ASTRALPOOL ECO ELYO 9 kW

User Manual: Astralpool Eco Elyo-09 Pool Heat Pump

Model: ECO ELYO 9 kW

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Astralpool Eco Elyo-09 Pool Heat Pump. Please read this manual thoroughly before installation and use, and keep it for future reference. The Eco Elyo-09 is designed to maintain your pool at an ideal temperature, offering high performance and energy efficiency through its Full Inverter technology.

2. SAFETY INFORMATION

Always adhere to local electrical codes and regulations. Installation and servicing should only be performed by qualified personnel. Disconnect power before performing any maintenance or service. Do not operate the unit if any part is damaged. Keep children and pets away from the unit during operation. Ensure proper ventilation around the heat pump.

- Do not block air inlets or outlets.
- Ensure the unit is properly grounded.
- Keep flammable materials away from the heat pump.
- Do not attempt to repair the unit yourself. Contact qualified service personnel.

3. PRODUCT OVERVIEW

The Astralpool Eco Elyo-09 is an advanced pool heat pump featuring Full Inverter technology for optimal energy consumption and quiet operation. It is equipped with a digital control panel and offers remote management capabilities via Bluetooth and Wi-Fi through the Fluidra Pool app.

Figure 3.1: Front view of the Astralpool Eco Elyo-09 Pool Heat Pump, showing the main unit with its fan grille and integrated control panel.

Figure 3.2: The Eco Elyo-09 Heat Pump, designed to maintain perfect water temperature effortlessly using advanced technology.

Figure 3.3: Illustration of the three operating modes: Ecosilence for quiet, energy-saving operation; Smart for automatic power adjustment based on temperature; and Boost for rapid temperature increase.

Figure 3.4: The Eco Elyo-09 model with a 7 kW power level, suitable for heating pools up to 55 cubic meters.

Figure 3.5: The heat pump features Bluetooth and Wi-Fi connectivity, allowing users to control all settings remotely via the Fluidra Pool application.

4. SETUP AND INSTALLATION

4.1 Unpacking

Carefully remove the heat pump from its packaging. Inspect the unit for any signs of shipping damage. Report any damage to your supplier immediately.

4.2 Placement

Choose a location with adequate airflow, away from direct sunlight and heat sources. Ensure there is sufficient clearance around the unit for maintenance and proper air circulation (minimum 50 cm from walls or other obstructions). The unit should be placed on a solid, level surface capable of supporting its weight (42 kg).

4.3 Electrical Connection

All electrical wiring must comply with local regulations and be performed by a qualified electrician. Ensure the power

supply matches the unit's requirements (1000 watts). Install a dedicated circuit breaker and a residual current device (RCD) for safety.

4.4 Plumbing Connection

Connect the heat pump to your pool's filtration system. The heat pump should be installed after the filter and before any chemical feeders. Use appropriate plumbing fittings and ensure all connections are watertight. A bypass valve kit is recommended for easier maintenance and flow adjustment.

5. OPERATING INSTRUCTIONS

The Eco Elyo-09 heat pump offers intuitive control via its integrated digital panel and remote management through the Fluidra Pool app.

5.1 Control Panel

The digital control panel allows you to power the unit on/off, select operating modes, and set the desired water temperature. Refer to the on-screen prompts for navigation.

5.2 Operating Modes

- **Boost Mode:** Provides rapid heating to quickly reach the desired temperature. Ideal for initial heating or when a quick temperature increase is needed.
- **Smart Mode:** Automatically adjusts the compressor and fan speed based on the current water temperature and desired set point. This mode balances heating performance with energy efficiency.
- **Ecosilence Mode:** Prioritizes energy saving and quiet operation by optimizing the compressor and fan speeds for minimal power consumption and noise. Suitable for maintaining temperature once the desired level is reached.

5.3 Temperature Adjustment

Use the up/down arrows on the control panel or within the Fluidra Pool app to set your desired pool water temperature. The unit will automatically work to achieve and maintain this temperature.

5.4 App Connectivity (Bluetooth & Wi-Fi)

Download the Fluidra Pool app from your device's app store. Follow the in-app instructions to pair your heat pump via Bluetooth or connect it to your home Wi-Fi network. This allows for remote monitoring and control of your heat pump's settings from anywhere.

6. MAINTENANCE

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

6.1 Regular Cleaning

- Keep the area around the heat pump clear of debris, leaves, and other obstructions.
- Clean the evaporator coil regularly with a soft brush or low-pressure water spray to remove dirt and dust.
- Wipe down the exterior casing with a damp cloth. Do not use harsh chemicals.

