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› Wiltec Pool Pump 18600 L/h 750W User Manual

## Wiltec 65829 (18600 L/h)

# Wiltec Pool Pump 18600 L/h User Manual

Model: 65829 (18600 L/h) | Brand: Wiltec

## 1. INTRODUCTION

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This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Wiltec Pool Pump, model 65829. This pump is designed for circulating and filtering water in pools ranging from 74 to 110 cubic meters, offering a high flow rate of 18,600 liters per hour and a maximum head of 13 meters. It is compatible with sand filter systems and features an integrated pre-filter for enhanced protection.



**Figure 1:** Wiltec Pool Pump 18600 L/h in a typical pool setup. This image shows the pump connected to a pool system, highlighting its compact design and connection points.

## 2. SAFETY INFORMATION

Read all safety instructions carefully before installation and operation. Failure to follow these instructions may result in electric shock, fire, or serious injury. Keep this manual for future reference.

- Always disconnect the pump from the power supply before performing any maintenance or cleaning.
- Ensure the electrical installation complies with local regulations and is protected by a Residual Current Device (RCD) with a tripping current not exceeding 30 mA.
- Do not operate the pump if the power cord or plug is damaged.
- The pump must be installed on a stable, level surface, protected from direct sunlight and adverse weather conditions.
- Ensure adequate ventilation around the pump motor to prevent overheating.
- This pump is designed for fresh water only, with a liquid temperature range of 0-35°C. Do not use with corrosive, flammable, or explosive liquids.

For detailed safety guidelines, please refer to the official Safety Information PDF document: [Safety Information \(PDF\)](#)

### 3. PRODUCT COMPONENTS AND DIMENSIONS

The Wiltec Pool Pump consists of a robust motor, a pump housing with an integrated pre-filter, and inlet/outlet connections. Understanding the dimensions is crucial for proper installation and space planning.



**Figure 2:** Product Dimensions. This diagram illustrates the pump's overall length (580 mm), width (242 mm), and height (367 mm), along with specific measurements for connections and components.

Key components include:

- **Pre-filter Basket:** Located at the inlet, designed to capture debris larger than 3.9 mm.
- **Motor:** 750W copper-wound motor with thermal overload protection.
- **Pump Housing:** Durable plastic construction.
- **Inlet/Outlet:** Standard connections for pool hoses.

### 4. SETUP AND INSTALLATION

Proper installation is vital for the pump's performance and longevity. It is recommended that installation be performed by a qualified technician.

1. **Placement:** Position the pump on a firm, level surface as close to the pool as possible to minimize

suction lift. Ensure it is below the water level if possible for self-priming.

2. **Mounting:** Secure the pump to the surface using appropriate fasteners to prevent vibration and movement.
3. **Plumbing Connections:** Connect the pump's inlet to the pool skimmer/main drain line and the outlet to the sand filter and return lines. Ensure all connections are watertight using thread sealant tape or appropriate gaskets.
4. **Electrical Connection:** Connect the pump to a dedicated, properly grounded electrical circuit protected by an RCD. Verify that the power supply voltage matches the pump's requirements (230V, 50Hz).
5. **Priming:** Before first use, fill the pre-filter housing with water to ensure the pump is primed. This prevents dry running and potential damage.

## 5. OPERATING INSTRUCTIONS

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Once installed and primed, the pump is ready for operation.

1. **Starting the Pump:** Ensure all valves are open and the pre-filter is full of water. Connect the pump to the power supply. The pump will start circulating water.
2. **Monitoring Performance:** Observe the water flow and pressure gauge (if installed on your filter system) to ensure optimal operation. The pump is designed for a maximum flow rate of 18,600 L/h and a maximum head of 13 meters.
3. **Temperature Range:** The pump is designed to operate with liquid temperatures between 0°C and 35°C. Operating outside this range may damage the pump.
4. **Stopping the Pump:** Disconnect the pump from the power supply. Close any necessary valves to prevent water backflow.

# Portata ottimale e prevalenza alta

Solo per acqua dolce

**13 m**

Prevalenza max

**18600 L/h**

Portata max

**0-35°**  
Intervallo di temperatura (liquido)



**Figure 3:** Optimal Performance. This image highlights the pump's maximum head of 13 meters and maximum flow rate of 18,600 L/h, along with the recommended liquid temperature range of 0-35°C.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your pool pump.

- **Pre-filter Cleaning:** The integrated pre-filter collects debris such as leaves, twigs, gravel, and hair. Regularly inspect and clean the pre-filter basket to maintain optimal flow and prevent pump strain. To clean, disconnect power, open the pre-filter lid, remove the basket, empty debris, and rinse thoroughly. Reassemble, ensuring the O-ring is properly seated and the lid is securely tightened.

# Circolazione acqua e filtrazione delle impurità



**Figure 4:** Pre-filter Function. This image demonstrates how the pump's pre-filter effectively captures various types of debris, such as leaves, twigs, gravel, and hair, protecting the pump's internal components.

- **Motor Inspection:** Periodically check the motor for any unusual noises or excessive heat. The copper-wound motor is designed for stable operation and includes thermal overload protection.

# Bobina in rame puro, funzionamento stabile

Protezione motore da surriscaldamento  
e sovraccarico



**Figure 5:** Robust Motor Design. This image provides a view of the pump's copper-wound motor, emphasizing its stable operation and built-in protection against overheating and overload.

- **General Cleaning:** Keep the exterior of the pump clean and free from dirt and debris.
- **Winterization:** In regions with freezing temperatures, drain the pump completely and store it in a dry, frost-free location during the off-season to prevent damage.

## 7. TROUBLESHOOTING

If you encounter issues with your pump, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Pump does not start	No power; tripped circuit breaker; motor overload protection activated	Check power supply and connections; reset circuit breaker; allow motor to cool down if overheated.
Low water flow	Clogged pre-filter basket; air leak in suction line; low water level in pool; clogged impeller	Clean pre-filter basket; check all suction line connections for leaks; ensure adequate pool water level; inspect impeller for blockages.

Problem	Possible Cause	Solution
Pump runs but no water flows	Pump not primed; air lock; closed valve in suction line	Prime the pump by filling the pre-filter with water; check for and release air locks; ensure all valves are open.
Unusual noise or vibration	Air in system; debris in impeller; loose mounting	Check for air leaks and prime pump; clean impeller; tighten mounting bolts.

If problems persist after attempting these solutions, contact a qualified service technician or Wiltec customer support.

## 8. SPECIFICATIONS

Specification	Value
Manufacturer	Wiltec
Model Number	65829
Flow Rate (Max)	18,600 L/h
Wattage	750 W
Max Head	13 meters
Recommended Pool Volume	74-110 m <sup>3</sup>
Product Dimensions (L x W x H)	58 x 24.7 x 36.7 cm
Item Weight	10.25 kg
Material	Plastic
Color	Blue, Black
Power Type	Corded
Liquid Temperature Range	0-35°C

## 9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact your retailer or the manufacturer directly. Keep your purchase receipt as proof of purchase.

A Certificate of Conformity is available for this product: [Certificate of Conformity \(PDF\)](#)

