

Ferplast 87367000

Ferplast Dogvilla 110 Insulation Panels User Manual

Model: 87367000 | Brand: Ferplast

1. PRODUCT OVERVIEW

The Ferplast Insulation Panels for Dog Kennel Model DOGVILLA 110 are designed to enhance the thermal performance of your Dogvilla kennel. This kit provides a complete solution for insulating the kennel, offering protection against both cold winter temperatures and intense summer heat. The panels create a barrier that helps maintain a stable internal temperature, ensuring comfort for your pet year-round.

This kit includes six PVC insulation panels, one fixed side wall, and the necessary screws for installation. It is specifically designed for the Dogvilla 110 model kennel.

2. INCLUDED COMPONENTS

- 6 x PVC Insulation Panels
- 1 x Fixed Side Wall (to replace the opening side)
- Screws for installation



Figure 2.1: Contents of the Ferplast Dogvilla 110 Insulation Panels Kit, showing the six black PVC panels and the white fixed side wall.

3. SETUP AND INSTALLATION

The insulation panels are designed for easy application to the internal surfaces of your Dogvilla kennel. Proper installation ensures maximum thermal efficiency.

3.1. General Installation Principle

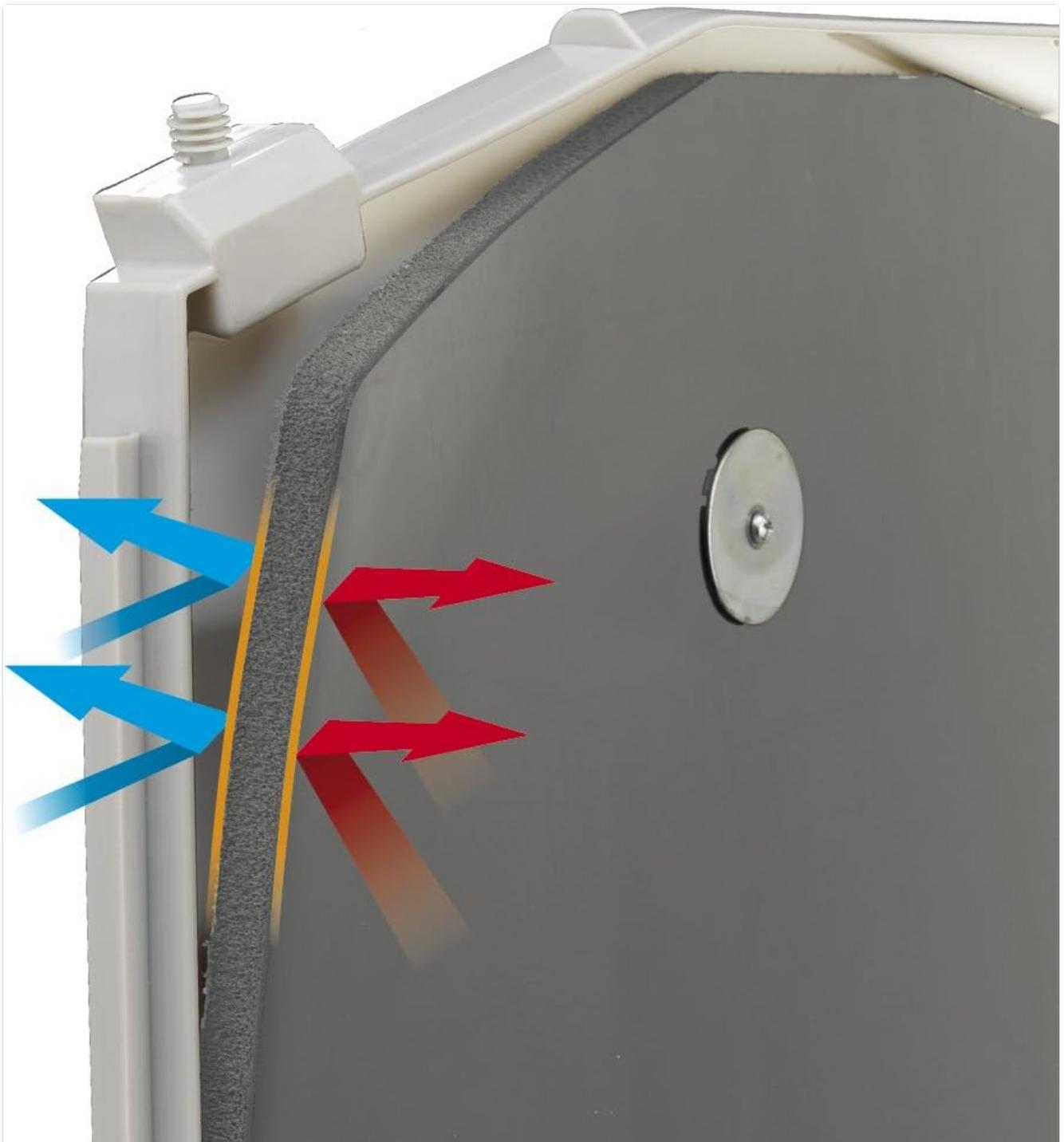


Figure 3.1: Diagram illustrating how the insulation panels work to block external temperatures (blue arrows for cold, red arrows for heat) from entering the kennel.

The panels create an insulating layer between the kennel wall and the interior, reducing heat transfer. This helps keep the inside warmer in winter and cooler in summer.

3.2. Winter Installation (Maximum Insulation)

1. **Prepare the Kennel:** Ensure the inside of your Dogvilla 110 kennel is clean and dry before installation.
2. **Install Wall Panels:** Apply one insulation panel to the internal part of each of the four walls. These panels are secured using the provided screws. Align the panels carefully with the internal structure of the kennel.
3. **Install Roof Panels:** Apply the remaining two insulation panels to the internal part of the roof sections. Secure them with screws.
4. **Replace Opening Side:** For optimal winter insulation, replace the kennel's opening side (door) with the provided fixed side wall. This creates a fully enclosed, insulated space.

