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Biral 7000001831

Biral HE-circulatiepomp PrimAX T2 25-5 180 RED G 1 1/2 230V met warmte-isolerende schaal

Brand: Biral



PRODUCT OVERVIEW

The Biral HE-circulatiepomp PrimAX T2 25-5 180 RED G 1 1/2 230V with heat-insulating shell is a high-efficiency circulation pump designed for heating systems. The PrimAX T2 model is known for its above-average energy efficiency, making it a reliable and economical choice for various applications.

Key Features

- Nominal width DN 25, maximum head H max. 5 m.
- Installation length 180 mm.
- Threaded connection G 1 1/2 inch.
- Maximum operating pressure 10 bar.
- Medium temperature range: minimum +2 °C to maximum +110 °C.
- Ambient temperature range: 0 - 40 °C.
- Net weight 2 kg.
- High energy efficiency (EEI value).

PRODUCT VISUALS



Image: The Biral PrimAX T2 circulation pump, featuring its black heat-insulating shell and integrated control panel with display and adjustment buttons. The threaded connections are visible at the top and bottom.

SETUP GUIDE

Proper installation is crucial for the optimal performance and longevity of your Biral PrimAX T2 circulation pump. It is highly recommended that installation be performed by a qualified professional to ensure compliance with local regulations and safety standards.

- Preparation:** Ensure the heating system is depressurized and cooled down. Isolate the section where the pump will be installed.
- Mounting Position:** Install the pump in a horizontal position with the motor shaft horizontal to prevent air pockets and ensure proper lubrication.
- Connections:** Connect the pump to the heating system pipes using the G 1 1/2 inch threaded connections. Ensure all connections are sealed properly to prevent leaks.
- Electrical Connection:** Connect the pump to a 230V power supply according to the wiring diagram provided in the full technical manual (not included here). Ensure the power supply is disconnected before making any electrical connections.

5. **Insulation:** The pump comes with a heat-insulating shell. Ensure it is properly fitted to maximize energy efficiency and prevent heat loss.

6. **Filling and Venting:** After installation, refill the heating system and carefully vent all air from the system, including the pump, to prevent dry running and noise.

OPERATING INSTRUCTIONS

The Biral PrimAX T2 pump is designed for user-friendly operation. Once properly installed and powered, the pump will begin circulating the heating medium. The integrated control panel allows for adjustment of operating modes and settings.

- **Power On:** After electrical connection, switch on the power supply to the pump. The display will illuminate, indicating the pump is active.
- **Mode Selection:** Use the control buttons on the display to cycle through available operating modes (e.g., constant pressure, proportional pressure, fixed speed). Refer to the pump's display for current settings and indicators.
- **Performance Adjustment:** Depending on the selected mode, you can adjust the desired head or speed using the up/down buttons. The display will show the current performance parameters.
- **Monitoring:** The display provides real-time information on pump status, energy consumption, and flow rate (if applicable).

MAINTENANCE

Regular maintenance ensures the efficient and reliable operation of your Biral PrimAX T2 circulation pump. Always disconnect the power supply before performing any maintenance tasks.

- **Visual Inspection:** Periodically check the pump and connections for any signs of leaks, corrosion, or damage.
- **Cleanliness:** Keep the pump and its surroundings clean and free from dust and debris to ensure proper ventilation.
- **System Water Quality:** Ensure the heating system water quality is maintained according to manufacturer recommendations to prevent scale buildup and corrosion within the pump.
- **Professional Check:** It is advisable to have the heating system, including the pump, inspected by a qualified technician annually.

TROUBLESHOOTING

If you encounter issues with your Biral PrimAX T2 circulation pump, refer to the following common troubleshooting steps. For complex problems, contact a qualified professional.

Problem	Possible Cause	Solution
Pump not running / No display	No power supply; Blown fuse; Internal fault.	Check power connection and circuit breaker. Replace fuse if necessary. If problem persists, contact service.
Pump running, but no circulation	Air in system; Closed valves; Blockage in pipes or pump.	Vent the heating system and pump. Check if all necessary valves are open. Inspect for blockages (professional assistance may be required).

Problem	Possible Cause	Solution
Unusual noise from pump	Air in system; Cavitation; Incorrect mounting; Worn bearings.	Vent the system thoroughly. Ensure sufficient system pressure. Check mounting for vibrations. If noise persists, professional inspection is needed.
Pump leaking	Loose connections; Damaged seals.	Tighten connections. If seals are damaged, professional repair or replacement is required.

TECHNICAL SPECIFICATIONS

Attribute	Value
Manufacturer	Biral
Part Number	7000001831
Package Dimensions	19 x 18 x 13 cm
Item Model Number	7000001831
Batteries Required	No
ASIN	B0CPM9VFK7
First Available Date	December 6, 2023
Nominal Width	DN 25
Max. Head (H max.)	5 m
Installation Length	180 mm
Threaded Connection	G 1 1/2 inch
Max. Operating Pressure	10 bar
Medium Temperature Min.	+2 °C
Medium Temperature Max.	+110 °C
Ambient Temperature	0 - 40 °C
Net Weight	2 kg

WARRANTY INFORMATION

This product comes with a return policy allowing for refunds or replacements within 30 days from the date of purchase. For detailed warranty terms and conditions, please refer to the documentation provided with your product or contact the seller directly.

CUSTOMER SUPPORT

For technical assistance, troubleshooting beyond this guide, or warranty claims, please contact the seller or manufacturer. You can reach the seller, Selfio, Do it yourself. Aber do it richtig, through their Amazon seller page:

