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## EMKE HTRV-DEVC

# EMKE HTRV-DEVC Valve Tap Block Set with Thermostat Instruction Manual

Model: HTRV-DEVC

## 1. INTRODUCTION

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This manual provides essential information for the safe and efficient installation, operation, and maintenance of your EMKE HTRV-DEVC Valve Tap Block Set with Thermostat. Please read these instructions carefully before installation and retain them for future reference.

### 1.1 Safety Information

- Ensure all installation work is performed by a qualified professional in accordance with local building codes and regulations.
- Turn off the main water supply and heating system before beginning any installation or maintenance.
- Wear appropriate personal protective equipment (PPE) during installation.
- Do not modify the product in any way, as this may void the warranty and create safety hazards.
- Keep packaging materials out of reach of children.

## 2. PRODUCT OVERVIEW

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The EMKE HTRV-DEVC Valve Tap Block Set is designed for efficient control of heating systems, featuring a thermostat head for precise temperature regulation. It is suitable for various radiator and towel rail applications.

### 2.1 Key Features

- First-class coating process, color: White, Material: Brass.
- Two pipe arm for all 50 mm center connectors, connection thread G 1/2 inch.
- Thermostat head is easy to rotate and regulates flawlessly with 7 adjustable gearboxes.
- Corner and grommet performance: suitable for pipes from the wall or from the floor.

- Suitable for EMKE radiator and towel rail products.

## 2.2 Product Components

The set includes the valve block, thermostat head, and necessary connection fittings. The main valve body is constructed from high-quality brass with a durable white coating.



Image 1: Overview of the EMKE Valve Tap Block Set with Thermostat.

Das hochwertige Produkt gehörte zu den Prioritäten unseres Zieles.



- ☑ Aus hochwertigem Einstück Messing gemacht
- ☑ Mehrschichtiges galvanisches Chrom

Image 2: Exploded view showing the individual components of the valve block, including the brass core, seals, and thermostat head.

### 3. SETUP AND INSTALLATION

The EMKE Valve Tap Block Set offers flexible installation options for both corner and pass-through configurations, accommodating pipes from the wall or floor.

#### 3.1 Connection Types

The valve block is designed for 50 mm center connectors with a G 1/2 inch connection thread. Ensure compatibility with your existing heating system pipes.

## Rohre aus dem Boden



Thermostatkof links



Thermostatkof rechts

## Rohre aus dem Wand



Thermostatkof links



Thermostatkof rechts

Image 3: Illustration of different pipe connection configurations (from floor and wall) and thermostat head orientations (left/right).

### 3.2 Installation Examples

The valve block can be installed in various orientations to suit your radiator or towel rail setup.