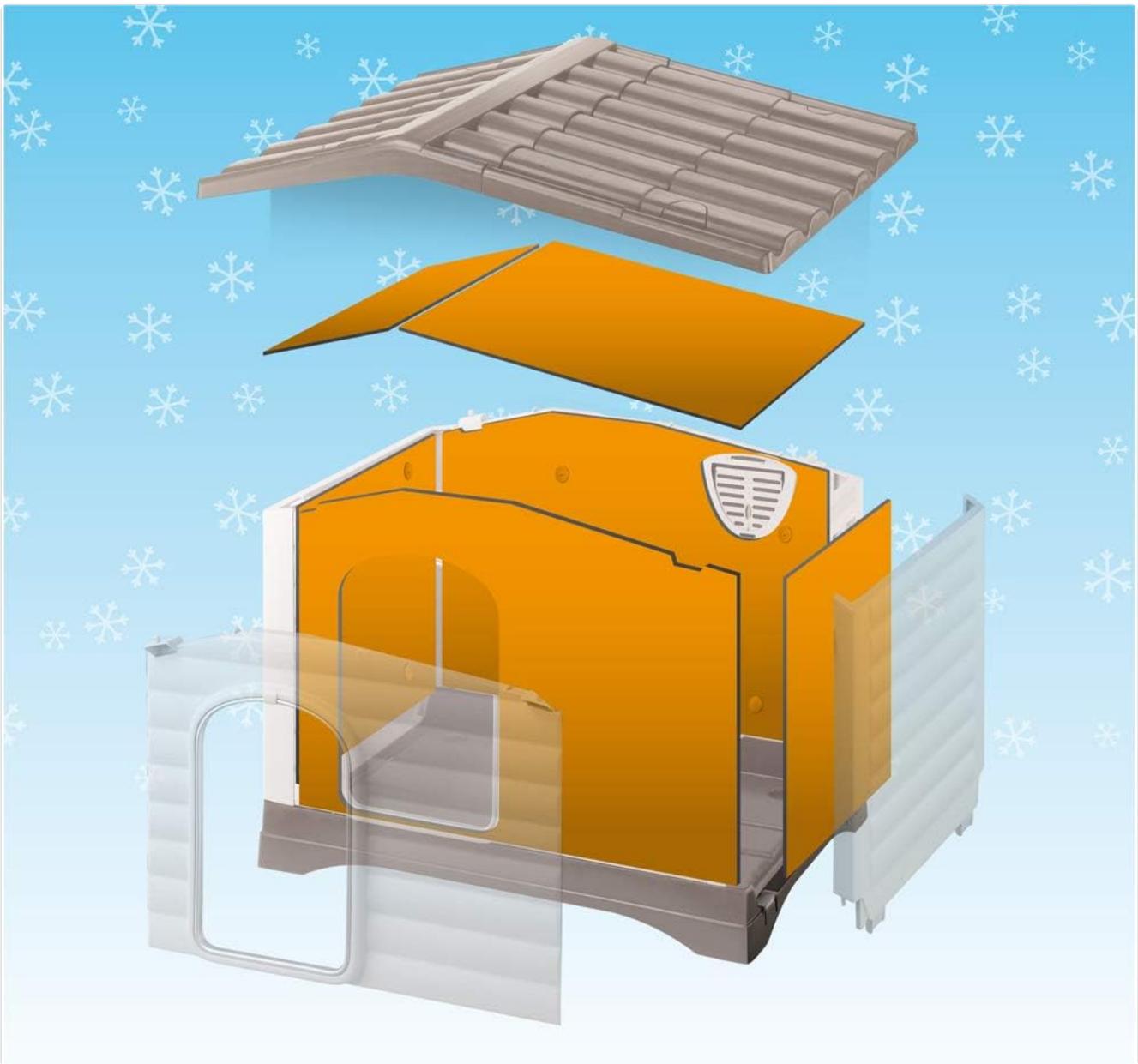


Figure 3.2: An exploded view of the Dogvilla kennel showing the placement of all six insulation panels (orange) for comprehensive winter protection, including the fixed side wall.

3.3. Summer Installation (Sun Protection)

In summer, the panels provide additional protection from the sun's rays, helping to keep the kennel cooler.

1. **Install Roof Panels:** Use two insulation panels and fix them under the roof of the kennel. This helps to block direct solar radiation from heating the interior.
2. **Optional Wall Panels:** Depending on the sun exposure and desired cooling, you may choose to install additional wall panels on sides that receive direct sunlight.



Figure 3.3: An exploded view of the Dogvilla kennel showing the placement of two insulation panels (orange) under the roof for summer sun protection.

3.4. Panel Attachment



Figure 3.4: A hand demonstrating the process of fitting an insulation panel into the interior of the Dogvilla kennel.

The panels are designed to fit snugly within the kennel's internal grooves. Use the provided screws to secure them firmly. Ensure all screws are tightened sufficiently to hold the panels in place without overtightening, which could damage the PVC.

4. OPERATING AND USAGE

Once installed, the Ferplast Insulation Panels operate passively to regulate the kennel's internal temperature. No active operation is required.

- **Winter Use:** With all six panels and the fixed side wall installed, the kennel's interior is significantly insulated, helping to retain heat generated by the pet and reduce heat loss to the cold exterior.
- **Summer Use:** By installing panels under the roof, the kennel gains additional protection from direct sunlight, preventing excessive heat buildup inside.

Adjust the number of panels used based on seasonal needs and local climate conditions for optimal comfort.

5. MAINTENANCE

The Ferplast Insulation Panels are made from durable PVC plastic and require minimal maintenance.

