2025

Nu-Calgon

The Brand You Trust

QUALITY PRODUCTS FOR

AIR CONDITIONING, REFRIGERATION & HEATING

WHAT'S NEW!

SCORPION™
UVC-LED Disinfecting System
COMMERCIAL GRADE

Scorpion™ CX30 Commercial System

The CX30 is a 30″ UVC-LED disinfecting system designed for commercial applications. The CX30 kills mold, mildew, bacteria, and viruses on the HVAC coil and surrounding surfaces. The CX30 has a 30,000 hour life and can last up to 5X longer than standard UV bulbs by using the patented integrated air flow sensor and dual run mode switch.

See more on page 12

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.

See more on page 17

NuStart™ Compressor Soft Starter

NuStart provides smooth scroll compressor startup of the air conditioner, heat pump or refrigeration system. NuStart greatly reduces inrush current and mechanical compressor start-up stress which addresses nuisance field issues such as light flicker, breaker trips, contactor arcing damage and excessive compressor start-up noise. NuStart eliminates scroll stall in lower voltage events or utility brownout situations.

See more on page 26

pH-Treat® Wall Mount Refillable

A wall mounted refillable design for tight installation. Includes an integral bypass feature to prevent condensate backflow into appliances. Reversible for fast and easy installation. The neutralized condensate is more environmentally friendly and helps maintain a neutral environment for bacteria in septic systems. Suitable for use on all types of Natural Gas and Propane appliances.

See more on page 33

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THE ULTIMATE IN REFRIGERANT LEAK SEALANTS

EasySeal® Ultimate

The EasySeal line has proven to be the number one trusted refrigerant leak sealant brand for over a decade, with millions of leaks sealed. It is compatible with all commercially available refrigerants including the new HFOs, A2Ls and hydrocarbons like R-454B, R-32, R-290 and R-600a. EasySeal Ultimate is the strongest and fastest leak sealant on the market, with the ability to treat up to 10 tons in one application. EasySeal Ultimate features Rapid Fusion Technology™ for a stronger bond with quick and easy injection. The UV dye version allows you to see where larger leaks are with the use of a UV light.

EasySeal Ultimate LS	Systems 2-10 tons	4050-08
EasySeal Ultimate LS/UV	Systems 2-7.5 tons (with UV dye)	4050-11
EasySeal Ultimate SS	Systems up to 2 tons	4050-05
EasySeal Ultimate SS/UV	Systems up to 2 tons (with UV dye)	4050-21
LS Bulk 6-Pack	Systems 2-10 tons	4050-07
LS/UV Bulk 6-Pack	Systems 2-7.5 tons (with UV dye/UV flashlight)	4050-12
UV Leak Detection Kit	UV flashlight and glasses	4050-15

A2L READY

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EasyDye™ – Leak Detection

EasyDye, a fluorescent leak detection dye, simply injects into an AC/R system in seconds, and its fluorescent color helps contractors find refrigerant leaks anywhere in the system. It works with all commercially available oils, and it is perfect for split systems, heat pumps, microchannel coils, packaged units and mini-splits. EasyDye is super concentrated for use in 1.5 to 6 ton systems. Leaks can be easily found using a UV flashlight like the one sold in our UV Leak Detection Kit (4050-15).

EasyDye	Systems 1.5 to 6 tons	4050-51
UV Leak Detection Kit	UV flashlight and glasses	4050-15

Scan For Video

A2L READY

A/C EasySeal® – Leak Sealant

A/C EasySeal prevents and seals refrigerant leaks in residential and light commercial AC/R systems. It is perfect for those hard-to-find and expensive-to-fix leaks and works with all refrigerants. It is easily installed with the reusable piercing valve and hose. A/C EasySeal circulates with the system's refrigerant, and if a leak should occur, it will quickly and permanently seal the leak and prevent the system from losing refrigerant and shutting down.

A2L READY

A/C EasySeal	Pressurized can - treats 1.5 to 5 ton systems	4050-06
"2+1" Display Pack	2 cans of A/C EasySeal and an A/C Piercing Valve and Hose	4050-02
A/C Piercing Valve and Hose	Use with A/C EasySeal and A/C EasySeal-SS	4051-99

Rx11-flush®

Rx11-flush is a high-performance solvent engineered to flush contaminants out of refrigerant systems. Time-tested for over two decades, Rx11-flush is the industry's leading choice for reinstating existing line sets when changing to HFCs or or the new A2L refrigerants. It is powerful enough to flush away sludge, carbon deposits, old oil, acids, moisture and other contaminants dissolved in the oil layer that remains in line sets. Because it has an optimal boiling point, is non-flammable and is the strongest flush on the market, it is the only trusted option for flushing an entire system after a burnout or flushing contaminants out of old line sets.

