

Gre HPGIC75

Gre HPGIC75 Full Inverter Pool Heat Pump User Manual

Model: HPGIC75

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Gre HPGIC75 Full Inverter Pool Heat Pump. Please read these instructions carefully before installation, operation, or maintenance to ensure proper use and to prevent damage to the unit or injury.

2. PRODUCT OVERVIEW AND FEATURES

The Gre HPGIC75 is a Full Inverter heat pump designed for heating swimming pools up to 75 cubic meters. Its advanced technology optimizes energy consumption and reduces noise levels by adjusting the operating speed based on the pool water temperature.



Image 1: Front view of the Gre HPGIC75 Full Inverter Pool Heat Pump, showcasing its compact design and central fan.

Key Features:

- **Full Inverter Technology:** Continuously adjusts compressor and fan speed for optimal energy efficiency and reduced noise.
- **Wi-Fi Connectivity:** Integrated Wi-Fi allows remote monitoring and control via the iAqualink+ application.
- **iAqualink+ App:** Provides real-time data on water and air temperature, operating mode, and performance reports.
- **Three Operating Modes:** Selectable modes to suit various heating needs.
- **Included Accessories:** Condensation kit, winter cover, and anti-vibration pads for installation.

3. SETUP AND INSTALLATION

The Gre HPGIC75 heat pump is designed for straightforward installation. While assembly is not required for the main unit, proper placement and connection to your pool's filtration system are crucial. It is recommended to have a qualified professional perform the installation to ensure compliance with local regulations and optimal performance.

Installation Steps:

1. **Placement:** Position the heat pump on a stable, level surface, ensuring adequate airflow around the unit. Use the provided anti-vibration pads to minimize noise and vibration.

2. **Water Connections:** Connect the heat pump to your pool's filtration system. Ensure the water inlet (IN) and outlet (OUT) connections are correctly plumbed.



Image 2: Close-up of the water inlet ('IN') and outlet ('OUT') connections on the side of the heat pump, with warning labels visible.

3. **Electrical Connection:** Connect the heat pump to a dedicated electrical circuit as per local electrical codes. Refer to the product specifications for power requirements.



Image 3: Detail of the pressure gauge and power supply connection points on the heat pump's rear panel.

4. **Condensation Drainage:** Install the condensation kit to manage water runoff from the unit.
5. **Initial Start-up:** After all connections are secure, turn on the pool pump to ensure water flow through the heat pump before powering on the unit.

4. OPERATING MODES

The Gre HPGIC75 offers three distinct operating modes, allowing you to optimize performance based on your specific needs. These modes can be selected via the integrated control panel or the iAqualink+ application.



Image 4: Close-up of the digital control panel with protective cover, used for setting operating parameters.



Image 5: A smartphone screen showing the iAqualink+ application interface, demonstrating remote control and monitoring capabilities for the heat pump.

- **Eco-Silence Mode:** This mode prioritizes energy savings and quiet operation. The heat pump runs at reduced power, making it ideal for maintaining the desired water temperature with minimal noise and energy consumption.
- **Smart Mode:** In Smart mode, the heat pump automatically adjusts its power output based on the current water temperature and the set target temperature. This provides a balance between heating speed and energy efficiency.
- **Boost Mode:** For rapid heating, Boost mode operates the heat pump at maximum power. This is suitable when you need to quickly reach the desired pool temperature, especially after initial fill or significant temperature drops.

5. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your Gre HPGIC75 heat pump.

- **Seasonal Cleaning:** Keep the area around the heat pump clear of debris, leaves, and other obstructions to ensure proper airflow. Periodically clean the fan blades and evaporator coils.
- **Winterization:** Before the cold season, drain all water from the heat pump and plumbing to prevent freezing damage. Use the provided winter cover to protect the unit from harsh weather conditions.

- **Inspection:** Regularly check all connections for leaks and ensure electrical wiring is secure and undamaged.

6. TROUBLESHOOTING

If you encounter issues with your heat pump, consider the following basic troubleshooting steps:

- **No Power:** Check the circuit breaker and ensure the unit is properly plugged in.
- **Insufficient Heating:** Verify that the desired temperature is set correctly. Ensure the pool pump is running and there is adequate water flow through the heat pump. Check for any blockages in the water circulation system.
- **Unusual Noise:** Inspect the fan for any obstructions. Ensure the unit is placed on a stable surface and the anti-vibration pads are correctly installed.
- **App Connectivity Issues:** Ensure your home Wi-Fi network is active and the heat pump is within range. Restart the heat pump and your mobile device.

