

# Cleaning and Maintaining Ductless Mini-Split Systems

A circular inset image shows a technician wearing a blue long-sleeved shirt, safety glasses, and black gloves. The technician is using a spray nozzle to clean the internal coils of a ductless mini-split indoor unit. A white plastic sheet is draped over the unit to catch any debris or liquid. The background of the entire advertisement is a green and yellow checkered pattern with diagonal lines.

Since HVAC systems are a large investment for homeowners, regular preventative maintenance is vital to keep them running reliably and efficiently. Not only will this help the homeowner protect the investment, but it will also provide assurance of the comfort and health of all residents. With the popularity of ductless mini-split systems in many homes and businesses these days, regular cleaning and maintenance is necessary, but it can be a challenge. Often mini-split indoor coils are in living spaces where it may be difficult to clean them without spilling cleaning solution on walls and flooring. Or they may grow mold and emit odors from condensation not draining correctly. Nu-Calgon offers a number of products specifically designed for the proper cleaning and maintenance of ductless mini-splits, keeping systems running efficiently and providing a comfortable and pleasant living space.

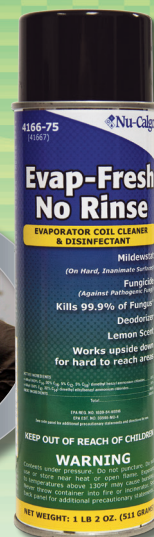


# MINI-SPLIT COIL CLEANERS

## EVAP-FRESH® NO RINSE AEROSOL

Evap-Fresh is a ready-to-use, non-abrasive, one-step cleaner and disinfectant for evaporator coils/blowers in ductless mini-split systems. It is EPA registered to kill mold and bacteria on cooling coils/blowers. Evap-Fresh also kills *Staphylococcus aureus*, *Salmonella enterica*, *Pseudomonas aeruginosa*, Human Immunodeficiency Virus (HIV-1) and *Trichophyton mentagrophytes* (athlete's foot fungus).

- Cleans and deodorizes in one easy step
- EPA registered for the HVAC application
- Ready-to-use disinfectant formulation
- No rinsing required
- Eliminates odors
- Cuts dirt and grime



4166-75

## EVAP FOAM® NO RINSE AEROSOL

Evap Foam No Rinse is a high performance, heavy duty detergent, specifically formulated with special surfactants and alkaline cleaners that have been developed into a foaming, no-rinse product. Evap Foam will liquefy dirt, grease, oil, and other residues quickly and easily. Since it is fortified with corrosion inhibitors, it is safe for use on metals and other materials.

- Cleans and deodorizes
- Easily sprayed from any angle
- Self-rinsing, fast-breaking foam
- Pleasant lemon scent
- Biodegradable and NSF Registered



4171-75

## TRI-POW'R® HD AEROSOL

Tri-Pow'r HD aerosol provides a powerful foaming spray to assist in lifting debris off of coils. It's a detergent, degreaser and deodorizer – all in one convenient spray. Suitable for any coil design, including mini-split evaporator coils. Tri-Pow'r HD can be used for evaporator "no-rinse" applications where ample condensate will self-rinse the coil.

- Powerful foaming spray
- Detergent-Degreaser-Deodorizer
- Metal safe
- Rapid emulsification of grease and grime
- Self-rinses with condensation



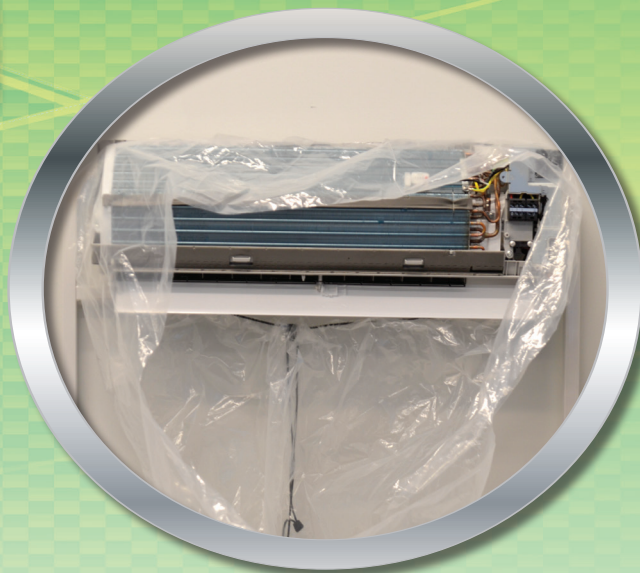
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# COIL CLEANING ACCESSORIES

