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Nu-Calgon 1903D

Nu-Calgon PurCool Condensate Pan Strip 1903D User Manual

Model: 1903D

1. INTRODUCTION

The Nu-Calgon PurCool Condensate Pan Strip 1903D is an essential component for maintaining the efficiency and longevity of your air conditioning and refrigeration systems. This product is designed to keep condensate pans clean and free-flowing, preventing common issues such as clogs, overflows, and corrosion. By inhibiting sludge buildup and controlling odors, the PurCool strip contributes to improved indoor air quality and system performance.

Each strip is formulated to treat systems up to 3 tons and provides effective protection for up to six months, offering a long-lasting and economical solution for condensate pan maintenance.

2. SAFETY INFORMATION

Please read and understand all safety information before handling or installing the PurCool Condensate Pan Strip.

- **General Safety:** Always wear appropriate personal protective equipment (PPE) such as gloves and eye protection when working with HVAC or refrigeration systems.
- **Product Handling:** The PurCool strip is designed for its intended purpose. Avoid ingestion. Keep out of reach of children and pets.
- **System Power:** Ensure the HVAC or refrigeration unit's power is disconnected before accessing the condensate pan to prevent electrical hazards.
- **Disposal:** Dispose of used strips according to local regulations for household waste.

3. INSTALLATION

Follow these steps to properly install the Nu-Calgon PurCool Condensate Pan Strip 1903D:

1. **Locate the Condensate Pan:** Identify the condensate pan within your air conditioning or refrigeration unit. This pan collects water condensed from the air.
2. **Ensure System is Off:** Turn off the power to the HVAC or refrigeration system at the thermostat and

the circuit breaker before proceeding.

3. **Inspect and Clean Pan (Optional but Recommended):** If the condensate pan is visibly dirty or has existing sludge buildup, it is recommended to clean it thoroughly before placing the new strip. This ensures optimal performance of the PurCool strip.
4. **Place the Strip:** Carefully remove the PurCool strip from its packaging. Place the strip directly into the condensate pan. The strip is weighted to prevent it from floating. Position it in an area where it will consistently come into contact with the condensate water. Placing it further away from the drain can help treat a larger area of the pan.
5. **Restore Power:** Once the strip is securely in place, restore power to your HVAC or refrigeration system.



Figure 1: Nu-Calgon PurCool Condensate Pan Strip 1903D in its original packaging. The packaging indicates it treats up to 3 tons and lasts for 6 months.



Figure 2: A close-up view of the Nu-Calgon PurCool Condensate Pan Strip 1903D, showing its solid, rectangular form factor.

4. OPERATION

The PurCool Condensate Pan Strip works by slowly dissolving when it comes into contact with condensate water. This controlled release action continuously treats the water in the pan, preventing the growth of slime, algae, and other microorganisms that lead to clogs and odors. The strip's weighted design ensures it remains submerged and effective throughout its lifespan.

5. MAINTENANCE

For continuous protection and optimal system performance, regular inspection and replacement of the PurCool strip are necessary.

- **Replacement Schedule:** Each PurCool strip is effective for up to six months. Mark your calendar or make a note of the installation date to ensure timely replacement.
- **Visual Inspection:** Periodically inspect the condensate pan. If the strip has significantly diminished in size or if you notice signs of new buildup or odors, it is time to replace the strip, even if it has been less than six months.
- **Pan Cleaning:** When replacing the strip, it is a good practice to briefly inspect and clean the condensate pan if any residue has accumulated.

6. TROUBLESHOOTING

If you experience issues with your condensate pan after installing the PurCool strip, consider the following:

- **Persistent Clogs/Overflows:** If clogs or overflows continue, ensure the strip is correctly placed and in constant contact with water. Check for other potential blockages in the drain line that may not be related to biological growth, such as debris or structural issues.

- **Odor Persistence:** If odors persist, verify the strip is still active (not fully dissolved). Ensure the condensate pan and drain line were adequately cleaned prior to installation, as existing severe buildup might require more aggressive initial cleaning.
- **Strip Dissolving Too Quickly:** If the strip appears to be dissolving much faster than six months, it might be in a system with unusually high condensate production or water flow. Consider more frequent replacement or consulting an HVAC professional.

For complex issues, it is recommended to consult a qualified HVAC technician.

7. SPECIFICATIONS

Feature	Detail
Brand	Nu-Calgon
Model Number	1903D
Treatment Capacity	Up to 3 Tons
Lifespan	Up to 6 months
State of Matter	Solid
Scent	Unscented
Package Dimensions	6.89 x 2.99 x 0.59 inches
Item Weight	0.63 ounces

8. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please contact the retailer where you purchased the Nu-Calgon PurCool Condensate Pan Strip 1903D or refer to the official Nu-Calgon website. Keep your proof of purchase for any warranty claims.

Manufacturer: NuCalgon

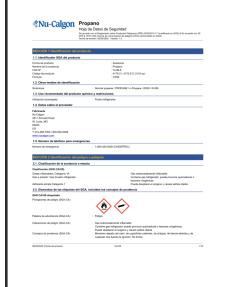
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Related Documents - 1903D



[NuStart Compressor Soft Starter Installation Guide - Nu-Calgon](#)

Comprehensive installation instructions and specifications for the Nu-Calgon NuStart Compressor Soft Starter (115/230 VAC Single Phase Series), including parts list, wiring diagrams, and troubleshooting codes.

	<p>Nu-Calgon Scorpion CX30 UVC-LED System: Installation and Operation Guide</p> <p>Comprehensive guide for installing and operating the Nu-Calgon Scorpion CX30 UVC-LED disinfecting system for HVAC applications. Includes specifications, mounting, wiring, and warranty information.</p>
	<p>Nu-Foam 4293-04 Safety Data Sheet (SDS)</p> <p>Safety Data Sheet (SDS) for Nu-Foam 4293-04, a foam sealant/adhesive manufactured by Nu-Calgon. This document provides comprehensive information on product identification, hazards, composition, first aid, firefighting, accidental release measures, handling, storage, exposure controls, physical and chemical properties, stability, reactivity, toxicological information, ecological information, disposal, transport, and regulatory information.</p>
	<p>Nu-Calgon Special HD CalClean: Heavy-Duty Coil Cleaner for Electronic Air Filters</p> <p>Discover Nu-Calgon Special HD CalClean, an extra-strong liquid detergent designed for effective cleaning of electronic air filters. Learn about its powerful formula, biodegradability, NSF registration, and simple application for removing tough dirt, grease, and smoke tar.</p>
	<p>Hoja de Datos de Seguridad de Propano (Nu-Calgon) - Información Completa</p> <p>Hoja de Datos de Seguridad (SDS) detallada para Propano (Nu-Calgon), incluyendo identificación del producto, peligros, primeros auxilios, manipulación, almacenamiento, propiedades físicas y químicas, información toxicológica y ecológica, y regulaciones.</p>
	<p>Rx-Acid Scavenger Safety Data Sheet (SDS) - Nu-Calgon</p> <p>Comprehensive Safety Data Sheet (SDS) for Nu-Calgon Rx-Acid Scavenger. This document provides essential information regarding product identification, hazards, composition, first-aid measures, firefighting measures, accidental release measures, handling and storage, exposure controls, physical and chemical properties, stability and reactivity, toxicological information, ecological information, disposal considerations, transport information, and regulatory information.</p>