when carrying out electrical work can lead to danger to life due to electric shock!

- Carry out electrical work by a qualified electrician.
- Observe local regulations.

CAUTION

Irreparable damage as a result of water penetration!

If the connection cable is without plug or with bare cable ends, there is a risk of damage due to water ingress. Water ingress destroys both, the connection cable and the pump. Never immerse the cable end in fluid. Firmly seal the cable end during storage.

Connect the pump permanently to a switchgear. Observe the following points:

- Earth the device properly!
- Provide a motor protection switch!
The minimum requirement is a thermal relay/motor protection switch with temperature compensation, differential trip and re-activation lock according to local regulations.
- Install a mains disconnection device!
Minimum requirement: Main switch with all-pole disconnection.

Pump with single-phase AC motor

To connect the pump to the switchgear, cut off the plug. Connect the pump to a switchgear as follows:

Wire colour	Terminal in switchgear
Brown (bn)	Live wire (phase conductor)
Blue (bl)	Neutral wire (neutral conductor)
Green/yellow (gn-ye)	Earth wire (protective earth conductor)

The wire colours have been changed. Note the following colour mapping:

- The blue wire replacing the old black wire.
- The brown wire replacing the old red wire.

Setup motor protection

Set the motor protection switch to the rated current (see rating plate).

7 Commissioning



DANGER

Danger to live due to electrical shock in accessible basins!

Do not operate the pump if there are persons in contact with the fluid. If a fault occurs, be danger to live due to electric shock! Only start the pump when there are no persons in contact with the fluid.



NOTICE

Check inlet quantity!

The maximum inflow must be smaller than the maximum delivery rate of the pump. If the inflow rate is higher, the pump cannot pump out the fluid complete. The pit can overflow!

7.1 Before switch on the pump

Check the following before starting the pump:

- Is the electrical connection carry out in accordance with regulations?
- Is the connection cable lay safely?
- Can the float switch move freely?
- Temperature of the pumped fluid observed?
- Immersion depth observed?
- Are the pressure pipe and pump sump free of deposits?
- All gate valves in the pressure pipe open?

7.2 Switching on and off

The pump switch on and off depending on the version:

- Pump **with** plug, **without** float switch
The pump switch on immediately after inserting the plug into the socket. To switch off the pump, pull the plug.
- Pump **with** plug **and** float switch
The pump switch on and off automatically on reaching the switching level:
 - Float up: Pump on.
 - Float down: Pump off.
- Pump **without** plug
The control panel switch the pump on and off. Read the installation and operating instructions for the control panel for further details.

7.3 Test run

If the pump is installed stationary (for example, cesspool, overflow shaft), carry out a test run. Check the basic conditions (inflow quantity, switching points) with the test run. The test run must include three pump cycles.

1. Flood the pit: Open inlet.
NOTICE! The required inflow quantity for the test run can be simulating using another water source.
2. Switch on level is reached: pump starts.

3. Switch off level reached: pump stops.
4. Repeat two more pumping cycles.
 - ▶ After three complete pump cycles without problems, the test run is finished.

NOTICE! If the pump does not switch on once a week, repeat the test run every month.

7.4 During operation

CAUTION

Dry run is not allowed!

Do not run the pump without fluid (dry run). If the residual water level is reached, switch off the pump. Dry running may destroy the seal and cause the pump to be irreparably damaged.

Check the following points:

- Inflow quantity corresponds to the pump delivery rate.
- Float switch operates correctly.
- Connection cable is not damaged.
- Pump is free from deposits and incrustations.

8 Removal



DANGER

Risk of infection due to hazardous fluids to health!



Hazardous germs can form in standing waters. If there is a risk of germ formation, observe the following points:

- Ensure sufficient air exchange.
- Wear a breathing protection mask, for example, Half mask 3M series 6000 with filter 6055 A2.
- Disinfect product.



- Wear protective equipment!
- Depending on the operating mode and operation time, the housing parts become hotter than 40 °C (104 °F).
 - Only touch the product by the carrying handle.
 - Cool down the product.
- Clean the device thoroughly.

8.1 Stationary wet well installation

1. Close the gate valve in the inlet and pressure pipe.
2. Switch off pump.
Pump **with** a plug: Pull the plug.
Pump firmly connected(**without** plug): Disconnect the pump from the mains. **DANGER! Carry out electrical work by a qualified electrician!**
3. Disconnect the connection cable from the pressure pipe.
4. Release the pump with the pipe from the pressure pipe.
5. Lift the pump by the handle out of the place of use.
6. Unscrew the pipe from the discharge port.
7. Coil up the connection cable and store it with the pump.
8. Clean pump and pipe thoroughly.

