

## IMI HEIMEIER xc

# IMI HEIMEIER Thermostatic Head and Valve Set (Model xc) Instruction Manual

Brand: IMI HEIMEIER | Model: xc

## INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your IMI HEIMEIER Thermostatic Head and Valve Set. Please read these instructions carefully before installation and use to ensure proper function and safety. This set is designed for precise temperature control in heating systems.

## PRODUCT COMPONENTS

The IMI HEIMEIER Thermostatic Head and Valve Set typically includes the following components:

- **Thermostatic Head:** M30 x 1.5 connection, with a temperature setting range of 6 °C to 28 °C. This component senses room temperature and adjusts the valve accordingly.
- **Thermostat Valve:** Heimeier Calypso 1/2 inch. This valve regulates the flow of heating water to the radiator.
- **Return Screw Connection:** Corner shape, for connecting the return pipe.



Image 1: Overview of the IMI HEIMEIER Thermostatic Head and Valve Set, showing the white thermostatic head and two metallic valve components.

## SETUP AND INSTALLATION

Installation should be performed by a qualified professional. Ensure the heating system is depressurized and cooled before beginning installation.

1. **Prepare the Radiator:** Ensure the existing valve is removed and the pipe connections are clean and free of debris.
2. **Install the Thermostat Valve:** Screw the Heimeier Calypso 1/2 inch thermostat valve into the flow pipe connection of the radiator. Use appropriate sealing materials (e.g., PTFE tape or hemp) to ensure a watertight connection.
3. **Install the Return Screw Connection:** Attach the corner-shaped return screw connection to the return pipe of the radiator. Again, ensure proper sealing.
4. **Attach the Thermostatic Head:** Once the valve body is securely installed, align the thermostatic head (M30 x 1.5) with the

valve body. Screw the head onto the valve body until it is hand-tight. Do not overtighten.



Image 2: Close-up view of the two metallic valve components, showing their threaded connections.



Image 3: Close-up view of the white IMI HEIMEIER Thermostatic Head, showing the M30 x 1.5 connection and temperature markings.

## OPERATING INSTRUCTIONS

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The thermostatic head allows you to set the desired room temperature. The markings on the head correspond to different temperature ranges:

- **Snowflake Symbol (Frost Protection):** Approximately 6 °C. Prevents the room from freezing.
- **Settings 1 to 5:** Correspond to increasing temperatures, typically from 12 °C to 28 °C. Each number represents an approximate temperature setting.

To adjust the temperature, simply rotate the thermostatic head to the desired setting. The head will automatically regulate the hot water flow to maintain the selected room temperature.

## MAINTENANCE

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The IMI HEIMEIER Thermostatic Head and Valve Set requires minimal maintenance. Regular checks can ensure optimal performance:

- **Cleaning:** Wipe the thermostatic head with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Function Check:** Periodically rotate the head through its full range of settings to ensure smooth operation and prevent sticking, especially before the heating season.
- **Leak Inspection:** Visually inspect the valve connections for any signs of water leakage. Address any leaks immediately.

## TROUBLESHOOTING

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If you experience issues with your thermostatic head and valve set, consider the following common problems and solutions:

- **Radiator Not Heating:**
  - Ensure the thermostatic head is set to a high enough temperature.
  - Check if the valve pin is stuck. Remove the thermostatic head and gently press the pin on the valve body. It should move freely. If stuck, try to free it by gently tapping or lubricating.
  - Verify that the main heating system is operational and there is hot water circulation.
- **Radiator Always Hot (Even on Low Setting):**
  - The valve pin might be stuck in the open position. Follow the steps above to check and free the pin.
  - Ensure the thermostatic head is correctly mounted and fully engaged with the valve body.
- **Leaks at Connections:**
  - Tighten connections carefully, ensuring not to overtighten.
  - If tightening does not resolve the issue, the sealing material may need to be replaced. This should be done by a qualified professional.

For persistent issues, contact a qualified heating technician.

SPECIFICATIONS

Manufacturer	IMI HEIMEIER
Model Number	xc
ASIN	B08HS8P3BT
Thermostatic Head Connection	M30 x 1.5
Temperature Setting Range	6 °C - 28 °C
Thermostat Valve Size	1/2 inch (Heimeier Calypso)
Return Connection Type	Corner shape
Package Dimensions	5.2 x 4.49 x 2.64 inches
Item Weight	1.11 pounds
Batteries Required	No


SAFETY INFORMATION

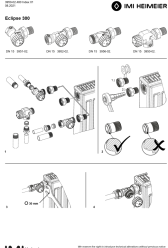
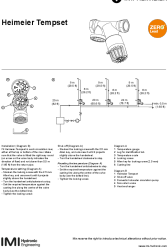

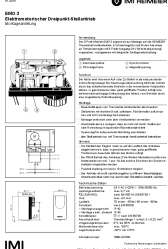

- Always ensure the heating system is depressurized and cooled before attempting any installation or maintenance.
- Installation should only be carried out by competent individuals or qualified professionals.
- Do not use excessive force when tightening connections to avoid damaging components.
- Keep packaging materials away from children to prevent suffocation hazards.



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Related Documents - xc

	<p><a href="#">IMI Heimeier Eclipse 300</a></p> <p>IMI Heimeier Eclipse 300</p>
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 <p><b>Eclipse 300</b></p> <p>IMI Heimeier</p>	<p><a href="#">IMI Heimeier Eclipse 300: Technical Data, Installation, and Specifications</a></p> <p>Comprehensive technical data, installation guidance, and performance specifications for the IMI Heimeier Eclipse 300 thermostatic valve actuator, essential for HVAC system design and maintenance.</p>
 <p><b>Heimeier Tempset</b></p> <p>IMI Heimeier</p>	<p><a href="#">Heimeier Tempset Installation and Operation Guide</a></p> <p>Comprehensive guide to installing and operating the IMI Heimeier Tempset thermostatic mixing valve, including diagrams and step-by-step instructions for temperature setting and shut-off.</p>
 <p><b>Dynatec Eclipse</b></p> <p>Floor Heating Manifold</p> <p>IMI Heimeier</p>	<p><a href="#">IMI Heimeier Dynatec Eclipse Floor Heating Manifolds</a></p> <p>IMI Heimeier Dynatec Eclipse is a floor heating manifold with automatic flow control, designed for individual room temperature control and efficient hydraulic balancing. This document details its features, technical specifications, operation, and available accessories.</p>
 <p><b>IMO 3</b></p> <p>IMI HEIMEIER</p>	<p><a href="#">IMI HEIMEIER EMO 3 Motorized Three-Point Actuator Installation Guide</a></p> <p>Installation instructions for the IMI HEIMEIER EMO 3 motorized three-point actuator, detailing its application, function, mounting, and technical specifications for use with HEIMEIER thermostatic valves.</p>
 <p><b>Multilux</b></p> <p>Robinets thermostatiques pour raccordement aux radiateurs</p> <p>IMI Heimeier</p>	<p><a href="#">IMI HEIMEIER Multilux : Robinets Thermostatiques pour Radiateurs</a></p> <p>Découvrez le robinet thermostatique IMI HEIMEIER Multilux, une solution polyvalente pour les systèmes de chauffage monotube et bitube. Ce corps de robinet à deux points, compatible avec les raccords R1/2 et G3/4, offre des options de finition et des fonctionnalités avancées pour une régulation de chauffage efficace.</p>