## CLEAN GUARD™ MINI-SPLIT MAINTENANCE BAGS

Clean Guard, Clean Guard XL and Clean Guard CC are reusable maintenance bags specifically for use by HVAC contractors to clean wall-mounted mini-splits and ceiling cassette systems with Nu-Calgon cleaners/disinfectants when the indoor coil and blower require service. Clean Guard installs in seconds, using an industrial-grade elastic collar to fit tightly around the indoor unit. The bags provide the ultimate protection from overspray on walls and flooring when coil cleaning. Clean Guard features an integrated drain line (simply place in a bucket), and it has a heavy-duty design that allows it to be reused.



4150-01



4150-02



4150-03

## TURBO TANK™ RINSING SPRAYER

The Turbo Tank Rinsing Sprayer is a battery-powered, portable sprayer for water rinsing of Nu-Calgon cleaner off indoor unit coils and blowers. It provides optimal 130 psi water pressure with different nozzle options, including a unique eight-inch mini-split 90° spray wand to spray in tough spots. Turbo Tank comes with a removable 4.5 gallon tank for water fill only, rechargeable battery, 115VAC charger and 12VDC vehicle adaptor to charge the battery off-duty.

The Turbo Tank Rinsing Sprayer can be used for other applications for water rinsing of coil after cleaner has been applied. Also available separately is a 39-inch 90° spray wand for larger coils (4778-11) and 115VAC to 12VDC converter (4778-12) to always power the sprayer on the job.



Available in May 2019

4778-0





# ODOR CONTROL AND DRAIN MAINTENANCE

## PURCOOL® GREEN MINI-STRIP

PurCool Green Mini-Strips utilize unique, environmentally friendly plant-based suspending and dispersing action to prevent build-ups, overflows and odors in mini-split condensate drain pans. PurCool Green can be cut to size and placed in drain pan so it slowly dissolves in the condensate water, providing preventative treatment for 4-6 months. PurCool Green does not contain any harsh chemicals or biocides, making them safer for the user and the environment.



61044



## MINIFRESH®

ClenAir MiniFresh treats the air through the HVAC system, eliminating odors and other indoor pollutants, leaving clean, fresh, air behind. For use with mini-split, PTAC, or other ductless systems, MiniFresh can be installed on the return louvers of indoor units. It will be out of view and will work quietly to eliminate odors caused by mold, mildew, bacteria, pets, smoke, musty odors, water damage, fire damage, paints, chemicals, animal decay, garbage, sewer gases, skunks, and more. MiniFresh treats up to one 12,000 BTU indoor unit for 3 months.



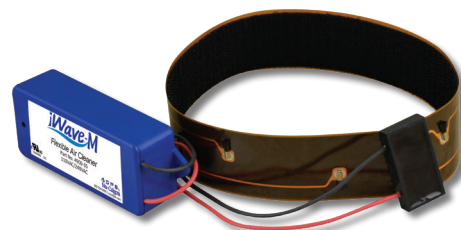
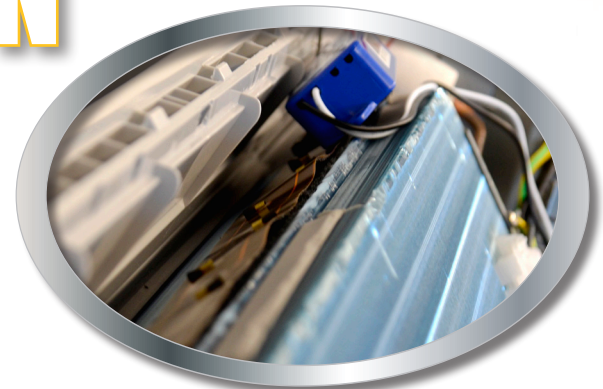
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# AIR PURIFICATION

## IWAVE®-M AIR PURIFIER

iWave-M is a flexible ion-generating bar that can treat indoor air quality in ductless mini-split systems and other HVAC applications. The air purifier provides the highest level of ionization energy in the most compact size available in the market, producing 240 million ions/cc per foot of flexible ribbon. As the air flows past the iWave-M, the device emits positive and negative ions, creating a plasma region that purifies the air, killing mold, bacteria and viruses in the coil and living space. The ionization process also reduces allergens, smoke and static electricity, as well as controlling odors (cooking, pet, VOCs) and other particles in the air without creating ozone or any harmful byproducts. The highly versatile iWave-M is low maintenance and requires no replacement parts.



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