

VENTILAIDER MAGNETIC VENT AIR DEFLECTOR User Manual & Troubleshooting Guide

Intended Use The Ventilaider Magnetic Vent Air Deflector is designed to redirect airflow from residential heating, ventilation, and air conditioning (HVAC) systems. This document provides essential instructions for use and solutions to common problems to ensure seamless operation.

Installation Instructions

1. **Clean the Register:** Before installation, wipe your metal vent register with a dry cloth to remove dust, pet hair, or household oils. A clean surface ensures maximum magnetic attraction.
2. **Attach the Deflector:** Place the deflector over the vent so that all three neodymium magnets make direct contact with the metal surface.

Safety Information & Operating Limits

- **Maximum Temperature Rating:** This product is designed for standard residential HVAC supply air. **Do not use this deflector on heating vents where the output air exceeds 120 degrees Fahrenheit.** Exposure to extreme temperatures exceeding this limit may cause the plastic to warp or compromise the magnetic adhesive bond.
- **Vent Compatibility:** The deflector relies on magnetic adhesion. It is strictly compatible with steel/ferrous metal vent registers. It will not attach to aluminum, wood, plastic, or fiberglass vent covers.

Troubleshooting Guide

- **Problem: The deflector will not stick to my vent or falls off.**
 - *Solution A:* Verify that your vent is made of steel. You can test this by seeing if a standard refrigerator magnet sticks to your vent. If it does not, your vent is likely aluminum or wood, and this product will not work.
 - *Solution B:* Ensure the vent surface is completely clean and flat. Built-up dust or heavily textured/curved vent grates can prevent the magnets from making a secure connection.
- **Problem: The plastic appears to be bending or warping.**
 - *Solution:* Immediately remove the deflector. This indicates your HVAC furnace is outputting air hotter than 120 degrees Fahrenheit, which exceeds the product's thermal operating limits.