Rx11-flush Starter Kit	Contains a 1 lb. canister, Rx11-flush Gun and Hose, and Injection Valve	4300-08†
1 lb. canister	Flushes 1-2 line sets	4300-09†
"2+1" Display Pack	Contains one Injection Valve and two 2 lb. canisters	4300-10†
2 lb. canister	Flushes up to 5 line sets	4300-11†
13 lb. canister	Recommended for up to 50 ton system or 30+ line sets	4300-15
26 lb. canister	Recommended for systems over 50 tons or 60+ line sets	4300-26

Scan For Video

Rx11-flush® Liquid

Rx11-flush Liquid is a high-performance solvent engineered to flush contaminants out of refrigerant systems. Just like the aerosol Rx11-flush, this liquid version is powerful enough to flush away sludge, carbon deposits, old oil, acids, moisture, and other contaminants dissolved in the oil layer that remains in line sets. Because it has an optimal boiling point, is non-flammable and the strongest flush on the market, it is the only trusted option for flushing an entire system after a burnout or flushing contaminants out of old line sets.

19.5 ounce can	4300-30
Rx11-flush Liquid Starter Kit	4300-38

Rx11-flush® Accessories

The Rx11-flush product family also includes various support tools. This includes the Injection Valve for hooking up to a charging hose for flushing and the Flushing Tool for facilitating line set flushing. In addition, the Rx11-flush Gun with a built-in flushing attachment and the Rx11-flush Hose (24″) are available.

Flushing Tool	4300-50
Rx11-flush Gun	4300-51
Rx11-flush Hose (24″)	4300-52
Injection Valve	4300-89

† Product not available for sale in Canada.

Rx-Acid Scavenger® – Acid Neutralizer

The most effective way to neutralize or "scavenge" acid in refrigeration and air conditioning systems. Rx-Acid Scavenger is perfect for use after burnouts or during normal on-going system maintenance. In addition, Rx-Acid Scavenger can be used with all lubricants: mineral, alkylbenzene, and polyol ester. Now available in a pressurized can for easy injection into charged systems or hermetically sealed systems. Connect Inject version is a quick, injectable treatment that uses the Connect Injector Tool. Two-ounce bottle can be installed with the Universal Treatment Injector Tool.

2 fluid ounce unpressurized bottle	4301-02
3.8 ounce pressurized can	4301-05
Injection Valve	4300-89
Rx-Acid Scavenger Connect Inject	4301-06
Connect Injector Tool	4155-01

A2L READY

A/C Re~New – Performance Enhancer

A/C Re-New is a highly formulated, OEM approved product that has established an outstanding track record enhancing the performance of air conditioning and refrigeration systems. A/C Re-New frees sticky valves, quiets noisy compressors, reduces energy consumption by lowering starting and running amps, and improves heat transfer in the evaporator and condenser. It's great for new systems as a preventative or to reinstate performance of older systems. It can also assist in oil return with R-22 replacement refrigerants. It's available in a quick, injectable treatment (using the Connect Injector Tool) or in a four-ounce can to be used with the Universal Treatment Injector Tool.

1 quart can	4057-54
4 fluid ounce can	4057-55

A/C Re-New Connect Inject	4057-56
Connect Injector Tool	4155-01

A/C ReStart™ – Retrofit Lubricant Treatment

A/C ReStart is a POE lubricant treatment designed specifically for R-22 retrofits. It eliminates oil change-out by boosting oil return. A/C ReStart also includes Rx-Acid Scavenger for addressing trace acids during retrofits. It's available in a quick, injectable treatment (using the Connect Injector Tool) or in a four-ounce can to be used with the Universal Treatment Injector Tool.

4 fluid ounce can	4060-55
A/C ReStart Connect Inject	4060-56
Connect Injector Tool	4155-01

Universal Treatment Injector Tool

The Universal Treatment Injector is a multi-use tool designed for field configuration to dose a variety of Nu-Calgon treatments into the system, depending on the situation. For use with A/C Re-New, A/C ReStart, Rx-Acid Scavenger or EasyDye products. The tool is modular in design allowing assembly to a desired internal volume, whether it is 1, 2, 3 or 4 fluid ounces. Does not require air evacuation by a vacuum pump before system injection.

Universal Treatment Injector Tool	4779-0

Phase III® Refrigeration Oil Acid Test Kit

Formulated for use with POEs as well as mineral oils and alkylbenzene, Phase III is an inexpensive, disposable test kit that provides proof-positive that acid level in refrigeration oil is either safe or unsafe. Phase separation makes it easy to see change in color of acid indicator (even if a leak detection dye has been added to the oil). With just two bottles to use, it is simple, safe, accurate, and small enough that you can carry several in your tool box.

