

## Protec PWF2AM

# ProTec PWF2AM Humidifier Filter Replacement Instruction Manual

Model: PWF2AM

## 1. INTRODUCTION

This manual provides instructions for the proper installation, maintenance, and care of your ProTec PWF2AM Humidifier Filter Replacement. This wicking filter is designed to remove minerals and pollutants from water, contributing to cleaner moisture and improved air quality when used with compatible cool mist humidifiers.



Image 1.1: The ProTec PWF2AM humidifier filter shown with its packaging. The packaging highlights features such as inhibiting mold growth and removing minerals from water.

# Replacement Humidifier Wicking Filters

Includes  
3 Filters



Image 1.2: A close-up view of the wicking material and honeycomb structure of the ProTec humidifier filter.

Regular replacement of the filter is essential for maintaining optimal humidifier performance and ensuring the delivery of clean, humidified air.

## 2. KEY FEATURES

- **Mineral and Pollutant Removal:** Effectively removes minerals and other impurities from the water.
- **Mold Inhibition:** Treated to inhibit up to 99.99% of mold growth on the filter surface.
- **Extended Life Design:** Reinforced construction for longer filter life and sustained efficiency.



**Protec Treated Filter  
Inhibits up to 99.99%  
of Mold Growth on  
the Filter\***

\*Based on internal laboratory test report #SM211AF



Image 2.2: The side of the ProTec filter packaging detailing key features such as mineral removal, mold inhibition, and reinforced design.

### 3. COMPATIBILITY

The ProTec PWF2AM filter is compatible with various cool mist humidifiers. Refer to the list below and your humidifier's manual to confirm compatibility.



# For Use with Cool Mist Humidifiers



## Compatible with:

**Vicks®** V3100, V3500, V3500N, V3600,  
V3700, V3800, V3850, V3850JUV  
V3900 & V3900JUV, VEV320

**Kaz®** 3020

**Sunbeam®** 1118, 1119 & 1120

**Envirocaire®** ECM-250i, ECM-500

**ReliOn®** WA-8D

Image 3.1: A visual representation of humidifier models compatible with the ProTec PWF2AM filter, including various Vicks, Kaz, Sunbeam, Envirocaire, and ReliOn models.

Compatible Humidifier Models:

Brand	Models
Vicks®	V3100, V3500, V3500N, V3600, V3700, V3800, V3850, V3850JUV, V3900 & V3900JUV, VEV320
Kaz®	3020
Sunbeam®	1118, 1119 & 1120
Envirocaire®	ECM-250i, ECM-500
ReliOn®	WA-8D



Image 3.2: A Vicks Cool Mist Humidifier, model V3700, which is compatible with the ProTec PWF2AM filter.

## 4. INSTALLATION INSTRUCTIONS

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Follow these general steps to replace the humidifier filter. Always refer to your specific humidifier's instruction manual for detailed, model-specific instructions.

1. **Power Off and Unplug:** Before beginning, ensure your humidifier is turned off and unplugged from the power outlet to prevent electrical hazards.
2. **Disassemble Humidifier:** Carefully remove the water tank and any other components necessary to access the filter compartment.
3. **Remove Old Filter:** Locate the old wicking filter. Gently lift it out of its housing. Dispose of the old filter responsibly.
4. **Prepare New Filter:** Unpack the new ProTec PWF2AM filter. It is recommended to soak the new filter in cool water for 15-30 minutes before installation to ensure it is fully saturated. This helps with initial wicking performance.
5. **Install New Filter:** Place the saturated new filter into the filter compartment. Ensure it sits securely and correctly within its designated tray or slot. The filter should fit snugly to ensure proper air flow.
6. **Reassemble Humidifier:** Reattach all removed components, including the water tank. Ensure all parts are correctly aligned and secured.
7. **Refill Water Tank:** Fill the water tank with clean, cool water according to your humidifier's instructions.
8. **Power On:** Plug the humidifier back into the power outlet and turn it on. The humidifier may take some time to reach full mist output as the new filter fully saturates.



Image 4.1: An internal diagram illustrating how a cool mist humidifier operates, showing water being wicked up by the filter and air passing through to create mist.

## 5. MAINTENANCE AND CARE

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Proper maintenance extends the life of your filter and ensures optimal performance and hygiene.