6.2 Winterization

If you live in an area with freezing temperatures, it is crucial to properly winterize your heat pump to prevent damage. Consult a professional for proper winterization procedures, which typically involve draining water from the unit and covering it.

6.3 Seasonal Checks

Before each swimming season, inspect all electrical connections, plumbing, and the general condition of the unit. Ensure there are no leaks or unusual noises during operation.

7. TROUBLESHOOTING

This section provides solutions to common issues. For problems not listed here, contact customer support.

Problem	Possible Cause	Solution
Heat pump not turning on	No power supply; Circuit breaker tripped; Control panel error	Check power connection; Reset circuit breaker; Consult manual for error codes or contact support
Insufficient heating	Dirty evaporator coil; Low water flow; Incorrect temperature setting; Ambient temperature too low	Clean coil; Check pump and filter; Adjust temperature setting; Note operating temperature limits (-5°C minimum)
Unusual noise	Loose components; Fan obstruction; Compressor issue	Inspect for loose parts; Clear obstructions; Contact qualified technician
Water leakage	Loose plumbing connections; Condensation (normal); Internal leak	Tighten connections; Condensation is normal, ensure proper drainage; For internal leaks, contact technician

8. SPECIFICATIONS

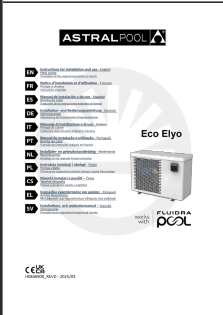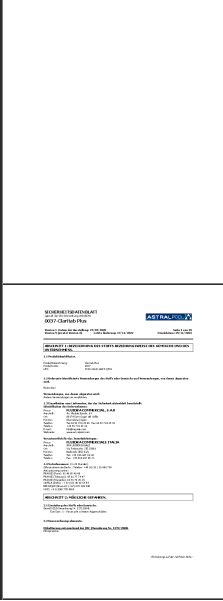Key technical specifications for the Astralpool Eco Elyo-09 Pool Heat Pump.

Feature	Specification
Model Number	ECO ELYO 9 kW
Manufacturer	ASTRALPOOL
Heating Capacity	7 kW
Electrical Power	1000 watts
Dimensions (L x W x H)	83.1 x 65.4 x 39.3 cm
Product Dimensions (Amazon)	100 x 100 x 100 cm
Weight	42 kg
Operating Temperature	Down to -5°C
Connectivity	Bluetooth, Wi-Fi (Fluidra Pool App)
Recommended Pool Volume	Up to 55 m³ (for 7 kW model)

9. WARRANTY AND SUPPORT

Your Astralpool Eco Elyo-09 Pool Heat Pump comes with a manufacturer's warranty. Please refer to the warranty card included with your purchase for specific terms, conditions, and duration. For technical support, spare parts, or warranty claims, please contact your authorized Astralpool dealer or visit the official Astralpool website for contact information.

For additional resources and product information, you may visit the Astralpool Brand Store on Amazon.

Related Documents - ECO ELYO 9 kW

	[Astralpool Eco Elyo Heat Pump Quick Start Guide](#) Get started with your Astralpool Eco Elyo heat pump. This quick start guide covers essential installation, operation, and maintenance information for efficient swimming pool heating.
	[AstralPool Eco Elyo Heat Pump Installation and User Manual](#) Comprehensive guide for installing, operating, and maintaining the AstralPool Eco Elyo heat pump. Covers installation, operation, safety, maintenance, and troubleshooting for pool heating systems.
	[Astralpool Eco Elyo Pool Heat Pump Quick Start Guide](#) Get started with your Astralpool Eco Elyo pool heat pump. This quick start guide covers installation, operation, maintenance, and troubleshooting for efficient pool heating.
	[Sicherheitsdatenblatt ASTRALPOOL 0037-Claritab Plus](#) Sicherheitsdatenblatt für ASTRALPOOL 0037-Claritab Plus, ein Flockungsmittel zur Wasseraufbereitung. Enthält Informationen zu Gefahren, Handhabung, Lagerung und Erste-Hilfe-Maßnahmen gemäß EU-Verordnung 2020/878.

	[AstralPool E25 & E35 Salt Chlorinator Installation and Operating Instructions](#) Comprehensive installation and operating instructions for the AstralPool E25 & E35 Salt Chlorinator. Learn about setup, programming, maintenance, and troubleshooting for optimal pool sanitization.
	[AstralPool Viron EQ Salt Chlorinator: Installation and Operating Instructions](#) Comprehensive guide for installing, operating, and maintaining the AstralPool Viron EQ Salt Chlorinator with Bluetooth. Covers setup, pool chemistry, Ai Mode, and troubleshooting for optimal pool sanitization.