- **Cleaning:** The PVC material can be easily wiped clean with a damp cloth and mild detergent. Avoid abrasive cleaners or harsh chemicals that could damage the material.
- **Inspection:** Periodically check the panels and screws to ensure they remain securely in place. Re-tighten any loose screws if necessary.
- **Storage:** If removing panels for seasonal changes, store them in a clean, dry place to prevent damage or warping.

6. TROUBLESHOOTING

- **Panels do not fit perfectly:** Ensure you have the correct size insulation kit for your specific Dogvilla kennel model (this kit is for Dogvilla 110). Minor adjustments may sometimes be needed, but the panels are designed for a close fit.
- **Difficulty with screw installation:** Ensure the screws are properly aligned with the pre-drilled holes or designated attachment points. Do not force screws; if resistance is met, check alignment. Using a hand screwdriver rather than a power tool can provide better control.
- **Reduced insulation effectiveness:** Verify that all panels are securely installed and that the fixed side wall is properly in place for winter use. Ensure there are no significant gaps around the panels.

7. SPECIFICATIONS

Feature	Detail
Model Name	Ferplast Kit Of 6 Insulating Panels for Dog
Item Model Number	87367000
Brand	Ferplast
Material	Polyvinyl Chloride (PVC) Plastic
Color	Black
Size (L x W x H)	94 x 67 x 8 cm (Product Dimensions: 37.01 x 26.38 x 3.15 inches)
Item Weight	4.66 Kilograms (10.27 Pounds)
Included Components	6 insulation panels, 1 fixed side wall, screws

8. WARRANTY AND SUPPORT

Specific warranty information for the Ferplast Insulation Panels is not provided in this manual. For details regarding product warranty, please refer to the original purchase documentation or contact Ferplast customer support directly. For further assistance, technical support, or inquiries about your Ferplast product, please visit the official Ferplast website or contact their customer service department.