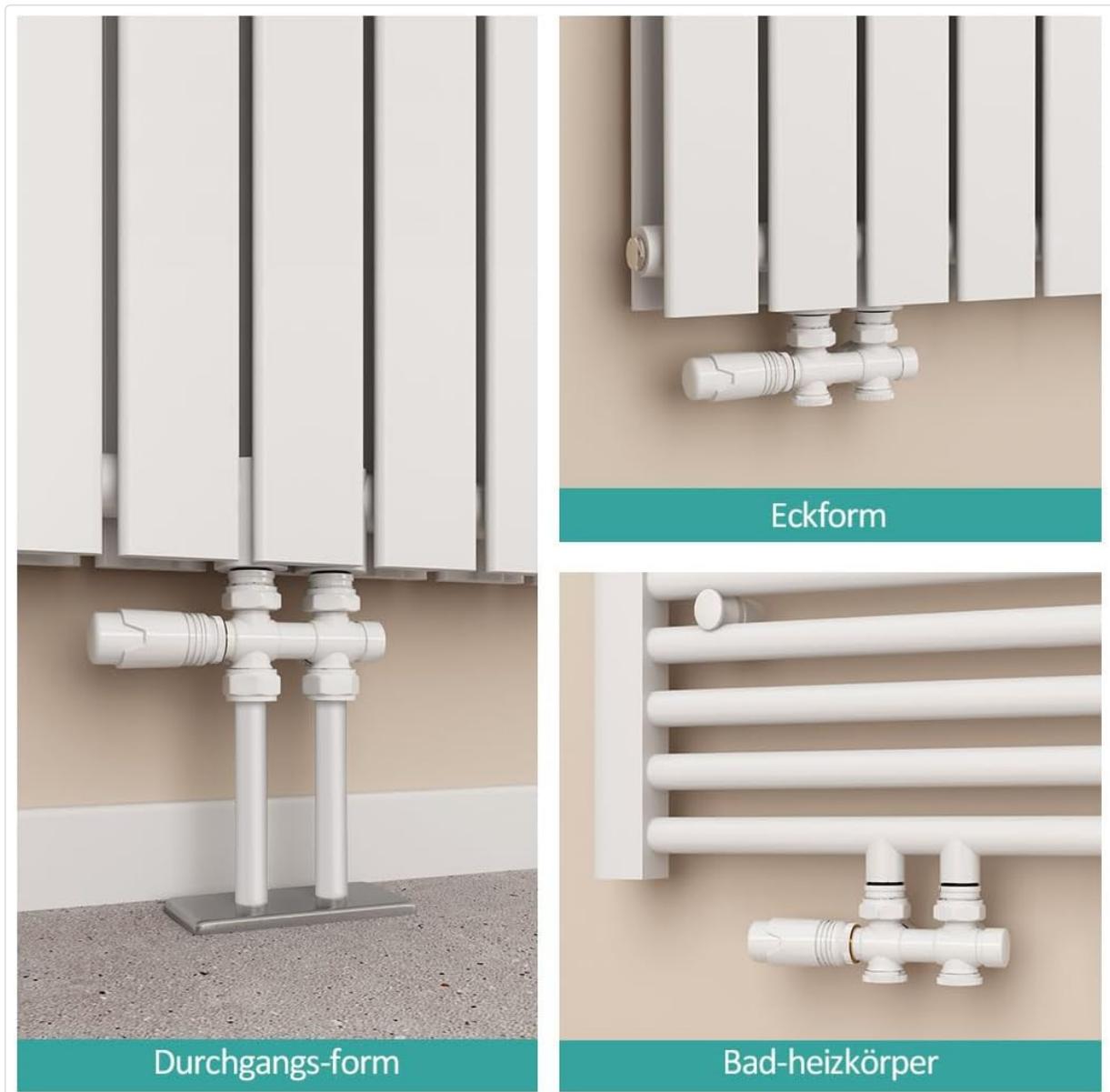


Image 4: Examples demonstrating the valve block installed in corner (Eckform), pass-through (Durchgangs-form), and towel radiator (Bad-heizkörper) configurations.

### 3.3 Installation Steps (General)

1. Prepare the radiator and pipe connections. Ensure surfaces are clean and free of debris.
2. Apply appropriate sealing materials (e.g., PTFE tape) to threaded connections.
3. Connect the valve block to the radiator and the heating pipes, ensuring a secure and leak-free fit.
4. Mount the thermostat head onto the valve block.
5. Slowly refill the heating system and check for any leaks.
6. Bleed the radiator to remove any trapped air.

## 4. OPERATING INSTRUCTIONS

The thermostat head allows for precise control of the room temperature by regulating the flow of hot water to the radiator.

### 4.1 Adjusting the Thermostat

The thermostat head features 7 adjustable settings, allowing you to select your desired room temperature. Rotate the head to align the desired setting with the indicator mark.

# Der Thermostatkopf lässt sich einfach regeln.



Einstellskala	*	1	2	3	4	5	MAX
Sollwertbereich	7°C	12°C	16°C	20°C	24°C	28°C	30°C

Image 5: Thermostat head with adjustment scale and corresponding temperature ranges.

## Thermostat Settings and Approximate Temperatures

Setting	Approximate Temperature
* (Frost Protection)	7°C
1	12°C
2	16°C
3	20°C
4	24°C
5	28°C
MAX	30°C

The \*\* setting provides frost protection, preventing the room temperature from dropping below approximately 7°C.

## 5. MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your EMKE Valve Tap Block Set.

- Periodically check all connections for leaks. Tighten if necessary.
- Clean the exterior of the valve block and thermostat head with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- Ensure the thermostat head can rotate freely.
- If the heating system is drained for an extended period, ensure the valve is in the fully open position to prevent sticking.

## 6. TROUBLESHOOTING

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If you experience issues with your EMKE Valve Tap Block Set, consider the following common troubleshooting steps:

- **No Heat or Insufficient Heat:**
  - Check if the thermostat head is set to a sufficiently high temperature.
  - Ensure the heating system is operational and the main valves are open.
  - Bleed the radiator to remove any trapped air.
  - Verify that the valve pin is not stuck. Gently press the pin on the valve body (after removing the thermostat head) to ensure it moves freely.
- **Leaks:**
  - Immediately turn off the water supply to the radiator.
  - Check all threaded connections for proper tightening and sealing. Re-apply sealing tape if necessary.
  - If leaks persist, contact a qualified plumber.
- **Thermostat Head Not Responding:**
  - Ensure the thermostat head is correctly mounted and securely fastened to the valve body.
  - If the issue persists, the thermostat head may need replacement.

For issues not resolved by these steps, please contact EMKE customer support or a qualified heating technician.

## 7. SPECIFICATIONS

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Detailed technical specifications for the EMKE HTRV-DEVC Valve Tap Block Set.

