

Welcome to Wilo

Dear Customer,
Wilo-Safe Drinking Water For Everyone

Wilo-Safe Water delivers the futuristic solutions for safe drinking water.

The Wilo Group is one of the world's leading premium providers of pumps, pump systems and safe drinking water for the building services, water management and industrial sectors. In the past decade, we have developed from a hidden champion into a visible and connected champion. Today, Wilo has around 8,000 employees worldwide.

Our innovative solutions, smart products and individual services move water in an intelligent, efficient and climate-friendly manner.

We are confident that your decision to own Wilo-Safe Drinking Water Purifier will go a long way in sewing you with purer and mineral enriched drinking water keeping you and your family in good health. You will be satisfied with its trouble-free performance and quality which we offer without any compromise.

This manual is an effort towards familiarizing you with the operation and maintenance of your Wilo-Safe Drinking Water Purifier. Before operating the unit please read the manual thoroughly and retain it for future reference. To ensure that the warranty of your water purifier is effective please fill-up the enclosed warranty card and send the installation report within a week of purchase. Should you need further assistance please do not hesitate to Contact your nearest WILO dealer, customer care or branch.

Best Wishes.

WILO Mather and Platt Pumps Pvt. Ltd.



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Introduction

The Wilo-Safe Drinking Water Purifier offers a small de-central water treatment solution with the following benefits:

- Water from various sources like wells, Bore-wells, rivers and lakes can be used.
- A multi-step water pretreatment process removes odor, smell, particles and most important all pathogens like viruses, bacteria and protozoa.
- It is eco-friendly with low water loss, low energy consumption and no need for chemicals.

Salient Features of system

- Wall mounted and table mounted design best suited for domestic purpose
- Double purification technology, first by medical grade UF membrane followed by filters out all pathogens like viruses, bacteria and protozoa followed by RO membrane to reduce dissolved solids.
- Automatic operation with auto on and off facility
- With and without filtrate water storage tank
- Push fit components give leak proof and low maintenance performance
- Food grade material construction for corrosion free life span

Items in the Box

- | | |
|--------------------------------------|--------------|
| 1. WILO water purifier : | 01 No. |
| 2. Diverter set : | 01 No. |
| 3. Micron cartridge filter : | 01 No. |
| 4. Food grade pipe so inch (Blue) : | 2.5 m |
| 5. Food grade pipe at inch (White) : | 2.5 m |
| 6. Screws with ravel plug : | 02 Nos. each |
| 7. Manual and warranty card : | 01 No. |

* Tested St certified by TUV-SUD South Asia (P) Ltd.

Important Instructions



Avoid exposure to direct sunlight and installation in damp areas.

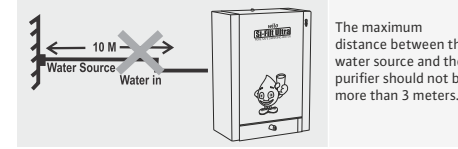


Make sure that the temperature of water entering the purifier is within 10°C -40°C.



Make sure that the reject water pipe is not placed at a level higher than the system, otherwise the rejected water may flow backwards into the purifier.

Important Instructions



The maximum distance between the water source and the purifier should not be more than 3 meters.



Avoid sharp bends in the pipe. Do not bend or block the reject water pipe.

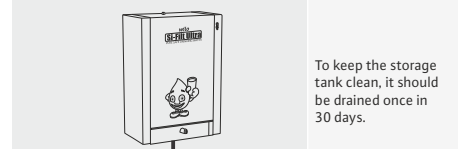


Do not confine the purifier in a cabinet.

Important Instructions



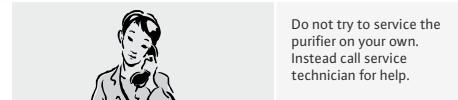
In case of not using the purifier for more than two days, kindly switch off the power supply and drain the storage tank.



To keep the storage tank clean, it should be drained once in 30 days.



Use Genuine WILOSpares for optimum performance.



Do not try to service the purifier on your own. Instead call service technician for help.

Safety

These operating instructions contain basic information, which must be adhered to during installation, operation and maintenance. For this reason, these operating instructions must without fail be read along with the general safety norms and the responsible person before installation. It is not only the general safety instructions listed under the main point "Safety" that must be adhered to but also special safety instructions with danger symbols included under the following main points.

NOTE:

Signal words:

⚠ DANGER! Acutely dangerous situation. Non-observance results in death or the most serious of injuries.

⚠ WARNING!

The user can suffer (serious) injuries. "Warning" implies that (serious) injury to persons is probable if this information is disregarded.

⚠ CAUTION!

There is a danger of damaging the product/unit. "Caution" implies that damage to the product is likely if this information is disregarded. All maintenance work should be done only by the service representative.