- ▶ Pump removed.

If the pump remains installed, observe the following points:

- Protect pump from frost and ice:
 - Immerse the pump completely in the pumped fluid.
 - Min. ambient temperature: +3 °C (+37 °F)
 - Min. fluid temperature: +3 °C (+37 °F)
- If the pump is not use for a prolonged period, switch on pump and carry out one pumping process every 2 months. This test run prevents for incrustations and clogging. Only carry out the pumping process under suitable operating conditions!

If the former points are not guaranteed, remove the pump!

8.2 Portable wet well installation

1. Switching off the pump: Pull the plug.
2. Lift the pump by the handle out of the place of use.
3. Release the hose clip and pull the pressure hose off the hose nozzle.
4. Coil up the connection cable and store it with the pump.
5. Clean pump and pressure hose thoroughly.

9 Cleaning pump

- ✓ Pump removed.

- ✓ Disinfectant is available.

1. Ensure that the plug or bare cable end is packed and stored in a watertight manner!
2. Rinse the pump and cable with clean, running water.
NOTICE! When using disinfectants, strictly observe the manufacturer specifications and instructions for use!
3. To clean the impeller and the pump interior, guide the water jet inside through the discharge port.
4. Rinse attachments such as the pipe and pressure hose with clean, running water.
5. Flush any dirt residue on the floor into the sewage drain.
6. Dry out the pump.
7. Only clean the plug or bare cable end with a damp cloth!
 - ▶ Pump cleaned. Pack and store the pump.

10 Maintenance

- Wear protective equipment!
- Only carry out the maintenance work specified in these installation and operating instructions.
- Carry out maintenance work in a clean, dry, and well-lit location.
- Use only original parts from the manufacturer. The use of any non-original parts releases the manufacturer from any liability.
- Collect any leakage of fluid and operating fluid immediately.
- Dispose of the operating fluid at certified collection points.

10.1 Operating fluid

- Capacity: 220 ml (7.4 US.fl.oz)
- Interval for oil change: After 720 operating hours or 1x per year
- Oil types (ISO VG class 32):
 - ELFOLNA DS 22
 - Shell Turbo T 32

10.2 Oil change

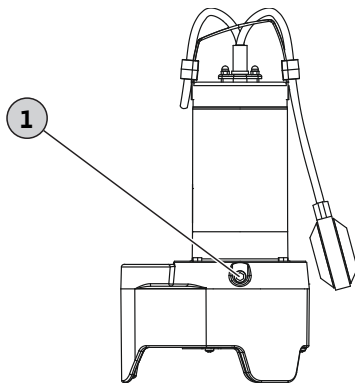


Fig. 3: Sealing chamber oil change

1 Screw plug sealing chamber

- ✓ Wear protective gloves!
 - ✓ Pump is removed, cleaned and if necessary disinfected.
 - ✓ Oil-resistant sealable collector tank is accessible.
1. Position the pump horizontally on a firm surface. The screw plug is on top. **WARNING! Risk of hands being crushed. Make sure that the pump cannot fall over or slip!**
 2. Unscrew the screw plug slowly.
 3. Place a collector tank underneath the pump.
 4. Draining the oil: rotate the pump until the opening points downwards.
 5. Checking the oil: notify customer service if the oil contains metal swarf!
 6. Rotate the pump until the opening points upwards again.
 7. Filling the oil: fill in the oil through the opening.
 - ⇒ Comply with requirements concerning oil type and quantity!
 8. Clean the screw plug, replace the seal ring with a new one, and fully screw it in.

10.3 General overhaul

General overhaul of the pump after 1,500 operating hours by customer service. All components are checked for wear and damaged components are replaced.

11 Faults, causes and remedies

Pump not starting or switches off after a short time.

1. Interrupted power supply
 - ⇒ Check the electrical connection of the pump.
 - ⇒ Check fuses/residual-current devices by a qualified electrician.
2. Thermal motor monitoring tripped.
 - ⇒ Cool down the pump. The pump starts automatically.
 - ⇒ Pump switches On/Off too frequently. Check the cable length of the float switch.
 - ⇒ Excessive fluid temperature. Check the temperature. If necessary, use a different pump.
3. Suction port/strainer/impeller silted/clogged.
 - ⇒ Shut down the pump, remove it and clean it.
4. Float switch not operational.

⇒ The float switch must be able to move freely.

Pump starts up, but does not supply fluid.

