

Wiltec 63001

Wiltec Submersible Dirty Water Pump User Manual

Model: 63001

PRODUCT OVERVIEW

The Wiltec 1500W Submersible Dirty Water Pump (Model 63001) is designed for efficient and rapid removal of dirty water from various environments. This powerful pump is ideal for tasks such as emptying flooded basements, draining ponds, or cleaning pools. Its robust construction and high flow rate ensure reliable performance.



Image: The Wiltec 1500W Submersible Dirty Water Pump, shown with the included 20-meter hose and manual switch. The pump features a durable blue cast iron body and a sturdy handle for portability.

Key Features

- **Powerful 1500W Motor:** Ensures fast and efficient water pumping.
- **High Flow Rate:** Capable of moving up to 22,800 liters per hour for quick drainage.
- **Maximum Delivery Height:** Can pump water up to 10 meters vertically.
- **Includes 20m Hose:** Provides extended reach and flexibility for various applications.
- **Robust Cast Iron Construction:** Designed for durability and reliable performance in demanding conditions.
- **10m Power Cable:** Offers ample length for electrical connection.

SAFETY INSTRUCTIONS

Please read and understand all safety instructions before operating the pump. Failure to follow these instructions may result in electric shock, fire, serious injury, or property damage.

- Always disconnect the pump from the power supply before handling, cleaning, or performing any maintenance.
- Ensure the power supply matches the voltage specified on the pump's rating label (230V AC).
- Do not operate the pump with a damaged power cord or plug.
- Never pump flammable or explosive liquids, such as gasoline, fuel oil, or thinners.
- Do not use the pump in areas where flammable vapors are present.
- Keep children and unauthorized persons away from the operating pump.
- Ensure the pump is fully submerged during operation to prevent overheating.
- Do not lift or carry the pump by its power cable. Use the integrated handle.
- Protect the pump from frost. If storing in freezing temperatures, ensure all water is drained.

SETUP

Unpacking

Carefully remove all components from the packaging. Inspect the pump and accessories for any signs of damage. If any damage is found, do not proceed with installation and contact customer support.

Assembly

1. **Connect the Hose:** Attach the included 20-meter hose to the pump's outlet connection. The pump features a 50.8 mm (2-inch) diameter outlet. Ensure a secure and watertight connection.



**59.25 mm
(G2'') AG**

Image: Close-up view of the pump's outlet, showing the 59.25 mm (G2'') male thread connection point where the hose is attached. The image highlights the robust construction of the outlet.

2. **Positioning:** Place the pump on a stable, level surface in the area to be drained. Ensure the pump is fully submerged in the water during operation. The pump's base is designed for stability.



Image: The base of the pump, illustrating the water inlet points. The image shows two circular inlets with a diameter of 25 mm and a rectangular inlet measuring 35x25 mm, allowing for the passage of smaller foreign bodies.

Electrical Connection

The pump is equipped with a 10-meter power cable and a manual switch. Connect the pump's plug to a grounded electrical outlet (230V AC). Ensure the outlet is protected by a residual current device (RCD) for safety.



Image: Close-up of the manual switch unit. This black box features clearly marked 'ON' and 'OFF' positions, a red indicator light, and secure cable glands for the power input and pump connection.

OPERATION

Before First Use

Ensure the pump is placed securely and fully submerged in the water. The discharge hose should be routed to the desired drainage location, ensuring it is free of kinks or obstructions.

Starting the Pump

Once the pump is positioned and the hose is connected, plug the power cable into a suitable grounded outlet. Use the manual switch to turn the pump ON. The pump will begin to draw water and discharge it through the hose.

Pumping Dirty Water

This pump is designed for dirty water containing particles up to 50.8 mm in diameter. Avoid pumping excessively large debris or fibrous materials that could clog the impeller. Monitor the pump's operation and ensure it remains submerged to prevent dry running, which can cause damage.

Stopping the Pump

To stop the pump, use the manual switch to turn it OFF. Disconnect the pump from the power supply when pumping is complete or if the water level drops below the pump's minimum operating level.

MAINTENANCE

Regular Cleaning

After each use, especially when pumping heavily soiled water, rinse the pump thoroughly with clean water. This helps prevent sediment buildup and ensures optimal performance. Inspect the inlet screen for any blockages and clear them if necessary.

Storage

When not in use, store the pump in a dry, frost-free location. If the pump has been used in freezing temperatures, ensure all water is completely drained from the pump and hose to prevent ice damage. Store the hose coiled neatly.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump does not start	No power supply; Manual switch is OFF; Motor overload.	Check power connection and outlet; Turn manual switch ON; Allow pump to cool down, then restart.
Pump runs but no water is discharged or flow is low	Hose kinked or blocked; Inlet screen clogged; Air lock in pump.	Check and clear hose; Clean inlet screen; Lift and lower pump slightly to release air.
Pump stops during operation	Overheating due to dry running or blockage; Power interruption.	Ensure pump is fully submerged; Clear any blockages; Check power supply.
Unusual noise or vibration	Foreign object in impeller; Worn bearings.	Disconnect power and inspect impeller for debris; If noise persists, contact service.

TECHNICAL SPECIFICATIONS

Specification	Value
Manufacturer	WilTec
Model Number	63001
Power	1500 W
Max. Flow Rate	22,800 Liters per hour
Max. Delivery Height	10 meters
Material	Cast Iron
Voltage	230 V AC
Hose Length (included)	20 meters
Hose Diameter	50.8 mm (2 inches)
Cable Length	10 meters
Item Weight	22.6 Kilograms
Package Dimensions	46.5 x 32 x 31.5 cm



Image: Technical drawing illustrating the overall dimensions of the Wiltec dirty water pump. Key measurements include a height of approximately 430 mm, a base width of 175 mm, and specific heights for the pump body and outlet.

C-STORZ

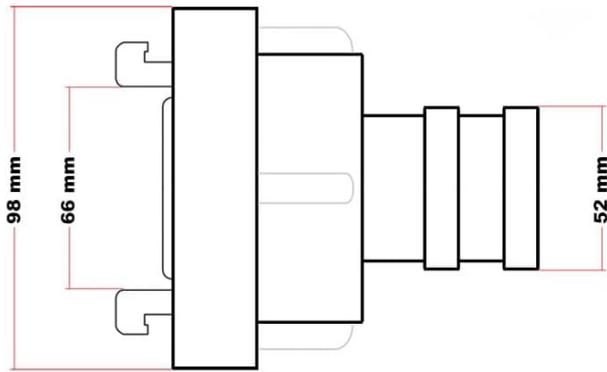


Image: Diagram showing the dimensions of the hose connection. It details the measurements of the C-STORZ coupling, including a length of 98 mm, a diameter of 66 mm, and an internal diameter of 52 mm, ensuring compatibility with the pump's outlet.

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided with your purchase or contact Wiltec customer service. Specific warranty terms and conditions may vary by region and purchase date.