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> EMKE Flat Panel Radiator 630x616mm, Single Layer, White (Model FR6361W-DRVC)

EMKE FR6361W-DRVC

EMKE Flat Panel Radiator User Manual

Model: FR6361W-DRVC | Brand: EMKE

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your EMKE Flat Panel Radiator. Please read these instructions carefully before installation and retain them for future reference.

The EMKE Flat Panel Radiator is designed for rapid and uniform heating of various rooms, including living rooms, bedrooms, and bathrooms. Its construction ensures efficient heat distribution and long-term reliability.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage:

- Installation must be performed by a qualified professional in accordance with local building and plumbing regulations.
- Ensure the wall structure can support the weight of the radiator when filled with water.
- Do not cover the radiator with clothing or other materials, as this can impede heat dissipation and pose a fire hazard.
- Keep children and pets away from the hot surface of the radiator during operation.
- Before any maintenance or repair, ensure the heating system is turned off and the radiator has cooled down.
- This radiator operates with hot water and is designed for silent, radiation-free operation.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before beginning installation. The package typically includes:

- EMKE Flat Panel Radiator
- Mounting Kit (Wall brackets, long screws, rubber rings, rubber pads)
- User Manual (this document)

Zubehöre inbegriffen



Vierschichtige Verpackung

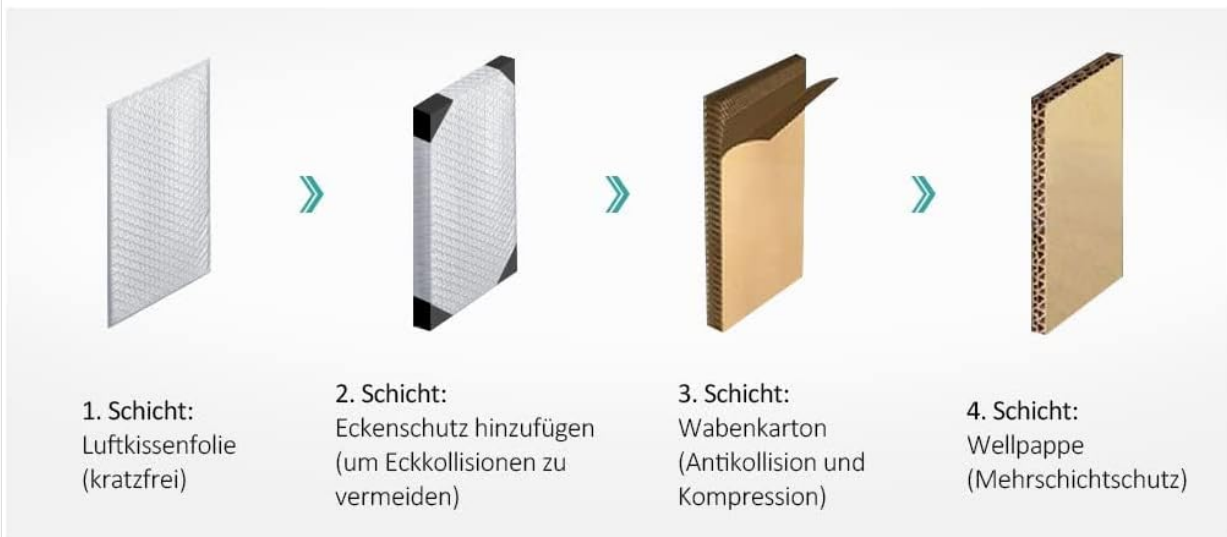


Image: Included accessories (wall brackets, screws, rubber rings, rubber pads) and a diagram illustrating the four-layer packaging for safe transport.

4. SETUP AND INSTALLATION

The EMKE Flat Panel Radiator is designed for flexible and easy installation. It does not require complex tools or specialized skills, but professional installation is recommended.

4.1 Pre-Installation Checks

- Ensure the wall dimensions are greater than the product dimensions.
- Verify that the wall's load-bearing capacity exceeds the product's weight.
- The product does not include valves; these must be acquired separately.