1 each	4320-W8

COIL CLEANER SELECTION GUIDE

Scan QR Code for Nu-Calgon Coil Cleaners

Nu-Calgon Coil Cleaners Found on Pages 6-9

	NU-BRITE®	FOAM-BRITE®	ALKA-BRITE® PLUS	CAL-BRITE® PLUS	TRI-POW'R®HD		CALCLEAN®	SPECIAL HD CALCLEAN®	TRICLEAN™2X	NU-SOLVE™NR
EQUIPMENT USED ON										
Condenser Coils	•	•	•	•	Liquid •	Aerosol •	•	•	•	•
Mini-Split Condenser Coils					•	•	•	•	•	•
Small Condenser Coils	•	•	•	•	•	•	•	•	•	•
Evaporator Coils				•	•	•	•	•		
Mini-Split Evaporator Coils					•	•	•	•		
Small Evaporator Coils				•	•	•	•	•		
Microchannel Coils					•	•	•	•	•	•
Electronic Air Filters								•		
Fan Blades, Permanent Filters				•	•	•	•	•	•	•
FORMULATED TO REMOVE										
Greasy Dirt & Oil	•	•	•	•	•		•	•	•	•
Cooking Grease	•	•	•		•		•	•		•
Lint, Dust, Dirt & Grime	•	•	•	•	•		•	•	•	•
Tobacco Tars								•		
Oxide (Corrosion) Deposits	•	•	•	•						
Cottonwood/ Bugs	•	•	•	•				•		
FEATURES & BENEFITS										
Product Type	Alkaline		Alkaline	Alkaline	Acidic	Alkaline		Alkaline	Alkaline	Alkaline	Alkaline
Foaming	Liquid •	Aerosol •	•	•	•	Liquid	Aerosol				
Brightening	•	•	•	•	•						
Degreasing	•	•	•	•	•	•	•	•	•	•	•
EPA Registered Disinfectant											
No Rinse (Evaporators)						•*	•*	•*	•*		
No Rinse (Condensers)											•
Biodegradable	•	•	•	•	•	•	•	•	•	•	•
U.S. EPA's Safer Choice Program											
NSF Registered	•		•	•		•	•	•	•	•	
NSF Registered (Safe for Food Processing)								•			

*Dilution ratios for no rinse applications: Tri-Pow'r HD = 10:1, Special HD CalClean = 40:1, CalClean = 10:1, Green Clean = 10:1

COIL CLEANER SELECTION GUIDE

	CAL-GREEN™	EVAP-GREEN™	EVAP POW'R®-C	EVAP-FRESH™ † NO RINSE EVAPORATOR COIL CLEANER AND DISINFECTANT	GREEN CLEAN	EVAP FOAM® NO RINSE	BLACKHAWK®	NU-BLAST®	CAL-BLAST®II	VIROGUARD™ † NO RINSE
EQUIPMENT USED ON										
Condenser Coils	•				•		•	•	•	
Mini-Split Condenser Coils	•				•		•	•	•	
Small Condenser Coils	•				•		•	•	•	
Evaporator Coils		•	•	•	•	•	•			•
Mini-Split Evaporator Coils		•	•	•	•	•	•			•
Small Evaporator Coils		•	•	•	•	•	•			•
Microchannel Coils	•	•	•	•	•	•	•	•	•	•
Electronic Air Filters										
Fan Blades, Permanent Filters	•	•			•	•	•	•	•	
FORMULATED TO REMOVE										
Greasy Dirt & Oil	•	•	•		•	•	•	•	•	
Cooking Grease							•	•	•	
Lint, Dust, Dirt & Grime	•	•	•	•	•	•	•	•	•	•
Tobacco Tars										
Oxide (Corrosion) Deposits										
Cottonwood/ Bugs										
FEATURES & BENEFITS										
Product Type	Alkaline	Alkaline	Alkaline	Alkaline	Alkaline	Alkaline	Alkaline	Solvent	Solvent	Alkaline
Foaming				Liquid / Aerosol •		•	Liquid • / Aerosol •			•
Brightening										
Degreasing					•	•	•	•	•	
EPA Registered Disinfectant				•	•					•
No Rinse (Evaporators)		•	•	•	•*	•	•	•		•
No Rinse (Condensers)								•	•	
Biodegradable	•	•	•	•	•	•	•	•		•
U.S. EPA's Safer Choice Program	•	•			•					
NSF Registered	•	•	•			•	•	•		
NSF Registered (Safe for Food Processing)	•	•	•				•	•		

† Product not registered for sale in Canada.

Aerosol 18 ounce can	4291-18
1 gallon bottle	4291-08
2.5 gallon pail	4291-05
55 gallon drum	4291-01
ULTRA Concentrate quart	4291-92
4x concentrate 1 quart*	4291-90

NSF

Nu-Brite®

Nu-Brite is the most effective coil cleaner available today. It foams, brightens, and cleans more effectively than acids, particularly in removing grease. Biodegradable. The liquid versions are NSF registered*.

What makes Nu-Brite #1?

- Heavy duty, designed for the toughest grease and grime removal
- High-foaming action to attack heavy soils and impacted coils
- Produces cleaner and brighter coils, restoring heat transfer and air flow

Foam-Brite® – Biodegradable Foaming Cleaner

The ultimate in foaming alkaline cleaners, Foam-Brite cleans and brightens while at the same time providing tremendous foaming to push dirt and grime out of the coil. Can easily be used in place of the more dangerous HF acid-based products. Biodegradable. NSF registered.

1 gallon bottle	4178-08
2.5 gallon pail	4178-05
55 gallon drum	4178-01

NSF

Alka-Brite® Plus – Non-Acid Foaming Cleaner

A non-acid, alkaline based product for brightening and cleaning air-cooled condensers, Alka-Brite Plus contains the best available detergents to quickly penetrate and remove oxidation. Its foaming action helps to lift greasy soils out of the coil. Biodegradable. NSF registered*.

1 gallon bottle	4120-08
2.5 gallon pail	4120-05
55 gallon drum	4120-01
4x concentrate 1 quart*	4120-90

NSF

Nu-Solve™ NR – No Rinse Cleaner and Protector

Ready-to-use, no-rinse condenser coil cleaner for situations with limited water availability for rinsing. Nu-Solve NR is also for other applications where it is desirable to have less diluted cleaning solution on a commercial roof or when a solvent-based aerosol approach is not practical. It effectively emulsifies dirt and grime and provides a benefit of leaving a protective treatment on the aluminum for added corrosion protection, making the next cleaning easier.

1 gallon bottle	4295-08

TriClean™ 2x – Rapid Emulsifier Convenient Coil Cleaner

The new way to clean a condenser coil. Simply connect to hose, clean, and rinse. TriClean 2x is metal-safe and designed for rapid emulsion of soils from the coil. Restores efficiency and is ideal for painted fin and microchannel coils. Eliminates the need for a sprayer. NSF registered.

1 quart sprayer with hose connector	4372-24

NSF

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Complete Care Mini-Split Kit

The Complete Care Mini-Split Kit contains everything you need to clean the coils on four mini-split units. The kit includes two packages of Gel Tabs Mini condensate pan treatment, two cans of Tri-Pow'r HD Aerosol coil cleaner, one Clean Guard maintenance bag and a reusable bucket.

Complete Care Mini-Split Kit	4151-18

* Use with CleanConnect Sprayer (4773-0)
4X quarts not NSF registered.

19 ounce can	4371-75
1 gallon bottle	4371-88
2.5 gallon pail	4371-86
55 gallon drum	4371-81
ULTRA Concentrate quart	4371-92
4x concentrate 1 quart*	4371-90

NSF

Tri-Pow'r® HD – Degreaser and Deodorizer Cleaner

An outstanding general purpose coil cleaner, providing detergency and degreasing as well as deodorizing capability. Its positive emulsion technology is very effective against oily grime as it converts the deposits into a more liquid form that can be easily rinsed. It is non-acid, non-toxic, and biodegradable. NSF registered*. Also great for microchannel coils.

Evap Pow'r®-C – No Rinse Biodegradable Cleaner

A no-rinse product formulated for cleaning evaporator coils, Evap Pow'r-C is metal-safe, and it cleans and emulsifies even the most stubborn soils and deposits. Biodegradable. NSF registered (safe for food processing). Also great for microchannel coils.

1 gallon bottle	4168-08
2.5 gallon pail	4168-05
55 gallon drum	4168-01
ULTRA Concentrate quart	4168-92

NSF OEM APPROVED

HD CalClean® – Non-Foaming Tar Cleaner

The best non-foaming cleaner available, Special HD CalClean is specifically formulated to remove tobacco tars from electronic air cleaners as well as the most stubborn deposits from finned coils. NSF registered. Also great for microchannel coils.

1 gallon bottle	4143-08
2.5 gallon pail	4143-06
55 gallon drum	4143-01

NSF

CalClean® – Alkaline Degreaser Cleaner

An alkaline detergent formulated for cleaning evaporator coils, air-cooled condenser coils, metal filters, fan blades, and other surfaces soiled with grease, dust and dirt. Biodegradable. NSF registered (safe for food processing). Also great for microchannel coils.

1 gallon bottle	4135-08
2.5 gallon pail	4135-06
55 gallon drum	4135-01

NSF

Blackhawk® – Coil Cleaner for Kitchens

This evaporator and condenser coil cleaner is specially engineered to use in kitchens to remove grease, grime, and other soils commonly found on HVACR coils. It's safe for use in occupied buildings with no objectionable fumes, making it ideal for various commercial applications.

1 gallon bottle	4127-08
18 ounce can	4127-75

NSF OEM APPROVED

Cal-Brite® Plus – Low pH Cleaner

A low pH cleaner developed for cleaning evaporator coils, air-cooled condensers, and other finned cooling and heating coils. Its versatility is based upon a synergistic acid formulation and other unique ingredients. It provides moderate foaming and brightening and is safe for use indoors as well as outdoors. It's particularly suitable when lime scale must be removed from outdoor coils.

1 gallon bottle	4133-08
55 gallon drum	4133-01

CHECK US OUT ON SOCIAL

* Use with CleanConnect Sprayer (4773-0)
4X quarts not NSF registered.

The following products are part of Nu-Calgon's Environmentally Friendly Green Select line. These coil cleaners meet the U.S. EPA Safer Choice Program standards, making them a safer choice for the user and the environment.

GREEN SELECT

SAFER CHOICE
Meets U.S. EPA Safer Product Standards
epa.gov/saferchoice

Cal-Green™ Condenser Cleaner – Fragrance Free, Non-Foaming

Cal-Green is a plant-based, fragrance-free condenser cleaner that is powerful enough to remove dirt, grease, and grime. It meets the U.S. EPA Safer Choice Direct Release Program standards, making it a safer choice for the user and the environment. This non-foaming, non-toxic concentrate is perfect for cleaning residential or commercial systems and restores their efficiency while being environmentally responsible. Also OEM approved for microchannel coils. NSF registered.

1 gallon bottle	4190-08
55 gallon drum	4190-01
4x concentrate 1 quart*	4190-90

NSF OEM APPROVED

* Use with CleanConnect Sprayer (4773-0). Cal-Green 4x is not an EPA Safer Choice Product and is not NSF registered.

Evap-Green™ Evaporator Cleaner – Fragrance Free, No-Rinse

Evap-Green is a fragrance-free, no-rinse product that is perfect for numerous heating and air conditioning applications, such as evaporator coils, roof top units, window units, metal filters, fan blades, and more. Evap-Green meets the U.S. EPA Safer Choice Direct Release Program standards, making it a safer choice for the user and the environment. It is also biodegradable and will not harm plants, animals, or aquatic life. Metal-safe — meets OEM guidelines for all aluminum coils, including microchannel types. NSF registered.

1 gallon bottle	4191-08
55 gallon drum	4191-01

NSF OEM APPROVED

Green Clean – Biodegradable, All-Purpose Cleaner

Green Clean is a pleasantly scented, all-purpose, environmentally friendly cleaner designed for the rapid removal of grease and other heavy soils on coils and other surfaces. It meets the U.S. EPA Safer Choice Program standards. It can be used right out of the bottle or diluted for milder jobs. Biodegradable. Also great for microchannel coils.

1 quart spray bottle	4186-24
1 gallon bottle	4186-08
55 gallon drum	4186-01

Evap-Fresh™ No Rinse Evaporator Coil Cleaner and Disinfectant†

A ready-to-use, non-abrasive, HVAC cleaner and disinfectant for evaporator coils in small air conditioners, commercial air handling equipment, HVAC cooling coils and refrigeration equipment. Evap-Fresh No Rinse Evaporator Coil Cleaner and Disinfectant kills SARS-CoV-2 (COVID-19 virus) on hard non-porous surfaces in just 60 seconds! It also kills H1N1 Influenza A Virus. EPA registered.

1 gallon bottle	4166-08
55 gallon drum	4166-01

Evap-Fresh™ No Rinse Evaporator Coil Cleaner and Disinfectant†

A ready-to-use cleaner and disinfectant for evaporator coils. It effectively cleans as well as controls mold and bacteria. This disinfectant cleaner is perfect for air conditioners, commercial air handling units, HVAC cooling coils, refrigeration equipment and evaporator coils. EPA registered.

18 ounce can	4166-75

† Product not registered for sale in Canada.

Evap Foam® No Rinse

Evap Foam No Rinse is a high-performing, heavy-duty detergent. It is formulated with special surfactants and alkaline cleaners that have been developed into a foaming, no-rinse product. Evap Foam is ideal for use on most coils, but it is particularly suited for use on cooling or evaporator coils. The aerosol can be sprayed either right side up or upside down. NSF registered.

18 ounce can	4171-75

Cal-Blast® II – Powerful Anti-Oil Cleaner

A high-performance aerosol with excellent solvency and blasting spray, to powerfully separate undesirable materials from the surface, offering maximum cleaning of finned coils. Cal-Blast II condenser coil cleaner quickly dissolves those stubborn, resistive deposits and oils that are found to plug coils, particularly those located in kitchens.

13.6 ounce can	4132-21

ViroGuard™† No Rinse – Disinfectant

ViroGuard No Rinse Evaporator Coil Cleaner and Disinfectant is formulated to disinfect inanimate hard, non-porous surfaces such as air conditioning evaporator coils HVAC catch pans and drain pans. ViroGuard is also suitable for use on PTACS, window units, mini-splits, refrigeration equipment, freezer evaporative coils, and ductless systems. It is EPA registered to kill Pandemic 2009 H1N1 Influenza A Virus and disinfect against Legionella Pneumophila. Its formula is listed on the EPA's List N products for use against SARS-CoV-2, the virus that causes COVID-19.

18 ounce can	4376-75

Nu-Brite®

Nu-Brite is a very effective degreaser and cleaner on condenser coils. Its high foaming characteristic will help push soil deposits out of the coil, leaving it clean and bright. With proper ventilation, it can also be used as a kitchen degreaser by emulsifying stubborn, resistive grease deposits found on coils located in kitchens. Product should be used where adequate rinsing is possible.

18 ounce can	4291-18

Tri-Pow'r® HD

Tri-Pow'r 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 microchannel. Tri-Pow'r can be used for evaporator "no-rinse" applications where ample condensate will self-rinse the coil.

19 ounce can	4371-75

Talon

The Talon Flexible Aerosol Wand is a purpose-designed accessory, measuring 27 inches long, tailored for precision spraying in hard-to-reach locations, particularly when injecting a product into a small opening. The reusable Talon is highly flexible, yet it retains its shape memory when maneuvering around equipment components or cabinetry for spraying.

For use with Nu-Calgon's: Evap Foam No Rinse, Blackhawk, Pentrate HD, and Evap Fresh No Rinse Evaporator Coil Cleaner and Disinfectant

1 each	4776-0

COIL PROTECTANTS

DuraCoil™ – Anti-Corrosive Coating

DuraCoil is a long-lasting gray coating for coils and surfaces in corrosive environments. It uses a durable, OEM-approved Heresite® coating. DuraCoil has a fast, air-dry formula that bonds to all metals and causes negligible heat transfer loss across the coil. Great for repairing an OEM-approved coil coating that has been compromised while in service!

11 ounce can	4083-91

GRAY COLOR

Cal-Shield® – Coil Protection

Cal-Shield is a synergistic fluoro-additive liquid formulation pretreatment of the coil for special duty circumstances. It's designed for application on air-cooled condensers, evaporator coils, and other finned heating and cooling coils. Cal-Shield will shield and protect the coil from adverse conditions.

1 quart spray bottle	4148-32
1 gallon bottle	4148-08

† Product not registered for sale in Canada.

Replacement parts are available for all Nu-Calgon sprayers. Contact your local wholesaler.

Coil Gun®

Coil Gun is a “hose-end” sprayer that features five different mix ratio settings designed for coil cleaners. Utilizes a 2 quart capacity bottle and includes a foam wand as well as “quick disconnect” capability. The Coil Gun Probe accessory has a 3-foot spray wand plus hose that creates a 90° direction of spray, allowing cleaning from inside the coil. It also provides easy access in tough-to-reach locations.

Coil Gun	4774-0
Coil Gun Probe	4774-1

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Turbo Tank Rinsing Sprayer

The Turbo Tank is a battery-operated, portable sprayer designed for use with water to rinse cleaning solutions off of HVAC coils. The sprayer is ideally suited for rinsing mini-splits, ceiling cassette units and coils in remote areas. Designed for use only with clean water, the sprayer includes a heavy-duty rechargeable battery, battery charger, spray gun, shoulder strap, two spray nozzles and an eight-inch, 90-degree spray wand.

Turbo Tank Sprayer	4781-00

Clean Guard™ Bags

Professional mini-split maintenance bags that protects walls and flooring from cleaning solutions when cleaning the indoor coil. It installs in seconds, with an elastic collar that snaps around the unit. Product offers 360-degree coverage with an eight-foot drain line. Heavy duty plastic can be reused on repeated maintenance calls. The 4150-01, 4150-02, and 4150-03 have antimicrobial embedded into the plastic, as well as hook-and-loop attachments for easier cleaning of the bag after use.

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

Clean Connect™ Sprayer

Clean Connect Sprayer easily connects to Nu-Calgon's 4x Concentrate Coil Cleaners (Nu-Brite 4x, Alka-Brite Plus 4x, Tri-Pow'r HD 4x and Cal-Green 4x). There's no need to pour any coil cleaner, preventing any spilling from occurring. The sprayer regulates the dilution of coil cleaner with water to make coil cleaning easier than ever!

