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## Dam Easy DEFB200

# Dam Easy Door Dam Flood Barrier User Manual

Model: DEFB200

## 1. INTRODUCTION

The Dam Easy Door Dam Flood Barrier is an innovative solution designed to protect residential doorways from floodwaters. This system offers a quick and easy alternative to traditional flood defense methods, requiring no permanent fixtures or adhesives. It is engineered to provide a watertight seal, safeguarding your home and valuables during flood events.



Figure 1.1: Front view of the Dam Easy Door Dam Flood Barrier.

## 2. SAFETY INFORMATION

Please read and understand all safety instructions before installing or operating the Dam Easy Flood Barrier. Failure to follow these instructions may result in property damage or injury.

- Ensure the installation area is clear of debris and obstructions.
- Do not attempt to install or remove the barrier during active flooding or strong currents.
- Verify the barrier is securely in place and fully inflated before relying on its flood protection.
- Keep children and pets away from the barrier during installation and operation.
- The barrier is designed for freshwater flood protection. Prolonged exposure to saltwater may cause corrosion to metal components.

## 3. COMPONENTS AND SPECIFICATIONS

The Dam Easy Door Dam Flood Barrier system includes the main barrier unit and an inflation wrench. Key specifications are as follows:

- **Height:** 710mm (28 inches)
- **Adjustable Width:** 765mm - 1100mm (30.7 inches - 43.3 inches)
- **Depth:** 70mm
- **Weight (Dry):** 20kg (44 pounds)

# Size Guide

Our Flood Barrier Door Dams can be adjusted to fit most door ways



**Note:** If your entrance is **larger than 1100 mm** you will require to install an **extension pole** to connect multiple barriers.

Figure 3.1: Size Guide for the Dam Easy Flood Barrier, showing adjustable width and fixed height.

# Product Spec

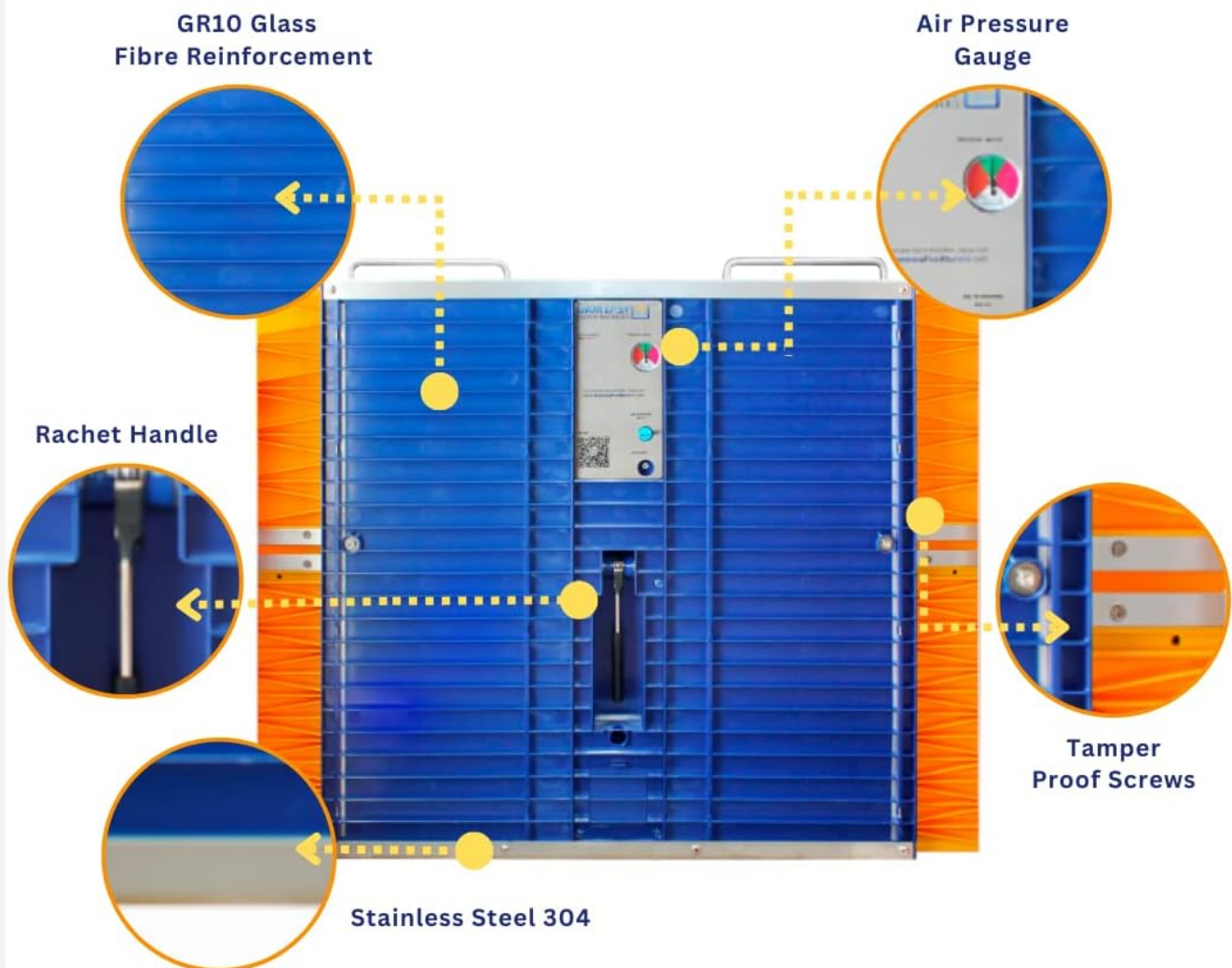


Figure 3.2: Product specifications highlighting key features such as the air pressure gauge, ratchet handle, and stainless steel components.