4.2 Connection Options

The radiator offers flexible connection options. The front and rear connectors can be positioned on three sides (excluding the left side). The connection thread is G1/2" with an axle distance of 50 mm.

Flexible Installation

Dieses Produkt enthält kein Ventil. Bitte besorgen Sie das pass

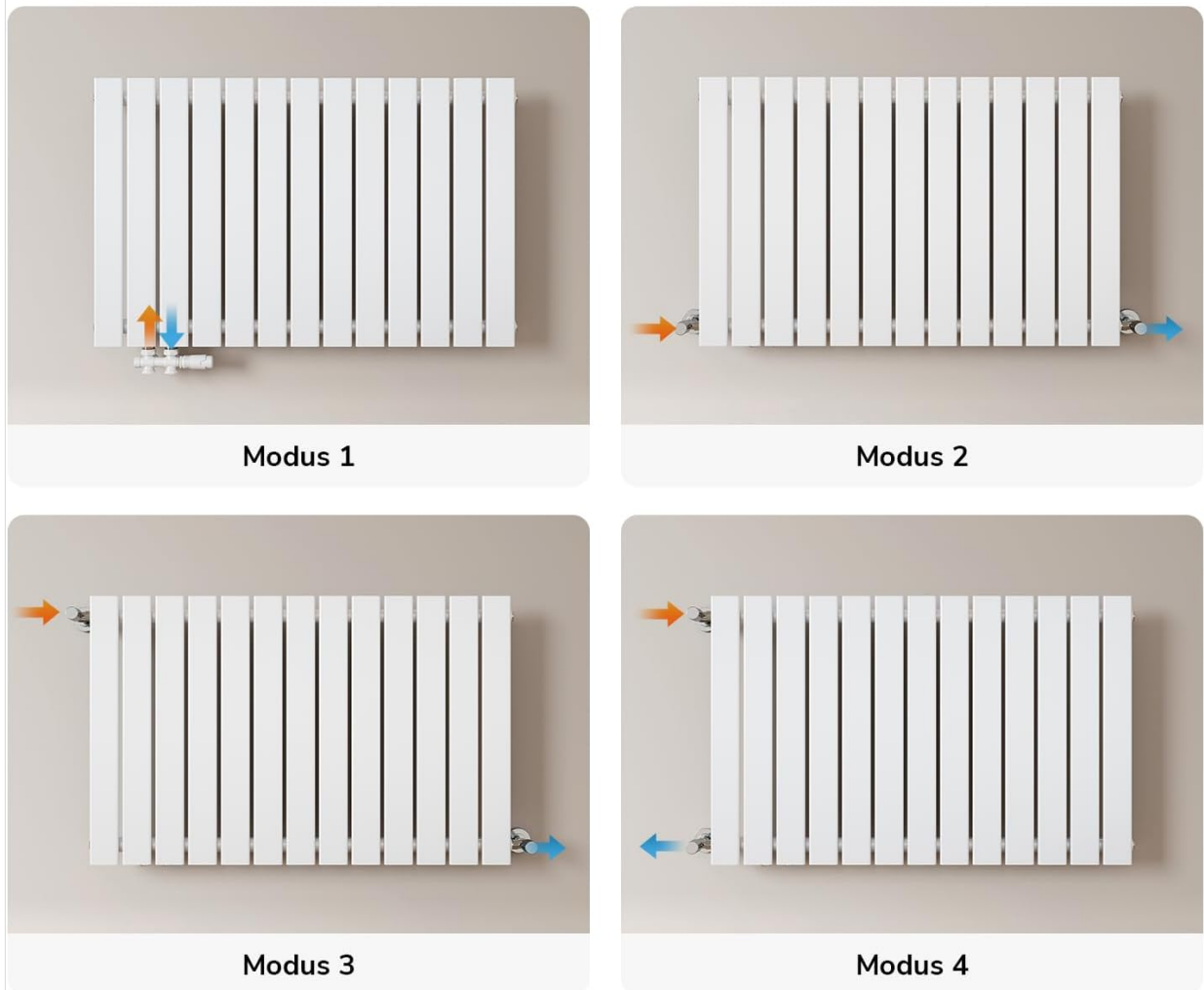


Image: Four different connection configurations (Modus 1, 2, 3, 4) for flexible installation of the radiator. Arrows indicate water flow direction.