- **Manufacturer:** EMKE
- **Part Number:** HTRV-DEVC
- **Product Dimensions:** 18.5 x 15 x 14 cm
- **Item Weight:** 1.82 kg
- **Size:** 2 Pieces
- **Colour:** White
- **Item Package Quantity:** 1

- **Specification Met:** CE, WRAS
- **Included Components:** Multiblock, German installation instructions (Note: English instructions provided in this manual)
- **Batteries Required:** No
- **Inlet Connection Type:** G 1/2 (Thread)
- **Number of Ports:** 2

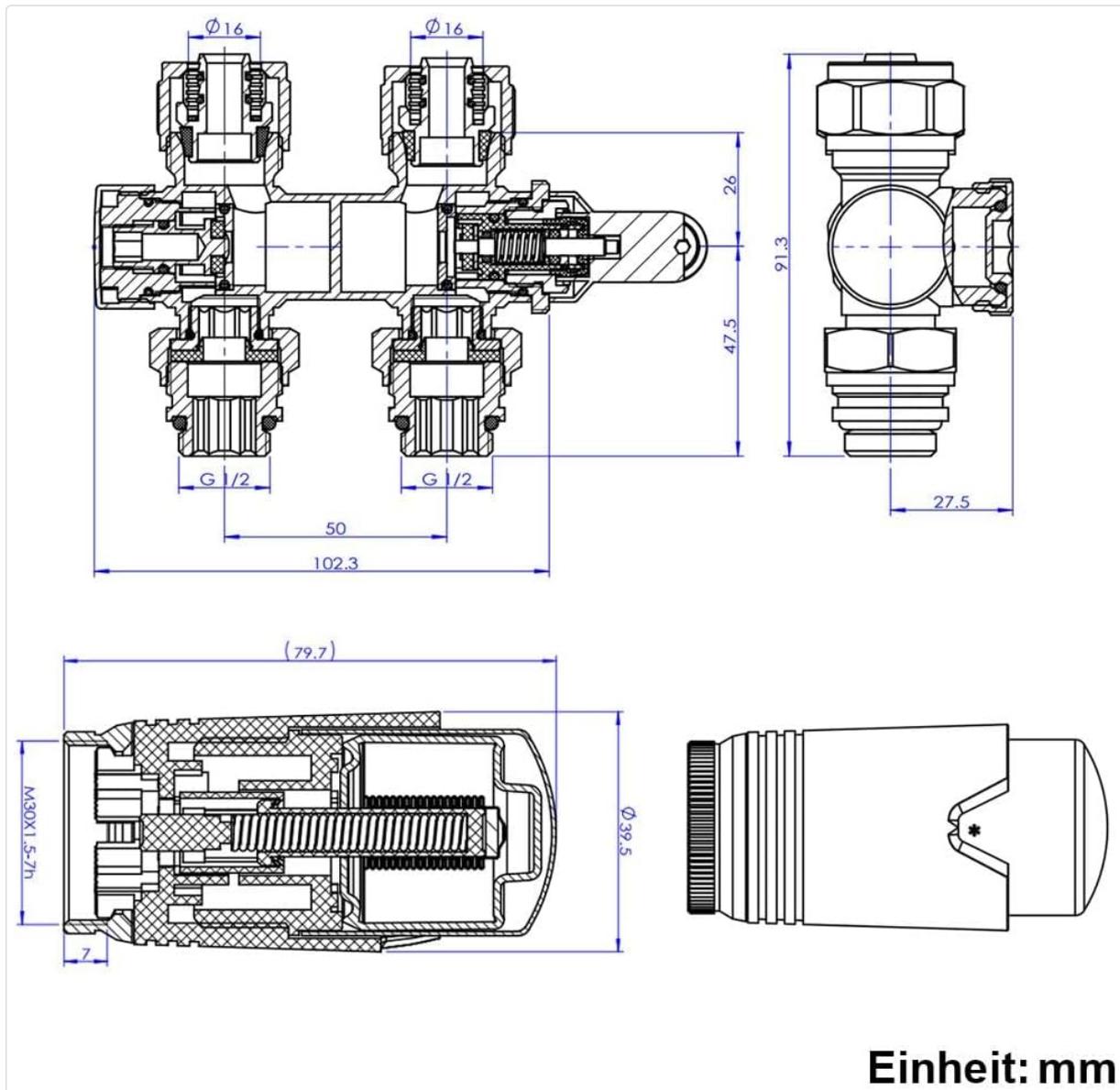


Image 6: Technical drawing illustrating the dimensions and internal structure of the valve block and thermostat head (Unit: mm).

## 8. WARRANTY AND SUPPORT

EMKE products are manufactured to high-quality standards. For warranty information or technical support, please refer to the purchase documentation or contact EMKE customer service directly. Keep your proof of purchase for any warranty claims.