Technology details

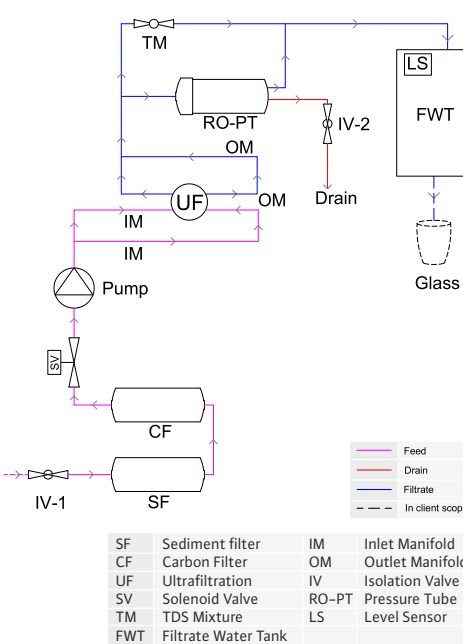
5.1 UF technology

These UF (Ultra filtration) membranes are medical grade filter membranes with 0.01-micron pore size which are very effective and efficient to take out all the microbiology contaminants from the water and with low energy.

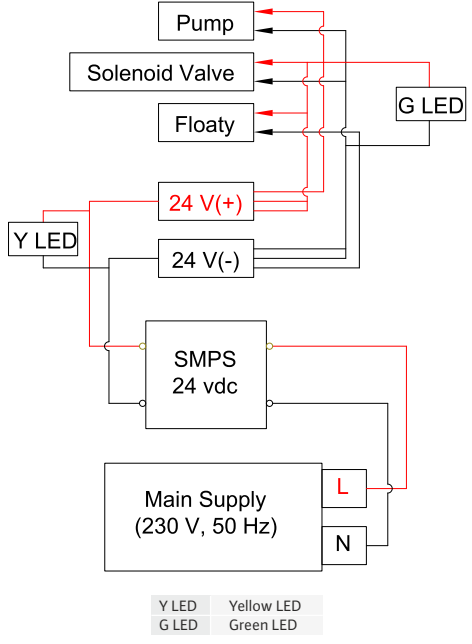
5.2 RO membrane

Reverse osmosis (RO) is a water purification process that uses a partially permeable membrane with 0.001- micron pore size to separate ions, unwanted molecules and larger particles from drinking water. These RO (Reverse osmosis) membranes to reduce the TDS (Total dissolved solids) from the water.

Water Flow Diagram



Electrical Circuit Diagram



Installation

- This system is convenient and easy to install as wall mounting and table mounting
- Before installation we need to some following preparation.
- Availability of single-phase supply from range of 180-250 voltage, 50 Hz and the distance should not be more than 2 meters from the system
- Availability of raw water connection and the distance should not be more than 2 meters from the system
- Drain water line distance should not more than 3 meters from the system
- Installation space as per given specification of system
- For wall mounting system surface should be plane for screw and holding of system, avoid to mount on wooden surface
- Installation procedure for the system is as follows,
- Take the dimensions for screw mounting
- Drill the holes for screw the insert rawal plug with the hammer and mount the screw
- Hang the system carefully on the screw with wall mounting slots
- Do the raw and reject water connection line and plug the 3 pin in the socket

Note:

- Keep the system away from the heat and sunlight

Startup of the system

- Procedure for starting up the system is as follows,
- Check the raw water
- Open the valve in raw water line
- Switch on the supply
- Allow system to fill the filtrate water tank "if include" after filling switch off the power supply. Drain all water from the tank it cleans the tank
- Again switch on power supply and allow to fill the tank now system is ready to use
- For without filtrate water tank run the system for 15 mins and then system is ready to use

Maintenance

To ensure the system is running at its best working condition, routine maintenance is mandatory. We have prescheduled all the routine maintenance but the maintenance is totally depends upon the raw water quality, proper operation and consumption.

Following is the schedule maintenance chart,

Refer table from attached work point 11

All above frequencies are standard but replacement should be depend upon the raw water quality

Note : All maintenance should be done by authorised service representative only

Faults, causes and remedies

Following are the frequently occurring faults,

Sr.no.	Faults	Causes	Remedies
1	No filtrate water flow	1. No raw water 2. Micron, sediment and cartridge filter clogged	1. Check water in 2. Raw water line Check Micron, sediment and cartridge filter and if choked replace it
2	System not working	1. Check power supply	1. Check plug is properly plugged in socket 2. Check cable for damaged

Technical Specifications

Serial Number

Product generic name : Wilo Water Purifier

Enclosure Material : Stainless Steel / Food Grade ABS

Product colour : Grey / White / Steel

Application : Tap water Municipal, Borewell etc.

System flow rate : 25LPH to 50 LPH

Mounting : Wall and table mounted

Dimensions (mm) : 520mm X 395mm X 190mm

Min-Max operating pH : 6.5-8.5

Max operating TDS : 1500 TDS mg/lit

Cartridge : Micron, Sediment and Activated carbon cartridge

Membranes : UF and RO membrane

Net weight : 10 kg

Storage capacity : Nil

Pump voltage : 24 VDC

Total power consumption : less than 50W per hour

Input power supply : 230 VAC, 50 Hz

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This manual is subject to change without prior notice. Please refer to the latest version of the manual for the most up-to-date information. The product may not be an exact representation of the product.