



THE BRAND YOU TRUST

IAQ

INDOOR AIR QUALITY

COMPLETE REFERENCE GUIDE



IAQ EQUIPMENT SOLUTIONS

Nu-Calgon IAQ systems offer a comprehensive approach to providing cleaner indoor air quality in any home or business. iWave® and NuShield® are bipolar ionization systems that treat the air flow and reduce certain viruses, bacteria and particles in the living space. The Scorpion is a UVC-LED surface disinfecting system designed to kill mold and bacteria on evaporator coils and other surfaces. And PermaFilter offers electrostatic air filtration that never needs to be replaced. All of these products work together to provide the ultimate IAQ solution.



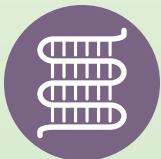
- Utilizes unique NPBI technology to actively treat the air
- Reduces certain bacteria and viruses
- Reduces harmful airborne particulate and pollutants
- No replacement parts for the life of the device
- Patented self-cleaning and patented multi-voltage options
- Residential, commercial, and ductless solutions

iWave-C	4900-10
iWave-R	4900-20
iWave-M	4900-35
iWave-V	4900-40

NuShield-CI	4900-50
NuShield-CX	4900-55
NuShield-R	4900-60



*Visit iwaveair.com or nushieldair.com for performance data.



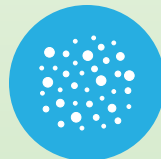
Helps Keep the HVAC Coil Cleaner Longer



Reduces Odors Associated with Dirty Sock Syndrome



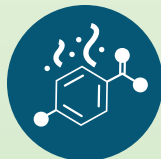
Reduces Smoke and Other Airborne Particulate



Helps Improve Overall Indoor Air Quality



Reduces Cooking Odors and Pet Odors

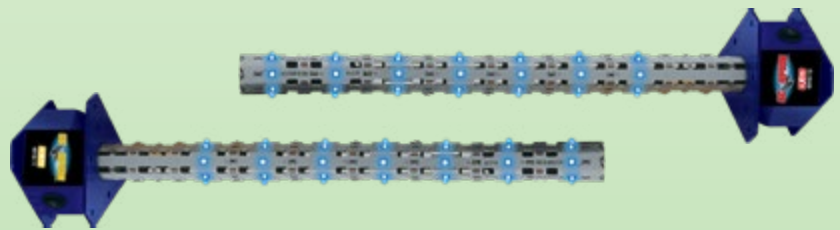


Reduces Volatile Organic Compounds (VOCs)



- High powered UVC-LED disinfecting system
- Lasts 5X longer than standard UV bulbs
- Kills mold, mildew, bacteria, and viruses on the coil
- Treats the surrounding surfaces in the evap system
- Reduces foul and musty odors in the HVAC system
- Available in 24VAC and high voltage 110-277VAC models

LX15 model (24VAC)	4910-10
HX15 model (110-277VAC)	4910-11



Kills Pathogens



Integrated Air Flow Sensor



Kills Mold



Shatterproof LED Design

The Scorpion CX30 is a 30" long UVC-LED system designed for commercial applications. The CX30 is designed for the toughest commercial environments. The CX30 includes unique adjustable brackets and commercial grade magnets for easy installation and ensure maximum exposure and treatment on the HVAC coil.

CX30 model (208-480VAC)	4910-20
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NEW!



COIL CLEANERS

A home or building's air conditioning system greatly affects indoor air quality (IAQ), and the system's evaporator or indoor coil has the most impact. As air moves across the evaporator coil, the air is likely to contain harmful particulate such as dust, dirt, pollen, moisture, or pathogen spores. Cleaning the evaporator coil is the first step when addressing indoor air quality. Use one of the following Nu-Calgon products to clean the evaporator coil and restore the equipment's designed capacity and power efficiency.

Evap-Fresh® No Rinse Evaporator Coil Cleaner & Disinfectant



Evap-Fresh No Rinse Evaporator Coil Cleaner & Disinfectant is a ready-to-use, non-abrasive, one-step cleaner and disinfectant for evaporator coils in small air conditioners, commercial air handling equipment, HVAC cooling coils and refrigeration equipment. It is EPA registered and works great to eliminate bacteria and odors. Plus, Evap-Fresh Aerosol works great on mini-splits!

18 oz Aerosol	4166-75
1 Gallon	4166-08
55 Gal Drum	4166-01



The liquid version (4166-08, 4166-01) kills SARS-CoV-2 (Covid-19) virus on hard, non-porous surfaces in just 60 seconds! The EPA lists Evap-Fresh on their "disinfectants to use against SARS-CoV-2" website.

Evap Foam® No Rinse



- Cleans and deodorizes
- Easily sprayed from any angle... right side up or upside down
- Self-rinsing, fast-breaking foam
- Pleasant lemon scent
- Ideal for kitchen applications
- Biodegradable and NSF Registered

18 oz Aerosol	4171-75
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ViroGuard™ No Rinse

- EPA registered no rinse evaporator coil cleaner and disinfectant
- Ready-to-use disinfectant formula that is listed on EPA's List N for use against SARS-CoV-2 (COVID-19)
- When used as directed, ViroGuard kills Pandemic 2009 H1N1 Influenza A Virus
- Disinfects against Legionella Pneumophila

18 oz Aerosol	4376-75
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Blackhawk™

- Safe for cleaning HVAC/R coils in food processing areas
- Does not produce objectionable fumes
- Metal/plastic safe
- Non-rinse for evaporators
- Nonflammable
- Biodegradable

18 oz Aerosol	4127-75
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Tri-Pow'r® HD

- A detergent, degreaser, and deodorizer
- Ideal for microchannel
- Rapid emulsification of grease and grime

19 oz Aerosol	4371-75
1 Quart*	4371-90
1 Gallon	4371-88



* 4X Quart not NSF Registered.

COIL PROTECTANT AND COIL DEODORIZER

Utilizing a coil protectant will ensure that the system maintains peak performance longer between cleanings. The coil protectant will also prevent contaminants from clinging to the surface of the evaporator, and make cleanings easier. Using deodorizers and bacteriostats between cleanings will help prevent biofilm growth on the coil and the surrounding areas. Cal-Shield and Bio-Fresh cd will ensure the coil is protected between cleanings.



Bio-Fresh® cd

- A concentrated, ready-to-use bacteriostat, fungistat and deodorizer
- EPA registered for application in HVACR systems
- Can be sprayed in occupied areas
- Reduces odors and controls bacteria
- Eliminates odors where they exist

1 Quart	4126-34
1 Gallon	4126-38



Bio-Fresh® Fogger

- A one-piece, seamless heavy-duty sprayer
- It uses a 48" flexible hose to facilitate application into duct-work, and it is adjustable from 0-18 oz. per minute with particle sizes up to 80 microns
- An ideal instrument for dispensing Bio-Fresh cd into enclosed ventilating duct-work or in larger area

Fogger	4693-0
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Cal-Shield®

- Forms protective shield on coils
- Reduces ability of dirt and grime to adhere to coil
- Makes next cleaning easier
- Extends life of coils operating in corrosive environments like salt air and food acids
- Enables coil to perform at designed efficiency

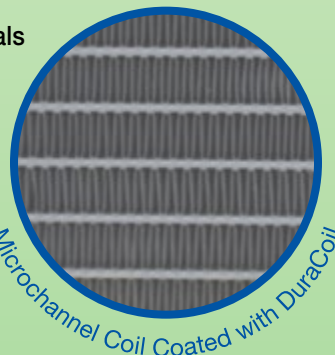
1 Quart	4148-32
1 Gallon	4148-08



DuraCoil

- Durable, OEM-approved coating
- Protects coils from corrosion
- For coils in coastal regions, or in industrial or agricultural settings; protects refrigeration coils against food acids
- Causes negligible transfer loss
- Great to repair an OEM coil coating
- Fast, air-dry formula bonds to all metals
- DuraCoil is a gray-colored coating

11 oz Aerosol	4083-91
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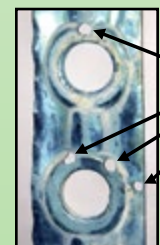


Salt Spray Test - Aluminum Fins

(ASTM Standard B117, 1500 Hour Exposure)



DuraCoil



Competitive Coating

Areas of Corrosion

Heresite® is a registered trademark of Heresite Protective Coatings.

CONDENSATE TREATMENT

One location in the system that is the most prone to the build-up of bacterial slime is the condensate pan. As condensate is collected in the pan, it can become a breeding ground for harmful bacteria. This build-up can cause foul odors, as well as a plugged drain, causing costly overflows. Nu-Calgon not only offers EPA registered condensate treatments to address bacteria and slime, but also traditional treatments to address foul and musty odors and keep drain lines clear and free flowing.



Pan Treat®

- Prevents overflows and water damage caused by plugged drain lines
- Controls odors
- Safe for use in humidifiers
- Improves IAQ

1 bottle (200 tablets)	4296-60
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PurCool® Tablets

- Cleans drain pan & lines
- Controls odors, improves IAQ
- Prevents sludge build-up and overflow
- OEM approved

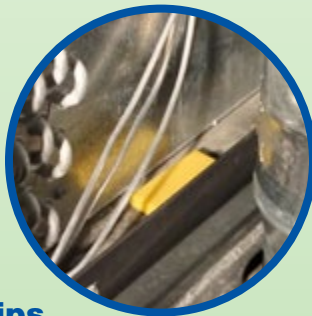
1 bottle (200 tablets)	61053
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Gel Tabs™

- Protects drain pan against clogs
- Gel formulation locks tab into place
- Completely dissolves
- Mini-Split option available
- OEM approved

3 ton tab: 12 ct 4185-03, 80 ct 4185-80, 200 ct 4185-04	
5 ton tab: 6 ct 4185-05, 40 ct 4185-40, 100 ct 4185-06	
15 ton tab (1 each)	4185-15
20 ton tab (1 each)	4185-20
Gel Tabs Mini (2 per pack)	4185-95



PurCool® Pan Strips

- Prevents sludge build-up and drain pan clogs
- Cleans drain pan & lines
- Controls odors, helps improve IAQ

3 ton	61043
3 ton bulk strip (100)	61047
5 ton strip	61042
10 ton strip	61041
30 ton strip	61040



PurCool® Green Strips and Tablets

- Keeps condensate drain pan lines clean and free-flowing
- Prevents sludge build-up and odors
- Time release formula, 4-6 month service life
- Adheres to drain pan; will not float or move

3 ton: 1 tablet 61048, 200 tablets 61049	
5 ton: 1 tablet 61051, 100 tablets 61052	
10 ton Strip 10 ton	61045
30 ton Strip 30 ton	61046
Mini Strip	61044



PanPads

- EPA Registered
- Control build-up, eliminating overflow of condensate pans
- Control the growth of harmful bacteria, including those causing Legionnaire's Disease
- Eliminate objectionable or musty odors caused by bacteria build-up

PanPads 5 (up to 5 tons)	4295-34
PanPads 5 Slim (up to 5 tons)	4295-36
PanPads 15 (up to 15 tons)	4296-24
PanPads 45 (up to 45 tons)	4296-45

ENZYME DRAIN TREATMENT

Enzyme-based drain line treatments such as PowerZyme and PowerZyme Gel produce bacteria to actively digest and liquefy organic matter in drains. These enzyme-based drain line treatments break down organic matter in drain lines to help prevent and eliminate clogs and odors. These products are designed for use in both HVAC and food service operations, where buildup from dirt, grime, fats, oils, and grease is common. These formulas are much safer than acid products that use harsh chemicals and produce objectionable fumes. Regular use of bio-enzymatic formulas can help to prevent future drain clogs by eliminating buildup.

PowerZyme™



- Powerful liquid enzymatic formula
- Keeps drains flowing freely
- Eliminates foul and musty odors
- Ideal for HVAC pans and drains
- Perfect for food service and kitchen drains
- Easy pour top for any application
- Breaks down fats, oils, and grease
- Safe for systems and non-corrosive

8 oz bottle	4298-21
1 Quart	4298-22



PowerZyme™ Gel



- Powerful enzymatic gel formula
- Clears slow moving drain lines
- Prevents clogs and costly overflows
- Thick gel formula clings to vertical surfaces
- Ideal for HVAC drains and evaporator coils
- Perfect for food service and kitchen drains
- Breaks down fats, oils, and grease
- Safe for systems and non-corrosive

1 Quart	4298-24
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CONDENSATE TOOLS

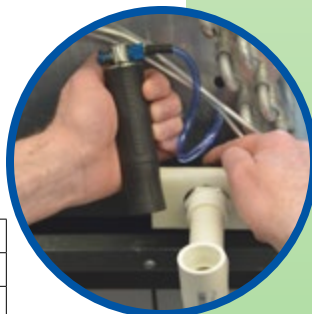
A clogged or slow moving drain line can cause issues such as foul or musty odors. In some instances, these clogged drain lines can even cause a backup and costly water damage. Utilizing a condensate tool to clear these clogged drain lines is imperative to the proper service of an HVAC system and helps to ensure a high level of indoor air quality. Nu-Calgon offers both a manual tool and a CO₂ powered tool for these situations.

Gallo Gun™



- New revolutionary and rugged design
- Reversible dual fit cartridge base
- Fits both 16g and 20g CO₂ cartridges
- Flexible hose assembly for improved access

Gallo Gun with 20g cartridge	4179-01
Mag20 (12 ea 20g cartridges)	4179-20
Mag16 (12 ea 16g cartridges)	4179-16



Gallo Gun™ Cannon

- Clears clogs through the existing 3/4" tee
- Inflates to make an air tight seal for maximum clearing power
- Bypass access fittings and openings to properly clear clogged lines
- For use exclusively with the Nu-Calgon Gallo Gun
- Ideal for use with vent openings, access fittings, tees, and more

Gallo Gun Cannon	4179-05
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AC Drain Sucker®

- Easily clear clogged or slow moving drains
- Use pressure or suction with versatile design
- Kit comes with multiple fittings and cones
- Includes PurCool Green 3 ton tablet



1 kit	61308
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SANITIZERS AND DISINFECTANTS

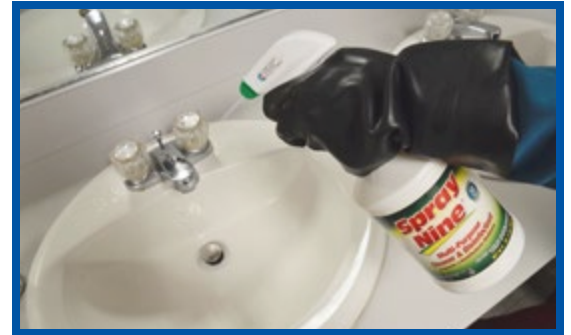
Sanitizing and disinfecting your home or facility plays a key role in ensuring a safe and healthy environment. It is important to evaluate what surfaces are in the space and understand if they should be disinfected or sanitized. Ensure that any sanitizer or disinfectant used is an EPA registered formula. Use one of the following Nu-Calgon products for proper sanitizing and disinfecting. Always follow the instructions on the label for concentration, dilution, application method, contact time and any other special considerations when applying.

Spray Nine®



- Tough task cleaner
- Broad spectrum disinfectant
- EPA-Registered to kill harmful germs like HIV-1, Influenza, H1N1, Staphylococcus Aureus, Salmonella, Choleraesuis and E. Coli, in 45 seconds
- Prevents cross contamination
- EPA approved to be effective against all strains of SARS-CoV-2 (Covid-19)
- USDA Authorized

1 Quart	61113
1 Gallon	61110



IMS-III Sanitizing Concentrate

- EPA Registered sanitizing concentrate
- Formulated for hard non-porous surfaces
- The EPA lists IMS-III on their "disinfectants to use against SARS-CoV-2" website
- Controls mold and mildew formation

16 oz bottle	4211-34
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Evap-Fresh® No Rinse Evaporator Coil Cleaner & Disinfectant Liquid

- Cleans and deodorizes in one easy step
- Kills SARS-CoV-2 on hard non-porous surfaces
- Kills Pandemic H1N1 Influenza A Virus
- Ready-to-use disinfectant spray

1 Gallon	4166-08
55 Gal Drum	4166-01



ViroBlaster™

- Quickly and easily sanitize or disinfect your space
- High atomization density spray for maximum coverage
- Use with PurTabs (4299-05) for a powerful disinfecting solution
- Static coverage of over 16 feet with a spray distance of over 9 feet
- Fully charged battery will provide 30 minutes of run time
- Includes rechargeable lithium ion battery and charger

Viroblaster kit	4780-0
Replacement battery	4780-1
Replacement charger	4780-2



PurTabs

- Multi-purpose, powerful disinfecting and sanitizing tablets
- Designed exclusively for use with the ViroBlaster 4780-0
- Kills SARS-CoV-2 in 4 minutes on hard non-porous surfaces
- Use 2 tablets per ½ gallon of water in the ViroBlaster

200 tablet jar	4299-05
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Schools can receive up to 8 FREE Viroblasters per school! While supplies last. Ask your Nu-Calgon Account Manager for details.

ODOR NEUTRALIZERS

ClenAir gels from Nu-Calgon are truly odor neutralizers, not perfumes or cover-ups. They eliminate unpleasant odors from the air, neutralizing those caused by smoke, mold, mildew, cat litter and pets, as well as the noxious smells created by formaldehyde hydrogen sulfide and other chemicals. They can be used in homes, basements, offices, schools, hospitals, and any other space that needs refreshing. These odor neutralizing gels comes in a variety of scents and sizes to treat a small space up to a large commercial HVAC system.



NEW!

ClenAir™ Odor Neutralizers

ClenAir Odor Neutralizers are not perfumes or coverups they are true active odor neutralizers They eliminate unpleasant odors from the air, neutralizing those odors caused by smoke, mildew, pets, cooking, sewer gas, and even airborne chemicals. ClenAir Odor Neutralizers are designed for use in residential and commercial applications. Simply remove the sticker on the lid to expose the gel and place the tub in an area with problem odors.

Fresh Linen	
½ lb. Tub	6100-05
1 lb. Tub	6100-10
2 lb. Tub	6100-20

Cherry Blossom	
½ lb. Tub	6101-05
1 lb. Tub	6101-10
2 lb. Tub	6101-20

Citrus Breeze	
½ lb. Tub	6102-05
1 lb. Tub	6102-10
2 lb. Tub	6102-20



The unique slow release lid keeps the ClenAir gel contained while providing up to 30 days of odor neutralizing and fresh scent!



NEW!

ClenAir™ Liquid

ClenAir Liquid Odor Neutralizers are fast-acting deodorizing solutions. Unlike regular deodorizer products that simply use heavy perfumes and oils to disguise odors, ClenAir Liquid Odor Neutralizers eliminate odors through a chemical process while still leaving a clean fresh scent. ClenAir Liquid Odor Neutralizers are also biodegradable, non-toxic, non-staining, and ideal for use in homes and businesses.

Citrus Breeze 32 ounce	6105-10
Cherry Blossom 32 ounce	6105-20



Can be used in the Bio-Fresh Fogger



ODOR REMOVAL

ClenAir is a true odor neutralizer that removes odors from the air.



LONG LASTING

Enjoy hours of fresh cherry scent and odor control from the unique liquid odor neutralizing formula.



SAFE AND EFFECTIVE

For use in all applications and is an environmentally friendly formula.

ODOR NEUTRALIZERS

Removing and neutralizing odors is a key factor to ensuring proper indoor air quality in any building. Nu-Calgon offers odor neutralizing products that range from liquid formulas, to dispensers, to activated charcoal. These odor neutralizers are designed to be used to improve the indoor air quality in small or large areas, and even in your HVAC system and duct work. Odor neutralizing products from Nu-Calgon can be used in homes, basements, offices, schools, hospitals, and any other space that needs refreshing.



HVAC Odor Block®

- Eliminates odors & improves indoor air quality
- Unique self-feeding package installs in air handler or return duct
- A true odor neutralizer – not an odor mask or cover-up

<i>Residential HVAC Odor Block</i>	6106-20
<i>Residential HVAC Odor Block XL</i>	6107-20



HVAC Odor Block®

- Eliminates odors & improves indoor air quality
- Unique self-feeding package installs in air handler or return duct
- A true odor neutralizer – not an odor mask or cover-up
- Commercial HVAC Odor Block includes Carbon Z filtration

<i>Commercial HVAC Odor Block</i>	61061
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Bio-Fresh® cd

- A concentrated, ready-to-use bacteriostat that is a fungistat and deodorant
- EPA registered for application in HVACR systems
- Can be sprayed in occupied areas
- Kills odors and controls bacteria
- Eliminates odors where they exist

<i>1 Quart</i>	4126-34
<i>1 Gallon</i>	4126-38



Bio-Fresh® Fogger

- A one-piece, seamless heavy-duty sprayer
- It uses a 48" flexible hose to facilitate application into duct-work, and it is adjustable from 0–18 oz. per minute with particle sizes up to 80 microns
- An ideal instrument for dispensing ClenAir liquids, or Bio-Fresh cd, into enclosed ventilating duct-work or larger areas

<i>Fogger</i>	4693-0
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MINI-SPLIT AND DUCTLESS APPLICATIONS

Ductless systems, such as mini-splits, offer some advantages such as better zoning opportunities, and improved efficiency with tuning capacity. These systems can also be used in applications where installing duct is problematic. Despite the many benefits, ductless systems are a major source of poor indoor air quality and can become a problem earlier than a standard ducted system. Nu-Calgon has a full line of solutions for ductless systems to ensure the system is not a source of poor IAQ, but instead a source of healthy, safe conditioned air.

