

POOLEX PC-SLP150

POOLEX PC-SLP150 Silverline 150 Pool Heat Pump User Manual

Brand: POOLEX

Model: PC-SLP150 Silverline 150

1. INTRODUCTION AND OVERVIEW

This manual provides comprehensive instructions for the installation, operation, and maintenance of the POOLEX PC-SLP150 Silverline 150 Pool Heat Pump. Designed for pools up to 75 m³, this heat pump features a high-performance Mitsubishi compressor and a titanium exchanger for efficient and silent pool heating.

Key features include:

- High-performance Mitsubishi compressor.
- Double-spiral titanium exchanger and twisted tech titanium coil for rapid heating.
- Durable metallic casing with anti-UV and anti-corrosion properties.
- Automatic thermostatic control.
- Compatibility with salt treatment systems.
- User-friendly LCD control panel with Touch & Go technology (optional Wi-Fi module available).



Image 1: POOLEX PC-SLP150 Silverline 150 Pool Heat Pump. This image shows the compact, grey-colored heat pump unit with a circular fan grille on the side and the "POOLEX Silverline" logo prominently displayed.

2. SAFETY INFORMATION

Please read all safety instructions carefully before installing, operating, or performing maintenance on the heat pump. Failure to follow these instructions may result in property damage, serious injury, or death.

- **Electrical Safety:** Ensure the unit is properly grounded. All electrical connections must be performed by a qualified electrician in accordance with local and national electrical codes. Disconnect power before any service or maintenance.
- **Water Safety:** Do not operate the heat pump if there is a risk of freezing water inside the unit. Ensure proper water flow through the unit.
- **Installation:** Install the unit on a stable, level surface. Maintain adequate clearance around the unit for proper airflow and ventilation. Keep children and pets away from the unit during operation.
- **Maintenance:** Only use manufacturer-approved replacement parts. Do not attempt to modify the unit.
- **Chemicals:** Avoid direct contact of pool chemicals with the heat pump casing.

3. PACKAGE CONTENTS

Before proceeding with installation, please verify that all the following components are included in your package:

- POOLEX PC-SLP150 Silverline 150 Heat Pump Unit
- Anti-vibration support kit
- PVC connectors Ø 50mm 1½"
- Condensate drain hose
- Maintenance kit
- Wired control extension (10m)
- Multi-language user manual (this document)

4. SETUP AND INSTALLATION

Proper installation is crucial for the efficient and safe operation of your heat pump. It is highly recommended that installation be performed by a qualified professional.

4.1. Placement

- Choose a location with good airflow, away from walls or other obstructions.
- Ensure the unit is placed on a solid, level surface capable of supporting its weight (54 kg).
- Install the anti-vibration supports to minimize operational noise and vibration.
- Position the unit to allow for easy access for maintenance.

4.2. Plumbing Connections

- Connect the heat pump to your pool's filtration system using the provided PVC connectors (Ø 50mm 1½").
- Ensure all connections are watertight to prevent leaks.
- Install the condensate drain hose to direct condensed water away from the unit's base.

4.3. Electrical Connections

- All electrical wiring must comply with local regulations and be carried out by a certified electrician.
- Ensure the power supply matches the specifications of the heat pump.
- Connect the wired control extension (10m) if remote control panel placement is desired.

4.4. Initial Startup

- Before powering on, ensure the pool pump is running and water is flowing through the heat pump.
- Turn on the electrical supply to the heat pump.
- Follow the operating instructions to set your desired pool temperature.

5. OPERATING INSTRUCTIONS

The POOLEX PC-SLP150 Silverline 150 is designed for user-friendly operation via its LCD control panel.

5.1. Powering On/Off

- To power on, ensure the main power supply is connected and press the power button on the LCD control panel.
- To power off, press the power button again.

5.2. Setting Temperature

- Use the "Touch & Go" interface on the LCD panel to navigate menus.
- Select the temperature setting option and adjust to your desired pool water temperature.
- The unit will automatically begin heating until the set temperature is reached.

5.3. Operating Modes

The heat pump primarily operates in heating mode. It will automatically regulate its operation to maintain the set temperature efficiently.

5.4. Wi-Fi Module (Optional)

An optional Wi-Fi module can be integrated for remote control and monitoring. Refer to the separate instructions provided with the Wi-Fi module for setup and operation.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your POOLEX heat pump.