For single-layer radiators, the mounting direction is fixed. Double-layer radiators can be mounted in either direction.

4.3 Mounting Steps (General)

1. Mark the desired mounting points on the wall according to the radiator's dimensions and the provided mounting kit.
2. Drill holes and insert wall plugs.
3. Secure the wall brackets using the long screws.
4. Carefully hang the radiator onto the brackets.
5. Connect the radiator to the heating system pipes using appropriate valves and fittings (G1/2" thread).
6. Bleed the radiator to remove any trapped air after filling the system.

5. OPERATING INSTRUCTIONS

The EMKE Flat Panel Radiator operates as part of a hot water central heating system. Once installed and connected, its operation is typically controlled by your central heating system's thermostat and valves.

- **Initial Startup:** After installation and filling the heating system, ensure all radiators are bled to remove air. This ensures efficient heating.
- **Temperature Control:** Adjust the room temperature using your central thermostat or by regulating the thermostatic radiator valves (TRVs) on individual radiators (if installed).
- **Efficient Heating:** The high thermal conductivity steel ensures the radiator heats up quickly and distributes warmth evenly.
- **Quiet Operation:** The hot water system operates silently, providing comfortable warmth without noise.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your EMKE radiator.

- **Cleaning:** Wipe the radiator surface with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the environmentally friendly surface coating.
- **Bleeding:** Periodically bleed the radiator to release any trapped air. Air in the system can reduce heating efficiency. This is typically done using a radiator key on the bleed valve.
- **Inspections:** Annually check for any signs of leaks or corrosion. The 360° seamless welding technology and protective coating are designed to prevent these issues, but regular checks are advisable.
- **System Checks:** Ensure your overall central heating system is maintained according to manufacturer guidelines.

7. TROUBLESHOOTING

If you encounter issues with your radiator, consider the following common solutions:

Problem	Possible Cause	Solution
Radiator not heating up fully (cold at top)	Trapped air	Bleed the radiator using a radiator key until water comes out.
Radiator not heating at all	Valve closed, system off, or system pressure low	Check if the thermostatic valve is open. Ensure central heating system is on and pressure is adequate.
Minor leaks from connections	Loose fittings	Tighten connections carefully. If leak persists, consult a professional.

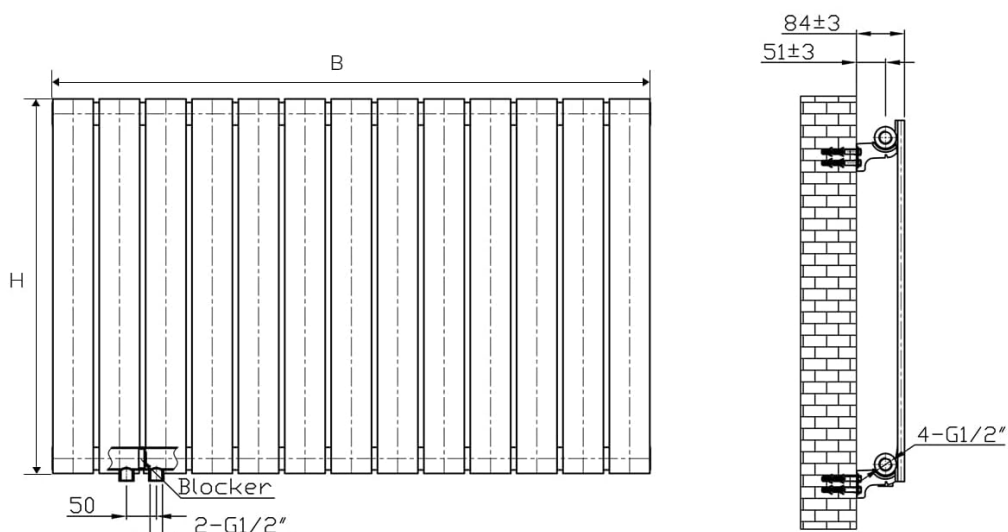
If problems persist, contact a qualified heating engineer or EMKE customer support.