Turbo Tank 2.0

- Lithium ion battery for longer run times
- Now compatible with Milwaukee and DeWalt 18V batteries
- Improved pressure for better rinsing
- Mini-split wand makes cleaning blowers easy
- Coil Gun Connector for coil cleaner application
- New power converter for all day, everyday use
- 0° and 15° spray attachments included

Turbo Tank 2.0	4781-00
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Evap Foam® No Rinse

- Cleans and deodorizes
- Easily sprayed from any angle... right side up or upside down
- Self-rinsing, fast-breaking foam
- Pleasant lemon scent
- Ideal for kitchen applications
- Biodegradable and NSF Registered



18 oz Aerosol	4171-75
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Blackhawk™

- Safe for cleaning HVAC/R coils in food processing areas
- Does not produce objectionable fumes
- Metal/plastic safe
- Non-rinse for evaporators
- Nonflammable
- Biodegradable



18 oz Aerosol	4127-75
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Tri-Pow'r® HD

- A detergent, degreaser, and deodorizer
- Ideal for microchannel
- Rapid emulsification of grease and grime
- Suitable for any coil design
- Powerful foaming spray
- Non-rinse for evaporators



19 oz Aerosol	4371-75
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Evap-Fresh® No Rinse Evaporator Coil Cleaner & Disinfectant

- Cleans and disinfects in one easy step
- EPA registered
- Ready-to-use disinfectant formulation
- Eliminates odors

18 oz Aerosol	4166-75
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1 Gallon	4166-08
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55 Gal Drum	4166-01
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ViroGuard™ No Rinse

- Cleaner, Disinfectant, and Deodorizer
- EPA registered for HVAC ductless applications
- Listed on EPA's List N for use against SARS-CoV-2 (COVID-19)
- Kills Pandemic 2009 H1N1 Influenza A Virus
- Disinfects against Legionella Pneumophila
- Sprays rightside up/upside down

18 oz Aerosol	4376-75
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CompleteCare Mini-Split Kit

The kit services up to four mini-split heads with:

- (2) Tri-Pow'r® HD Aerosol cans
- (2) sets of Gel Tabs™ Mini
- (1) Clean Guard™ Maintenance Bag
- (1) Nu-Calgon service bucket

1 kit	4151-18
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Clean Guard™ Mini-Split Bags

- Heavy duty maintenance bag for ductless and ceiling cassette systems
- For use when cleaning indoor coils with Nu-Calgon cleaner
- 360° coverage prevents overspray on wall or floor
- Easiest install on the market – installs in seconds!

Clean Guard – units up to 12,000 BTU	4150-01
Clean Guard XL – units 18,000 to 36,000 BTU	4150-02
Clean Guard CC – Commercial Ceiling Cassettes	4150-03



Gel Tabs™ Mini

- Protects drain pan against clogs
- Eliminates foul & musty odors
- Slim design perfect fit for mini-splits
- Treats up to 1.5 tons & provides 3 months of protection
- Same gel formulation as original Gel Tabs

Gel Tab Mini (2 per pack)	4185-95
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PurCool® Green Mini-Strip

- Keeps condensate drain pan lines clean and free-flowing
- Prevents sludge build-up and odors
- Time release formula, 4-6 month service life
- Adheres to drain pan; will not float or move

Mini Strip	61044
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iWave®-M Mini-Flexible Air Ionization System

- Special ion needles routed in a flexible bar circuit
- Compact design applicable for any HVAC systems up to 1,600 CFM
- Can flex easily to accommodate any application - ideal for ductless systems
- No replacement parts
- Multi-voltage input 110VAC to 240VAC
- OEM Approved

iWave-M	4900-35
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THE BRAND YOU TRUST



**LEARN MORE WITH
NU-CALGON UNIVERSITY!**

WE OFFER THESE CLASSES AND MORE



- iWave/NuShield
- Indoor Air Quality
- Mini-Split
- Ice Machine
- Sanitizers & Disinfectants