6.1. Routine Cleaning

- Keep the exterior of the unit clean, wiping it with a soft, damp cloth.
- Ensure the air intake and outlet grilles are free from leaves, debris, and other obstructions. Blocked airflow can reduce efficiency.

6.2. Condensate Drain

- Periodically check the condensate drain hose to ensure it is not blocked and water can flow freely.

6.3. Winterization

Before the winter season or when temperatures are expected to drop below freezing, perform the following steps:

- Turn off the heat pump and disconnect its electrical supply.
- Drain all water from the heat pump and associated plumbing to prevent freezing damage.
- Cover the unit with a protective, breathable cover designed for outdoor appliances.

6.4. Maintenance Kit

Utilize the included maintenance kit for any specific cleaning or care instructions provided by POOLEX.

7. TROUBLESHOOTING

This section addresses common issues you might encounter. For problems not listed here or if solutions do not resolve the issue, contact qualified service personnel.

Problem	Possible Cause	Solution
Heat pump does not turn on.	No power supply; circuit breaker tripped; unit switch off.	Check power connections; reset circuit breaker; ensure unit is switched on at the control panel.
Pool water is not heating.	Incorrect temperature setting; insufficient water flow; air blockage; low ambient temperature.	Verify temperature setting; ensure pool pump is running and filters are clean; check for obstructions around the unit; heat pump efficiency decreases in very cold weather.
Unusual noise during operation.	Loose components; fan obstruction; unit not level; anti-vibration supports not installed correctly.	Inspect for loose parts; clear any fan obstructions; ensure unit is on a level surface; verify anti-vibration supports are properly installed. If noise persists, contact service.
Error code on LCD display.	Internal fault; sensor issue.	Note the error code and consult the full technical manual or contact customer support.

8. SPECIFICATIONS

Model Number	PC-SLP150
Brand	POOLEX
Dimensions (L x W x H)	92.7 x 34 x 63.6 cm
Weight	54 kg
Heating Capacity	15 kW
Recommended Pool Volume	Up to 75 m ³
Compressor Type	Mitsubishi High-Performance
Heat Exchanger	Double-spiral titanium, Twisted Tech titanium coil
COP (26/26 conditions)	> 6
Control Panel	LCD with Touch & Go technology
Casing Material	Metallic, anti-UV, anti-corrosion






9. WARRANTY AND SUPPORT

POOLEX is committed to customer satisfaction. For detailed warranty information, technical assistance, or to inquire about replacement parts, please refer to the official POOLEX website or contact your authorized retailer.

You can often find additional support resources, FAQs, and contact information on the manufacturer's website.

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Related Documents - PC-SLP150

	<p>Poolex Silverline Top Heat Pump Installation and User Manual</p> <p>Discover the Poolex Silverline Top heat pumps, offering up to 80% energy savings for swimming pools with R32 refrigerant. This manual provides detailed installation, operation, and maintenance guidance.</p>
	<p>Poolex Silverline FI Heat Pump Installation and User Manual</p> <p>Comprehensive guide for the Poolex Silverline FI heat pump, covering installation, operation, maintenance, and troubleshooting. Learn how to set up and use your heat pump for optimal performance.</p>
	<p>Poolex Silverline Top: Installation and User Manual</p> <p>Comprehensive guide for the installation, operation, and maintenance of the Poolex Silverline Top heat pump. Learn about its features, technical specifications, and safety precautions for optimal performance.</p>
	<p>Poolex Silverline FI Installation and User Manual</p> <p>Comprehensive installation and user manual for the Poolex Silverline FI series heat pumps (Models 70, 90, 120, 150, 200), covering safety, installation, operation, maintenance, and troubleshooting.</p>
	<p>Poolex Silverline Top Heat Pump: Installation and User Manual</p> <p>Comprehensive installation and user manual for the Poolex Silverline Top series of heat pumps. Includes safety instructions, technical specifications, installation guides, operation, maintenance, and troubleshooting.</p>



[Manual de Usuario e Instalación Poolex Silverline FI: Guía Completa](#)

Este manual proporciona instrucciones detalladas para la instalación, operación, mantenimiento y solución de problemas de la bomba de calor Poolex Silverline FI, asegurando un uso seguro y eficiente.