## 4. SETUP AND INSTALLATION

The Dam Easy Flood Barrier is designed for quick deployment, typically in under 5 minutes by one person. Follow these steps for proper installation:

- 1. Position the Barrier:** Place the barrier firmly into the doorway opening. Ensure the base of the barrier is flush with the ground and centered within the frame.
- 2. Extend Side Panels:** Use the integrated ratchet handle to extend the side panels outwards until they make firm contact with the door frame. This creates a snug fit.
- 3. Inflate the Seal:** Locate the air retention valve and turn it to the 'OPEN' position. Insert the inflation wrench into the designated slot and pump to inflate the internal seal. Continue pumping until the pressure gauge indicates the green zone, ensuring a watertight seal. Turn the air retention valve to 'CLOSE' to maintain pressure.

# Problems With Flooding?

We Have a Dam Easy® Solution



Figure 4.1: Visual representation of the 3-step installation process.



Figure 4.2: The Dam Easy Flood Barrier securely installed in an exterior doorway.



Figure 4.3: The Dam Easy Flood Barrier installed from the interior side of a doorway.

## Installation Video Guide

Video 4.1: A detailed video demonstrating the simple installation process of the Dam Easy Flood Barrier.

Video 4.2: Another official video illustrating the Dam Easy Flood Barrier installation steps.

## 5. OPERATING INSTRUCTIONS

Once installed, the Dam Easy Flood Barrier operates by maintaining its inflated seal against the door frame. No further action is required during a flood event beyond ensuring the pressure gauge remains in the green zone.

### Removing the Barrier

1. **Release Air:** Turn the air release valve to the 'OPEN' position to deflate the internal seal. You will hear air escaping.
2. **Retract Side Panels:** Once the seal is fully deflated, use the ratchet handle to retract the side panels.
3. **Remove Barrier:** Carefully lift and remove the barrier from the doorway.

## 6. MAINTENANCE

Proper maintenance ensures the longevity and effectiveness of your Dam Easy Flood Barrier.

- **Cleaning:** After each use, especially after exposure to floodwaters, clean the barrier thoroughly with fresh water and a mild detergent. Rinse all surfaces to remove dirt, mud, and any corrosive elements.
- **Drying:** Allow the barrier to dry completely before storage to prevent mold or mildew growth.
- **Inspection:** Regularly inspect the barrier for any signs of wear, tear, or damage to the seal, panels, or metal components. Pay close attention to the ratchet mechanism and the inflation system.
- **Saltwater Exposure:** If the barrier has been exposed to saltwater, it is crucial to rinse all metal parts with fresh water immediately and thoroughly dry them to prevent corrosion. Some users have reported issues with non-stainless steel components rusting after saltwater exposure, which can affect functionality.
- **Storage:** Store the barrier in its original protective bag in a cool, dry place away from direct sunlight and extreme temperatures.

## 7. TROUBLESHOOTING

If you encounter issues with your Dam Easy Flood Barrier, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Barrier does not hold pressure / gauge not in green zone.	Air retention valve is open or faulty; leak in the seal; improper inflation.	Ensure air retention valve is in 'CLOSE' position. Re-inflate the seal. Check for visible damage to the seal. Contact customer support if issue persists.
Side panels do not extend or retract smoothly.	Debris in the mechanism; corrosion; damaged ratchet.	Clean the side panel tracks and ratchet mechanism. Lubricate moving parts if necessary. Inspect for damage.
Water leakage around the barrier.	Insufficient inflation; improper placement; damaged seal.	Ensure pressure gauge is in green zone. Reposition the barrier for a tighter fit. Inspect the seal for punctures or tears.
Metal components show rust.	Exposure to saltwater or prolonged moisture without proper drying.	Thoroughly clean and dry all metal parts after each use, especially after saltwater exposure. Apply a rust-inhibiting lubricant if appropriate.

## 8. WARRANTY AND SUPPORT

Dam Easy Flood Barriers are designed for durability and reliability. For specific warranty information, please refer to the documentation included with your purchase or visit the official Dam Easy website. Protection plans are available for extended coverage.

### Customer Support

For technical assistance, replacement parts, or warranty claims, please contact Dam Easy customer support. Contact details can be found on the product packaging or the official website: [www.dameasyfloodbarriers.com](http://www.dameasyfloodbarriers.com)  
The manufacturer is Dameasy Flood Barrier.

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