For persistent issues, consult a qualified technician or contact Gre customer support.

7. SPECIFICATIONS

Technical details for the Gre HPGIC75 Full Inverter Pool Heat Pump:

Specification	Detail
Model Number	HPGIC75
Brand	Gre
Product Dimensions (L x W x H)	1 x 1 x 1 cm (approx. 10L x 10l x 10H millimeters)
Weight	56 kilograms
Material	Metal
Capacity	Up to 75 cubic meters (for pools)
Color	Black
Shape	Rectangular
Included Components	Condensation kit, winter cover, anti-vibration pads
Assembly Required	No (for main unit)
Special Feature	Full Inverter Technology, Wi-Fi connectivity, iAqualink+ app for remote monitoring
Country of Origin	Portugal



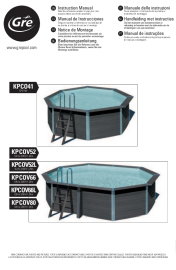
Image 6: Visual representation of the heat pump's capacity (75m³) and operational temperature range (down to -7°C).

8. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the documentation provided with your purchase or contact the seller directly. Gre typically offers a manufacturer's warranty covering defects in materials and workmanship under normal use.

For technical support, spare parts, or service inquiries, please contact your authorized Gre dealer or visit the official Gre website for customer service contact details.

Related Documents - HPGIC75

	Gre Swimming Pool Installation and Safety Manual Comprehensive guide from Gre for installing and safely using your composite frame swimming pool, covering models like KPC041, KPC052, and KPC053. Includes safety precautions, warranty information, and step-by-step assembly instructions.
	GRE ORANGE 800007 Wooden Swimming Pool: Instruction Manual & Assembly Guide Official instruction manual for the GRE ORANGE 800007 above-ground wooden swimming pool. Provides detailed assembly steps, installation guidance, maintenance tips, safety precautions, and warranty information from GRE.
	Gre RBR75 Robotic Pool Cleaner: Instruction Manual & Guide Comprehensive instruction manual for the Gre RBR75 rechargeable battery-powered robotic pool cleaner. Learn about assembly, operation, charging, maintenance, troubleshooting, and safety guidelines for your swimming pool cleaning robot.
	Gre CFAQ35 Cartridge Filter with Aqualoon: Instruction Manual Comprehensive instruction manual for the Gre CFAQ35 Cartridge Filter with Aqualoon. Covers safety, installation, operation, maintenance, and warranty for optimal pool water purification.
	Gre Pool Pump Instruction Manual Comprehensive instruction manual for Gre self-priming swimming pool pumps, covering installation, operation, safety, and troubleshooting for models PP032, PP052, and PP077.
	Gre Digital Display Thermometer - User Manual and Instructions Comprehensive guide for the Gre Digital Display Thermometer (Ref. THP24), covering features, usage, battery replacement, warranty, and environmental disposal. Includes safety warnings and instructions.

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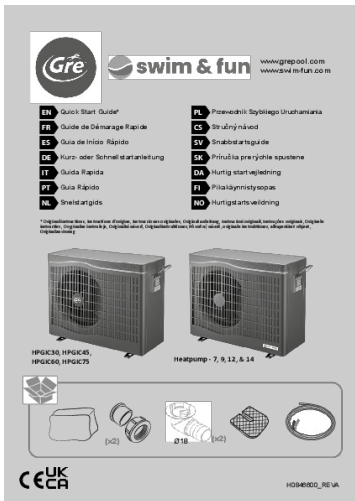
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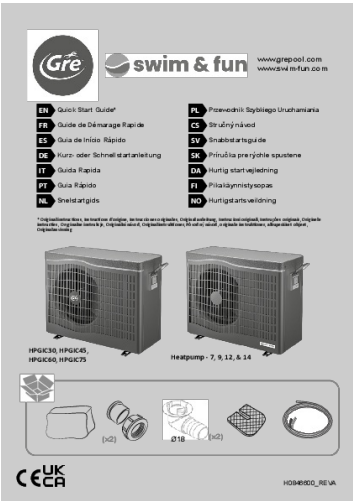
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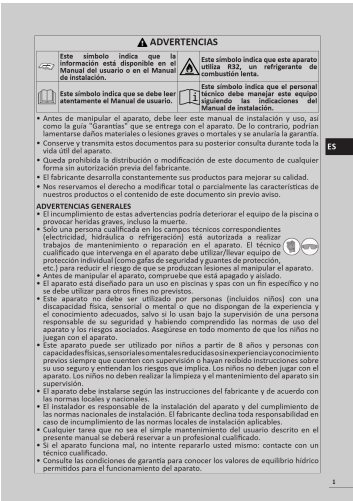
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BOMBA DE CALOR POMPA D'INVERTORE