1 each sprayer	4773-0

Nu-Brite® 4x	4291-90
Alka-Brite+® 4x	4120-90
Tri-Pow'r® HD 4x	4371-90
Cal-Green™ 4x	4190-90

POLY SPRAYERS

4770-0 4770-20 4771-20 4771-30 4772-0 4768-W3

Model	Construction	Capacity	Features	Part #
No. 50P	High-density translucent polyethylene	3 pints	Plastic adjustable nozzle	4770-0
No. 120CP	High-density translucent polyethylene	1 gallon	Plastic wand & adjustable nozzle	4770-20
No. 200P	High-density translucent polyethylene	2 gallons	Brass wand & adjustable nozzle	4771-20
No. 220CP	High-density translucent polyethylene	2 gallons	Plastic wand & adjustable nozzle	4771-30
No. 300P	High-density translucent polyethylene	3 gallons	Brass wand & adjustable nozzle	4772-0
Multi-purpose Sprayer	Plastic bottle with trigger sprayer	24 ounces	Bottle marked for dilutions	4768-W3

Coil Mate™ Coil Cleaning Hose

Durable 5/8 inch diameter reinforced hose with Flex-Guard protection. The 50-foot hose is equipped with solid brass wrench fittings. The Coil Mate is a necessity when using the popular Coil Gun® or rinsing an air-cooled coil with water after using a Nu-Calgon coil cleaner.

Coil Mate Hose	61231
Hot Water Hose	61238

SCORPION™ UVC-LED Disinfecting System

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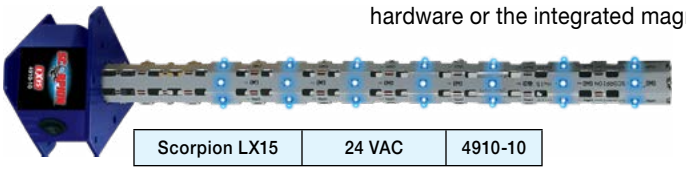
Scorpion™ UVC-LED Disinfecting System

The Scorpion™ devices focus on surface disinfection on the HVAC evaporator coil and surrounding surfaces, using UVC-LED lights to kill mold, bacteria, and viruses in a matter of minutes. The Scorpion's LED lights have 30,000 hours of run time, lasting five times longer compared to standard mercury UV bulbs when using the integrated air-flow sensor. In addition to the robust shatterproof LED design, all Scorpion models are IP65/67 fully waterproof and dustproof. The Scorpion's LEDs utilize the 265nm UVC wavelength for maximum efficacy and performance.

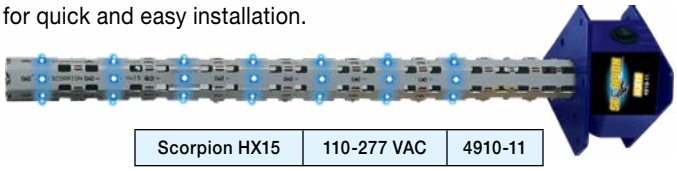
SCORPION™ UVC-LED Disinfecting System

SCORPION™ UVC-LED Disinfecting System

The Scorpion LX15 and HX15 are 15" long UVC-LED systems designed for residential applications. The LX15 and HX15 units include dual installation options with provided hardware or the integrated magnet for quick and easy installation.



Scorpion LX15	24 VAC	4910-10

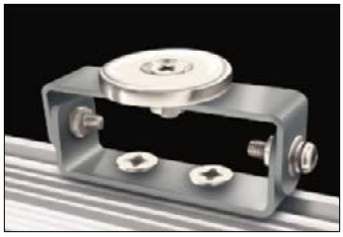


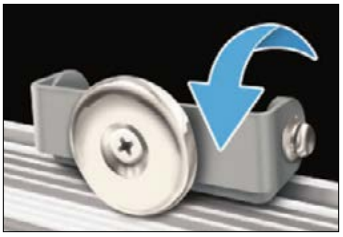
Scorpion HX15	110-277 VAC	4910-11

NEW! SCORPION™ UVC-LED Disinfecting System COMMERCIAL GRADE

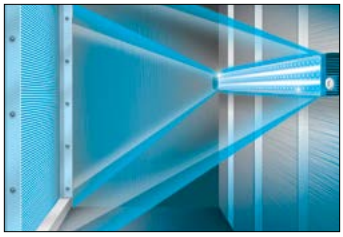
The Scorpion CX30 is a 30" long UVC-LED system designed for commercial applications. The CX30 is designed for the toughest commercial environments. The CX30 includes unique adjustable brackets and commercial grade magnets for easy installation and ensure maximum exposure and treatment on the HVAC coil.