1. Pressure pipe/discharge port clogged.
 - ⇒ Flush out the pressure pipe.
 - ⇒ Flush out the pressure hose.
 - ⇒ Remove any kinks in the pressure hose.
2. Swing check valve contaminated.
 - ⇒ Shut down the pump, remove it and clean the discharge port.
 - ⇒ Replace faulty swing check valve.
3. Water level too low.
 - ⇒ Check inlet.
 - ⇒ Pump is pumping at a too low level. Check the cable length of the float switch.
4. Suction port/strainer silted/clogged.
 - ⇒ Shut down the pump, remove it and clean it.
5. Air in the pump/pressure pipe.
 - ⇒ To escape the air, position the pump at a slight angle.
 - ⇒ Install a bleed unit in the pressure pipe.

Delivery rate drops while the pump is running.

1. Pressure pipe/discharge port clogged
 - ⇒ Flush out the pressure pipe.
 - ⇒ Flush out the pressure hose.
 - ⇒ Remove any kinks in the pressure hose.
2. Suction port/strainer silted/clogged
 - ⇒ Shut down the pump, remove it and clean it.
3. Air in the pump/pressure pipe
 - ⇒ To escape the air, position the pump at a slight angle.
 - ⇒ Install a bleed unit in the pressure pipe.
4. Signs of wear
 - ⇒ Contact customer service.

Customer service

If the points listed here do not rectify the fault, contact customer service. Costs may be incurred when using customer service support! Contact customer services for more information.

12 Disposal

12.1 Information on the collection of used electrical and electronic products

Proper disposal and appropriate recycling of this product avoid environmental damage and dangers to your personal health.



NOTICE

Do not dispose in domestic waste!

This symbol means do not dispose the electrical and electronic product in domestic waste. The symbol is included on the product, the packaging, or the accompanying documentation.

Note the following points for proper handling, recycling, and disposal of the product:

- Only hand over the product at designated, certified collection points.
- Observe the locally applicable regulations!

Consult your local municipality, the nearest waste disposal site, or your retailer for information of proper disposal. See www.wilo-recycling.com for more information about recycling.

12.2 Oil



WARNING

Risk of environmental and health damage due to incorrect disposal of oils!

Oil is harmful to health and the environment! Do not dispose oil with domestic waste or in the sewage system! Collect the oil in a sealable, oil-resistant container and dispose it at a certified collection point.

Certificate Number: AZ 69025657

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CERTIFICATE OF APPROVAL

Authorised marking: TUV-025657-EA

TÜV Rheinland Australia Pty Ltd "Electrical Product Safety Certification (EPSC) Scheme", accredited by JAS-ANZ in accordance with ISO/IEC 17065, has issued this certificate under the Gas and Electricity (Consumer safety) Act 2017 as a declared Recognised External Approval Scheme (REAS). The electrical equipment described hereunder has been evaluated and found to be electrically safe at the time of certification. It is a requirement that all equipment supplied under this certificate shall be identical to the equipment as certified. The certificate holder shall use the above mentioned authorised marking. The certificate holder may use the Regulatory Compliance Mark (RCM) provided all the requirements of AS/NZS 4417.1 & AS/NZS 4417.2 applicable to the article are fulfilled.

CERTIFICATE HOLDER:

WILO Pumps Ltd.
46, Mieumsandan 1-ro,
Gangseo-gu, Busan, 46730
Republic of Korea

DESCRIPTION OF EQUIPMENT

Declared class:

SUBMERSIBLE PUMP

Product:

Submersible Pump

Trade Name / Manufacturer:

WILO

Model Number:

- 1) REXA MINI3-V05.09/M05-524/A-10M-AU
- 2) REXA MINI3-V05.11/M06-524/A-10M-AU
- 3) REXA MINI3-V05.13/M08-524/A-10M-AU

Ratings:

- 220-240V~, 50Hz, Class I, IP68, Water Tmax: 40°C
- 1) 3.3A, 730W; Hmax.: 9m, Hmin.: 0.5m.
 - 2) 4.1A, 930W; Hmax.: 11m, Hmin.: 0.5m.
 - 3) 4.7A, 1030W; Hmax.: 13m, Hmin.: 0.5m.

Standard:

AS/NZS 60335.2.41:2013+A1
AS/NZS 60335.1:2020

Issue Date:

26/11/2021

Expiry Date:

26/11/2026

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

Grant Li



Acc. No. Z2870404AA
www.jas-anz.org/register

Certificate Number: AZ 69025657

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CERTIFICATE OF APPROVAL

Authorised marking: TUV-025657-EA

CONTINUATION SHEET 1

(Modification 1)

Add rating for max. submersible depth: 7m

Issue Date: 22/12/2022

Expiry Date: 26/11/2026

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd


TÜVRheinland[®]



www.jas-anz.org/register



Grant Li



wilo



Local contact at
www.wilo.com/contact

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