### Filter Replacement Frequency:

It is recommended to replace your ProTec PWF2AM filter every 2-3 months, or more frequently depending on water hardness and usage. Signs that a filter needs replacement include:

- Reduced mist output from the humidifier.
- Hard mineral deposits visible on the filter.
- Unpleasant odors emanating from the humidifier.
- Discoloration or visible mold/mildew growth on the filter.

### Daily Care Tips:

- **Air Dry Filter:** If possible, remove the filter daily and allow it to air dry. This can help prevent mildew growth.
- **Rinse Filter:** Before reinserting, rinse the filter under cool running water to remove any loose mineral deposits.
- **Clean Humidifier:** Regularly clean your humidifier's water tank and base according to its manufacturer's instructions, typically with a vinegar solution or mild disinfectant.



Image 5.1: ProTec Humidifier Cleaning Balls (PC2) which can be used to help keep your humidifier clean and extend filter life.

## 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Reduced Mist Output	Filter is clogged with mineral deposits or is dry.	Ensure filter is fully saturated. Replace filter if heavily mineralized or if mist output does not improve.
Unpleasant Odor	Bacterial growth in water tank or on filter.	Clean humidifier thoroughly. Replace filter immediately if odor persists or if mold/mildew is visible.
Filter Discoloration/Mold	Excessive moisture or prolonged use without cleaning.	Replace filter. Increase frequency of daily air drying and humidifier cleaning.

## 7. SPECIFICATIONS







- **Model Number:** PWF2AM
- **Product Dimensions:** 7.5 x 5.5 x 8 inches (approximate, for a single filter)
- **Manufacturer:** Kaz, Incorporated (for Protec brand)
- **Filter Type:** Wicking Filter
- **Special Feature:** Extended Life, Mold Inhibition

## 8. WARRANTY AND SUPPORT

For specific warranty information or product support, please refer to the contact information provided on the product packaging or visit the official ProTec website. Keep your purchase receipt for warranty claims.



## Related Documents - PWF2AM

	<p><a href="#">Protec Tratamento de Umidade - Safety Data Sheet</a></p> <p>Safety Data Sheet for Protec Tratamento de Umidade, detailing product identification, hazards, composition, first aid, firefighting measures, handling and storage, exposure controls, physical and chemical properties, stability and reactivity, toxicological information, ecological information, disposal considerations, transport information, and regulations.</p>
	<p><a href="#">Protec 2022 Electrical Test and Measurement Equipment Rental Catalog</a></p> <p>Protec Equipment Resources' 2022 catalog features a wide range of electrical test and measurement equipment for rent, including power quality analyzers, insulation testers, transformer testers, and motor testers from leading brands like AEMC, Raytech, and Megger. Services include calibration, training, and asset management.</p>
	<p><a href="#">Instrukcja Obsługi Rejestratorów PROTEC PR-XVR</a></p> <p>Szczegółowa instrukcja obsługi dla rejestratorów wideo PROTEC serii PR-XVR, obejmująca instalację, konfigurację i codzienne użytkowanie.</p>
	<p><a href="#">Protec 2024 Electrical Test &amp; Measurement Equipment Rental Catalog   AEMC, Megger, Raytech</a></p> <p>Protec's 2024 Electrical Test and Measurement Equipment Rental Catalog offers a comprehensive range of instruments for professionals. Discover rental solutions for power quality, insulation testing, transformer diagnostics, motor testing, and more from leading manufacturers. Protec also provides calibration, training, and asset management services.</p>
	<p><a href="#">PROTEC Automotive Tools and Equipment Catalog</a></p> <p>Comprehensive catalog of PROTEC automotive tools and equipment, featuring tire changers, wheel balancers, hoists, diagnostic tools, A/C machines, specialty tools, car body repair systems, welding machines, oil drainers, jacks, presses, alignment systems, ADAS calibration systems, and more.</p>
	<p><a href="#">Vicks Filtered Cool Mist Humidifier: Use and Care Manual</a></p> <p>A comprehensive guide to operating, maintaining, and troubleshooting your Vicks Filtered Cool Mist Humidifier (VEV400 Series). Includes safety instructions, setup, operation, filter care, cleaning procedures, and warranty information.</p>