8. SPECIFICATIONS

Detailed technical specifications for the EMKE Flat Panel Radiator (Model FR6361W-DRVC):

Feature	Detail
Brand	EMKE
Model Number	FR6361W-DRVC
Color	White - Single Layer

Feature	Detail
Product Dimensions (L x W x H)	63 x 62 x 4.9 cm
Net Weight	10.7 kg
Heating Output	438 W (for rooms up to approx. 4 m ²)
Construction	Horizontal, Single Layer, 8 Panels
Connection Thread	G1/2"
Axle Distance	50 mm
Wall Distance	85 mm
Material	High thermal conductivity steel with environmentally friendly coating
Manufacturing Standard	EN442, 360° seamless welding technology
Automatic Shut-off Function	No
Spare Parts Availability	Information unavailable
Date First Available	April 24, 2022



Größe Einzel/Doppel	Anzahl der Röhren	Höhe	Breite	Ausgangsleistung (Watt) $\Delta T=50$	Anwendbare Fläche (m^2)	Mitte-Maß der Wandhalterung (mm)	Nettogewicht (kg)
630x616x52	8	630	616	438	4	580	10.15
630x850x52	11	630	850	603	5	580	13.92
630x1006x52	13	630	1006	712	6	580	16.98
630x616x66	8x2	630	616	805	7	580	19.02
630x850x66	11x2	630	850	1106	10	580	25.77
630x1006x66	13x2	630	1006	1308	12	580	30.22

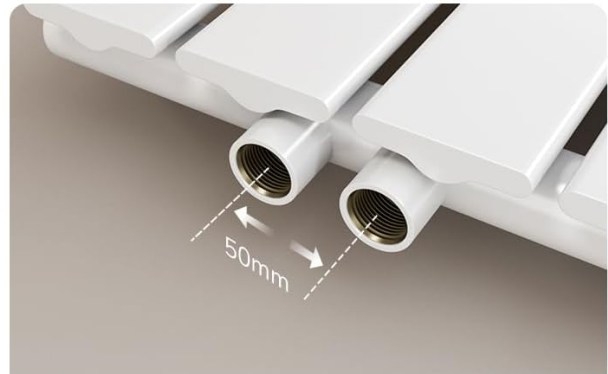
Image: Technical drawing showing radiator dimensions (height, width, depth, connection points) and a table detailing various radiator sizes, number of panels, heating output, applicable room area, and net weight.

Optimale Wärme im Bad

Heizung hocheffizient – für wohlige Wärme bei minimalem Energieverbrauch



Hochwertige Materialien
SPCC-Stahl + Umweltschutz beschichtung



Anschlussgewinde: G1/2"
Anschlussabstand: 50mm



360° Schweißverfahren
kann es das Austreten von Wasser wirksam verhindern

Image: Detailed views of the radiator's construction, including multi-layer materials, 1.5mm thickness, G1/2" connection thread with 50mm axle distance, and 360° seamless welding for leak prevention.

9. WARRANTY AND SUPPORT

EMKE products are manufactured to high standards and undergo rigorous quality control. For specific warranty details, please refer to the documentation provided with your purchase or contact EMKE customer support.

If you require technical assistance, have questions about installation, or need to report a defect, please contact EMKE customer service. Have your model number (FR6361W-DRVC) and purchase date ready when contacting support.

Contact information can typically be found on the EMKE official website or on your purchase receipt.