



THE BRAND YOU TRUST



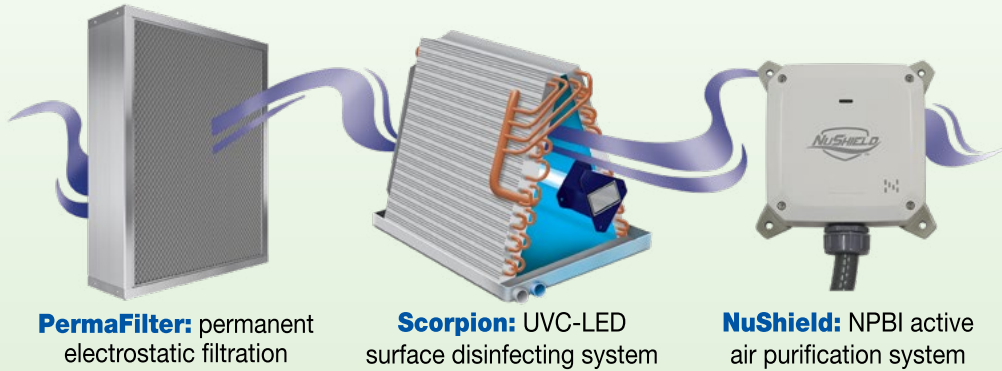
INDOOR AIR QUALITY

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.



PermaFilter: permanent electrostatic filtration

Scorpion: UVC-LED surface disinfecting system

NuShield: NPBI active air purification system



- Utilizes unique NPBI technology to actively treat the air
- Reduces certain bacteria and viruses
- Reduces harmful airborne particulate and airborne 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	NuShield-CI	4900-50
iWave-R	4900-20	NuShield-CX	4900-55
iWave-M	4900-35	NuShield-R	4900-60
iWave-V	4900-40		

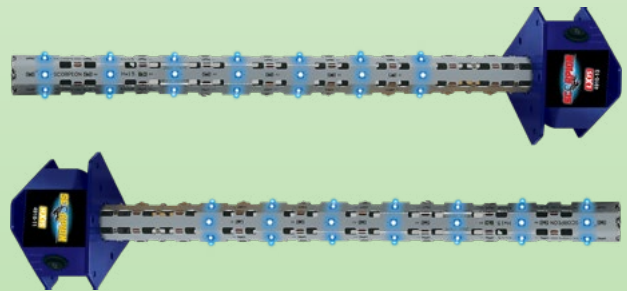


*Visit iwaveair.com or nushieldair.com for performance data.



- 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 evaporator system
- Reduces foul and musty odors in the HVAC system
- Available in low voltage 24VAC and high voltage 110-277VAC models

LX15 model	4910-10
HX15 model	4910-11



PermaFilter™

- Permanent electrostatic filters
- Never needs replacing to save money over time
- Easily cleaned with light detergent based cleaners
- MERV 8 rated filters for particulate reduction
- Available in 60 different filter sizes from 10"x10" to 20"x30"
- Thickness ranges from 1" to 6" and even a flexible version



Part Numbers: See product bulletin and nucalgon.com for complete list of part numbers and filter sizes

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!

Aerosol 4166-75 • Quart 4166-24
Gallon 4166-08 • 55 Gal Drum 4166-01



The liquid version (4166-24, 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



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

Evap-Green™



- Meets EPA Safer Choice Direct Release Criteria
- Conforms to OEM specifications for cleaning microchannel coils
- Ideal for any evaporator design
- Low foaming, emulsifying coil cleaner
- Perfect for residential and light commercial applications

1 gallon bottle 4191-08



Tri-Pow'r® HD

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

1 gal bottle 4371-88
19 oz aerosol 4371-75
1 qt bottle* 4371-90



* 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 gal bottle 4126-38
1 qt bottle 4126-34



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



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

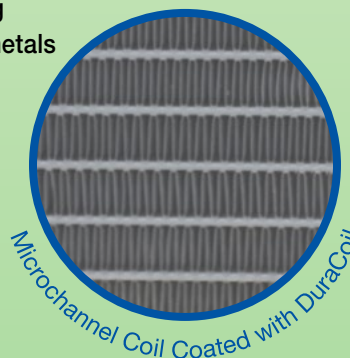
1 gal bottle 4148-08
1 qt bottle 4148-32



DuraCoil

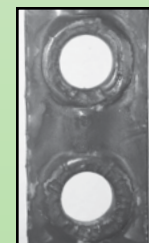
- Durable, OEM-approved coating
- Protects coils from corrosion
- For coils in coastal regions, or in industrial or agricultural settings; protects refrigeration coils against food acids
- Causes negligible transfer loss
- Great to repair an OEM coil coating
- Fast, air-dry formula bonds to all metals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

11 oz can 4083-91

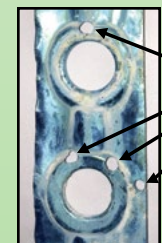


Salt Spray Test - Aluminum Fins

(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



PurCool® Tablets

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

1 bottle (200 tablets) 61053



Gel Tabs™

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

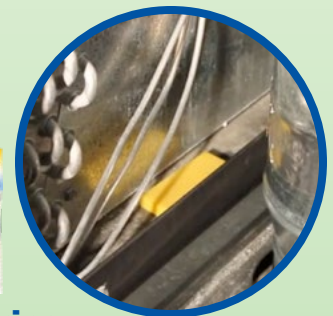
3 ton tab: 12 count 4185-03, 80 count 4185-80, 200 count 4185-04
 5 ton tab: 6 count 4185-05, 40 count 4185-40, 100 count 4185-06
 15 ton tab (1 each) 4185-15
 20 ton tab (1 each) 4185-20
 Gel Tabs Mini (2 per pack) 4185-95



PurCool® Green Strips and Tablet

- 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



PurCool® Pan Strips

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

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



PanPads

- EPA Registered
- Control slime 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 bacterial slime 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 qt. bottle | 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 qt. bottle | 4298-24 |
|--------------|---------|



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
- Cannon accessory designed for drains with tees

Gallo Gun with 20g cartridge	4179-01
Mag20 20g cartridges (12 x 1)	4179-20
Mag16 16g cartridges (12 x 1)	4179-16
Gallo Gun Cannon	4179-05



A/C 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 unit | 61308 |
|--------|-------|

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.

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



Spray Nine®

- Tough task cleaner
- Broad spectrum disinfectant
- EPA-Registered to kill harmful germs like HIV-1, Influenza, H1N1, Staphylococcus Aureus, Salmonella, Choleraeuis and E. Coli, in 45 seconds
- Prevents cross contamination
- USDA Authorized

1 gal bottle 61110
1 qt bottle 61113

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



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 qt bottle 4166-24
1 gal bottle 4166-08
55 gal drum 4166-01

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.



ClenAir™ Odor Neutralizer

- Eliminates odors caused by smoke, mold, mildew, stale air, sewer gas, pets, and more
- Ideal for use in HVAC systems or open spaces
- One pound treats up to 400sq ft for one month

ORIGINAL

Mini tub	61000
1/2 lb tub display	61001
1/2 lb tub	61002
1 lb tub	61003
3 lb tub	61004
10 lb tub	61005
30 lb tub	61006



CHERRYAIR

Mini tub	61018
1/2 lb tub display	61010
1 lb tub	61011
3 lb tub	61013
10 lb tub	61015
30 lb tub	61017



ORANGEAIR

Mini tub	61028
1/2 lb tub display	61020
1 lb tub	61021
3 lb tub	61023
10 lb tub	61025
30 lb tub	61027



ClenAir™ Liquid

- Eliminates odors caused by smoke, mold, mildew, stale air, sewer gas, pets, and more
- Works great with heating ventilation and air conditioning systems
- Available in Unscented, Citrus, and CherryAir

Unscented Spray 16 oz	61030
Unscented Liquid 1 gal	61031
Citrus Spray 16 oz	61033
Citrus Liquid 1 gal	61035
CherryAir Spray 16 oz	61037
CherryAir Liquid 1 gal	61038

ODOR NEUTRALIZERS

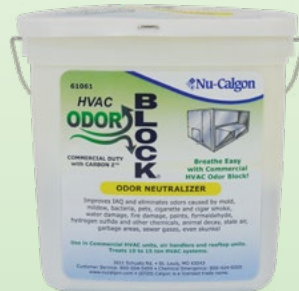
Removing and neutralizing odors is a key factor to ensuring proper indoor air quality in any building. Nu-Calgon offers odor neutralizing products that range from liquid formulas, to dispensers, to activated charcoal. These odor neutralizers are designed to be used to improve the indoor air quality in 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

Residential HVAC Odor Block 61060
Residential HVAC Odor Block XL 61070



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

Commercial HVAC Odor Block 61061



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

1 gal bottle 4126-38
1 qt bottle 4126-34



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

Fogger unit 4693-0

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.

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



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



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



Tri-Pow'r® HD

- A detergent, degreaser, and deodorizer
 - Ideal for microchannel
 - Rapid emulsification of grease and grime
- 19 oz aerosol 4371-75



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
 1 qt bottle 4166-24
 1 gal bottle 4166-08
 55 gal drum 4166-01



Turbo Tank

- Portable, durable design for clean water use
 - Optimal 130 psi water pressure
 - Battery included; optional AC/DC power converter available (#4778-12)
 - Optional 39 inch length 90° spray wand available (#4778-11)
 - Includes adjustable shoulder strap for easy mobility
- Turbo Tank 4778-0



CompleteCare Mini-Split Kit

The kit services up to four mini-split systems 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



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

1 unit 4185-95



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

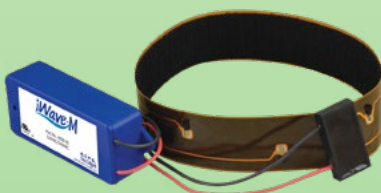
Mini Strip 61044



MiniFresh™

- Unique self-feeding package
- A true odor neutralizer – not an odor mask or cover-up
- Ideal for mini-splits, PTACS, hotel units, and other tight fit applications
- Keeps mini-split coil and blower clean and fresh

1 unit 61065



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

1 unit 4900-35

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