La bomba de calor **inverter** es un sistema de calefacción eficaz y económica que permite calentar todo el piscina y poder utilizarla todo el año.

La bomba de calor **inverter** es un sistema de calefacción que permite calentar todo el piscina y poder utilizarla todo el año.

Pool's < 30m³ HPGIC30

Bomba de calor Full Inverter con conectividad - hasta 30 m³
Para piscinas de aguas frías y climatizadas, climatización de piscinas

DIMENSIONES DIMENSIONES 85x 38,3 x 64,8 cm	PESO PESO 49 kg	COP COP 5 - 13,4 (a 24°- 30° humedad) 5 - 6,4 (a 10°- 30° humedad)	TEMPERATURA MIN/MAX TEMPERATURA MIN/MAX 18-30°C / 5-30°C
VOLTAJE 220V / 50Hz - 60Hz / 50Hz	POTENCIA DE CALOR POTENCIA DE CALOR 5 kW	TEMPERATURA MIN/MAX TEMPERATURA MIN/MAX 18-30°C / 5-30°C	REFRIGERANTE (R32) REFRIGERANTE (R32) 300 g
CONECTORES CONECTORES Ø32 mm	POTENCIA ABSORVIDA POTENCIA ABSORVIDA 4,5-2,0 kW (a 24°- 30° humedad) 3,5-1,4 kW (a 10°- 30° humedad)	VOLUMEN MAXIMO DE PISCINA VOLUMEN MAXIMO DE PISCINA 30 m ³	CONECTIVIDAD CONECTIVIDAD WIFI APP AQUALINK
CARACTERÍSTICAS Características: - Temporizador y controlador de flujo de caudal y refrigeración.	REQUISITOS DE INSTALACIÓN Requisitos de instalación: - Instalación en un lugar protegido y ventilado.	REQUISITOS DE INSTALACIÓN Requisitos de instalación: - Instalación en un lugar protegido y ventilado.	REQUISITOS DE INSTALACIÓN Requisitos de instalación: - Instalación en un lugar protegido y ventilado.

*Confirme de funcionamiento. Detalle entre la temperatura que se entrega de la bomba y la que se suministra.

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FICHA TÉCNICA DE PRODUCTO

 **Productos QP**

QUIMICAMP PISCINAS FLOCNCLOR TLOCNTE LÍQUIDO

DESCRIPCIÓN Y USOS

Producto para precipitar la materia en suspensión, que no modifica el pH del agua.

PROPIEDADES

Aspecto:	Líquido
Oloro:	Amoriatado
Densidad (20 °C):	1,058 ± 0,03
pH (2%):	3,5 - 5

COMPONENTES ACTIVOS

Policloruro sódico 60% de aluminio 13%

MODO DE EMPLEO Y DOSIS

Las dosis varían comprendiendo entre 0,225 y 0,750 l por m³ de agua, dependiendo de las características de turbidez y utilización de la piscina, se aplica directamente sobre la piscina o haciendo una dilución previa.

Se efectúan entre un pH elevado en el agua pH 6-7 durante el tratamiento con el floculante. Una vez clarificado el agua de la piscina, recomendamos el pH a los valores normales (pH 7-8).

APLICACIONES

La finalidad de este producto es exclusivamente el tratamiento de aguas de la piscina, no pudiéndose aplicar fuera de este ámbito.

INFORMACIÓN COMPLEMENTARIA

Esta data es orientativa ya que depende de la turbidez del agua del agua de la piscina.
No Afirma ser un fármaco de consumo humano.

En la vida de todos los días para preservar y el medio ambiente, siga las instrucciones de uso.

PRODUCTO QP S.A.
c/a Argués, 40 de 1^a planta - 08005 Sant Joan de Vilatorrada (Barcelona)
903 70 70 70 - 93 70 70 70 - comercial@quimicamp.com

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