

Airthereal AH20K Desiccant Dryer Replacement Cartridge

Airthereal AH20K Desiccant Dryer Replacement Cartridge User Manual

Model: AH20K Desiccant Dryer Replacement Cartridge | Brand: Airthereal

1. INTRODUCTION AND PRODUCT OVERVIEW

This manual provides essential information for the proper installation, function, and maintenance of your Airthereal AH20K Desiccant Dryer Replacement Cartridge. This cartridge is designed specifically for use with the Airthereal AH20K Ozone Laundry System.

The primary function of the desiccant dryer cartridge is to efficiently remove moisture from the air within the Ozone Laundry System. This process is crucial for maintaining the system's optimal performance and extending its operational lifespan by preventing moisture-related issues.



Image 1.1: Two Airthereal AH20K Desiccant Dryer Replacement Cartridges. These white cylindrical cartridges feature a threaded top and a red O-ring at the base, indicating they are ready for installation.

2. SAFETY INFORMATION

- **Read all instructions:** Before handling or installing the replacement cartridge, read this manual thoroughly.
- **Keep out of reach of children:** Store the cartridges in a safe place away from children and pets.
- **Do not ingest:** The desiccant material inside the cartridge is not for consumption. In case of accidental ingestion, seek immediate medical attention.
- **Proper disposal:** Dispose of used cartridges according to local waste disposal regulations. Do not incinerate.
- **Handle with care:** Avoid dropping or damaging the cartridge, as this may compromise its integrity and effectiveness.

3. PRODUCT COMPONENTS

Each package contains:

- 2 x Airthereal AH20K Desiccant Dryer Replacement Cartridges



Image 3.1: The desiccant dryer cartridge is shown detached from the main Airthereal Ozone Laundry System unit, highlighting its distinct cylindrical shape and connection point.

4. SETUP AND INSTALLATION

Follow these steps to replace the desiccant dryer cartridge in your Airthereal AH20K Ozone Laundry System:

1. **Power Off:** Ensure the Airthereal AH20K Ozone Laundry System is completely powered off and unplugged from the electrical outlet before beginning installation.
2. **Locate Cartridge Slot:** Identify the desiccant dryer cartridge slot on your AH20K Ozone Laundry System. Refer to your main system's manual for the exact location if needed.
3. **Remove Old Cartridge:** Carefully unscrew or unclip the old desiccant dryer cartridge from its housing. Dispose of the used cartridge responsibly.
4. **Prepare New Cartridge:** Remove the new replacement cartridge from its packaging. Ensure any protective seals or stickers are removed from the top of the cartridge before installation.
5. **Insert New Cartridge:** Align the new cartridge with the slot and gently push it into place. Twist or secure it until it is firmly seated and sealed. Do not overtighten.
6. **Verify Installation:** Double-check that the cartridge is securely installed to prevent any air leaks.
7. **Restore Power:** Plug the AH20K Ozone Laundry System back into the electrical outlet and power it on.

BUILT-IN DESICCANT DRYER

Maintain optimal performance by removing moisture from incoming air



Image 4.1: A close-up view illustrating the correct method for inserting the desiccant dryer cartridge into the designated slot on the Airthereal Ozone Laundry System. The cartridge is shown partially inserted, indicating the alignment required for proper installation.

GREEN & CLEAN LAUNDRY

Ozone Laundry Systems utilizes ozone (O₃) for environmentally-friendly cleaning, cutting detergent and chemical use by up to 75%



Image 4.2: This diagram highlights the importance of removing the protective sticker from the desiccant dryer cartridge slot before installing a new cartridge. The sticker is labeled 'REMOVE THIS STICKER BEFORE USE'.

5. OPERATION

Once installed, the desiccant dryer cartridge operates passively within the Airthereal AH20K Ozone Laundry System. Its primary function is to absorb moisture from the air that passes through it, ensuring that the internal components of the ozone system remain dry. This moisture removal is critical for the efficient generation of ozone and the overall longevity of the appliance.

No direct user interaction is required for the cartridge's operation after installation. The AH20K system will utilize the cartridge automatically during its normal functioning.

6. MAINTENANCE

Regular replacement of the desiccant dryer cartridge is essential for the continued optimal performance of your Airthereal AH20K Ozone Laundry System.

- **Replacement Frequency:** The lifespan of the desiccant cartridge can vary depending on humidity levels and frequency of use of the Ozone Laundry System. It is recommended to consult the main Airthereal AH20K Ozone Laundry System manual for specific replacement intervals. Generally, cartridges should be replaced when you notice a decrease in the system's efficiency or if the desiccant material shows signs of saturation (e.g., color change, if applicable).

- **Disposal:** Used cartridges should be disposed of in accordance with local environmental regulations. Do not attempt to open or refill the cartridge.

7. TROUBLESHOOTING

If you experience issues with your Airthereal AH20K Ozone Laundry System related to moisture or reduced performance, consider the following:

- **System Not Drying Effectively:** If the Ozone Laundry System appears to be less effective at its primary function, the desiccant dryer cartridge may be saturated and require replacement.
- **Check Installation:** Ensure the replacement cartridge is installed correctly and securely, as described in Section 4. An improperly seated cartridge can lead to inefficient moisture removal.
- **Consult Main System Manual:** For issues beyond cartridge replacement, refer to the comprehensive troubleshooting section of your Airthereal AH20K Ozone Laundry System's main user manual.

8. SPECIFICATIONS

Feature	Detail
Product Name	Desiccant Dryer Replacement Cartridge
Model Number	Hydrozone AH20K OG Filters
Brand	Airthereal
Dimensions (each)	Approximately 6 x 22 x 6 cm
Weight (total, 2-pack)	1.4 kg
Compatibility	Airthereal AH20K Ozone Laundry System

9. WARRANTY AND SUPPORT

For warranty information regarding your Airthereal AH20K Desiccant Dryer Replacement Cartridge, please refer to the warranty details provided with your original Airthereal AH20K Ozone Laundry System or visit the official Airthereal website. Replacement cartridges typically fall under the accessory warranty policy.

If you require technical support or have questions not covered in this manual, please contact Airthereal customer service through their official website or the contact information provided with your product documentation.

Airthereal Official Website: www.airthereal.com