

Vetro Ceramico ACQUATONDO PLUS 22

Vetro Ceramico Ceramic Glass User Manual

For EDILKAMIN ACQUATONDO PLUS 22 Fireplaces (61.3 cm x 51.8 cm, 4 mm Thickness)

Brand: Vetro Ceramico

1. PRODUCT OVERVIEW

This ceramic glass is specifically designed for EDILKAMIN Aquatondo Plus 22 fireplaces, measuring 61.3 cm x 51.8 cm with a thickness of 4 mm. It is a high-quality ceramic glass engineered for demanding thermal environments.

The glass is flat, with precision-ground and polished edges, ensuring a clear and unobstructed view of the fire. It is capable of withstanding extremely high temperatures, up to 760°C, making it ideal for use in fireplaces, stoves, and other heating appliances.

A key characteristic of this ceramic glass is its very low coefficient of thermal expansion. This property allows it to resist significant temperature variations without cracking, ensuring durability and safety. The glass is transparent, though it may exhibit a slight inherent color due to the manufacturing process. Both surfaces of the glass are smooth.



This image displays the Vetro Ceramico ceramic glass, highlighting its flat, transparent surface and polished edges, ready for installation in a fireplace.

2. SPECIFICATIONS

Feature	Detail
Brand	Vetro Ceramico
Model Compatibility	EDILKAMIN Aquatondo Plus 22
Dimensions	61.3 cm x 51.8 cm
Thickness	4 mm
Material	Ceramic Glass
Maximum Temperature Resistance	Up to 760°C
Color	Transparent (with slight inherent tint)
Surface Finish	Smooth on both sides
Manufacturer	vetreriaartigiana1967
Certifications	DIN EN ISO 9001, DIN EN ISO 14001

3. SETUP AND INSTALLATION

Proper installation is crucial for the safe and effective operation of your fireplace glass. If you are unsure about any step, consult a qualified professional.

Safety Precautions:

- Always wear appropriate personal protective equipment, including heavy-duty gloves and eye protection, when handling glass.
- Ensure the fireplace and all its components are completely cool before beginning installation.
- Work in a well-lit area.

Installation Steps:

- Remove Old Glass (if applicable):** Carefully remove any broken or old glass from the fireplace door frame. Collect all fragments and dispose of them safely.
- Clean the Frame:** Thoroughly clean the fireplace door frame where the glass will be seated. Remove any old gasket material, ash, soot, or debris to ensure a clean and flat surface for the new glass and gasket.
- Apply Gasket:** Apply a new high-temperature gasket material (not included) around the perimeter of the glass or within the frame channel, as recommended by your fireplace manufacturer. This gasket provides a seal and cushions the glass.
- Position the New Glass:** Carefully place the new Vetro Ceramico ceramic glass into the prepared frame. Ensure it is centered and sits evenly on the gasket.
- Secure the Glass:** Install the retaining clips, clamps, or screws that hold the glass in place. Tighten them gently and evenly. **Do not overtighten**, as this can cause stress on the glass and lead to cracking when heated. The glass should be held firmly but not rigidly.

6. **Final Check:** Close the fireplace door and ensure it latches properly. Inspect the glass for any signs of uneven pressure or misalignment.

4. OPERATING INSTRUCTIONS

Once the ceramic glass is installed, follow these guidelines for safe and effective operation of your fireplace.

Initial Use:

- For the first few uses after installation, gradually increase the temperature of the fire. Avoid building a very large, intense fire immediately. This allows the glass and gasket to settle and cure properly.

General Operation:

- **Fuel:** Use only recommended fuels for your fireplace (e.g., seasoned hardwood). Avoid burning trash, plastics, or treated wood, as these can produce harmful fumes and excessive heat that may damage the glass or fireplace.
- **Avoid Impact:** Do not strike the glass with logs, tools, or any other objects. Even though ceramic glass is durable, direct impact can cause it to break.
- **Temperature Management:** While the glass is highly heat-resistant, extreme and sudden temperature changes (thermal shock) should be minimized. For example, avoid splashing cold water on hot glass.
- **Air Wash System:** If your fireplace has an air wash system, ensure it is functioning correctly to help keep the glass clean during operation.

5. MAINTENANCE

Regular cleaning and inspection will prolong the life of your ceramic glass and maintain optimal viewing of your fire.

Cleaning:

- **Frequency:** Clean the glass as needed, typically when soot or creosote buildup obstructs the view.
- **Ensure Coolness:** Always ensure the glass is completely cool before attempting to clean it.
- **Cleaning Method:**
 - For light soot, a damp cloth dipped in fine wood ash can be effective. Gently rub the ash onto the glass, then wipe clean with a fresh damp cloth and dry with a paper towel.
 - For heavier buildup, use a specialized fireplace glass cleaner. Follow the product instructions carefully. Avoid cleaners containing ammonia or abrasives, as these can damage the glass surface.
- **Avoid Abrasives:** Never use abrasive pads, steel wool, or harsh chemicals, as these can scratch the glass.

Inspection:

- Periodically inspect the glass for any signs of cracks, chips, or damage. Even small cracks can propagate under heat.
- Check the condition of the gasket around the glass. If it appears worn, compressed, or damaged, it should be replaced to maintain a proper seal and protect the glass.
- Ensure all retaining clips or screws are still securely holding the glass without being overtightened.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your fireplace ceramic glass.

Issue: Glass is constantly dirty or black with soot.

- **Cause:** Incomplete combustion, wet wood, insufficient air supply, or a faulty air wash system.
- **Solution:** Ensure you are burning dry, seasoned wood. Check that the fireplace's air vents are open and clear. If applicable, inspect and clean the air wash system.

Issue: Smoke leaking around the glass.

- **Cause:** Damaged or improperly installed gasket, or loose retaining clips.
- **Solution:** Inspect the gasket for wear or damage and replace if necessary. Ensure the glass retaining clips or screws are tightened evenly (but not overtightened).

Issue: Glass cracking or breaking.

- **Cause:** Direct impact, overtightened retaining clips, thermal shock (sudden extreme temperature change), or manufacturing defect.
- **Solution:** Replace the glass immediately. Ensure proper installation with correct gasket and avoid overtightening. Be careful not to strike the glass with logs or tools. Avoid splashing cold liquids on hot glass.

7. WARRANTY AND SUPPORT

Specific warranty information for this Vetro Ceramico ceramic glass is not provided in the product details. For any warranty claims or detailed support, please retain your proof of purchase and contact the manufacturer, vetreriaartigiana1967, or your retailer directly.

For further assistance with product-related inquiries, refer to the contact information provided by your seller or the manufacturer.

This manual is for informational purposes only. Always follow the safety guidelines and instructions provided by your fireplace manufacturer.