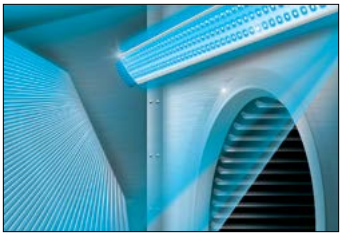
Scorpion CX30	VAC208-480	4910-20





Adjustable mounting brackets with commercial grade magnets





Powerful LED lights that kill harmful bacteria

OVER 5X LIFE

VALIDATED UL 2998

ASSEMBLED IN THE USA

Kills Pathogens

Integrated Air Flow Sensor

Kills Mold

Shatterproof LED Design

NU-CALGON AIR IONIZATION SYSTEMS HELP IMPROVE INDOOR AIR QUALITY

Nu-Calgon offers a complete line of bipolar, high-output ion generators designed specifically for treating the air in occupied spaces. As the air flows past these devices, positive and negative ions actively treat the supply air, reducing certain viruses and bacteria* on the coil and in the occupied space. The ionization process also reduces smoke and static electricity, as well as reducing odors (cooking, pet, VOCs) and other particles in the air. All models carry a three-year limited warranty.†

Helps Keep the HVAC Coil Cleaner Longer

Reduces Smoke and Other Airborne Particulate

Reduces Cooking Odors and Pet Odors

Reduces Volatile Organic Compounds (VOCs)

NuShield

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NuShield-R Up to 6 tons	4900-60

NuShield-CX Up to 12 tons, External mount	4900-55

NuShield-CI Up to 12 tons, Internal mount	4900-50

BREATHE CLEANER, FRESHER AIR!

Nu-Calgon air ionization systems are highly effective in homes, as well as schools, restaurants, medical offices and other types of businesses. Their patented technology uses positive and negative ions to address IAQ issues, cleaning the air inside industrial, commercial and residential buildings.

Nu-Calgon's Air Ionization Helps:

- Restaurants
- Sports Arenas
- Office Buildings
- Assisted Living
- Government Buildings
- Fitness Studios
- Places of Worship
- Healthcare Facilities
- Museums and Galleries
- Residential Homes
- Schools and Universities

iWave

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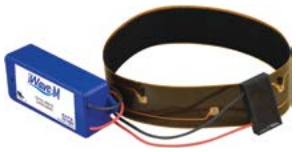
iWave-C Up to 12 tons	4900-10

iWave-R Up to 6 tons	4900-20



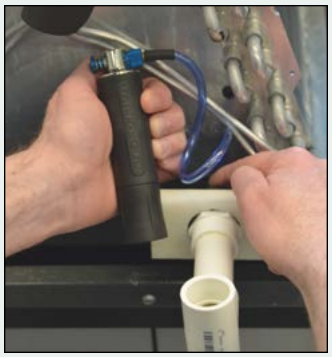
iWave-M Ductless systems	4900-35

iWave-V Up to 6 tons	4900-40

*Visit iWaveAir.com for performance data.
† For a valid warranty claim within three years, proof of purchase and proof of installation by a licensed HVAC or electrical contractor must be provided. See full warranty for complete details.

Gallo Gun® – Drain Line Clearer

The Gallo Gun is a lightweight portable tool designed to blow out condensate drain lines instantly. Simply insert a Gallo Gun CO_2 cartridge into the Gallo Gun and with a press of the trigger, oil-free, food-grade air instantly clears the line. Revolutionary housing fits the standard 16g cartridge or the larger 20g cartridge for 25% more clearing power! Each unit comes equipped with a tapered fitting to work on drains up to 3/4in in diameter. The extremely light and flexible hose assembly maneuvers through tight openings, cabinets and coils.



Gallo Gun (includes 20G cartridge)	4179-01
Mag20 Cartridges (12 pack)	4179-20
Mag16 Cartridges (12 pack)	4179-16
Gallo Gun Cannon	4179-05

Gallo Gun® Cannon

The Gallo Gun Cannon is an inflatable drain opening accessory that works with the Gallo Gun to quickly and easily clear clogged 3/4″ PVC condensate drain lines through the existing 3/4″ tee.

Gallo Gun Cannon	4179-05

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ViroBlaster™

ViroBlaster is a portable electrostatic mist sprayer designed to easily and effectively dispense cleaners, sanitizers and disinfectants on any hard, non-porous surface. It features an electrostatic method of spraying, which helps the product cling to surfaces much more efficiently than a standard sprayer. Includes one rechargeable battery and battery charger.

ViroBlaster Sprayer	4780-0
Additional Rechargeable Battery	4780-1
Additional Battery Charger	4780-2

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Complete Care Mini-Split Kit

The Complete Care Mini-Split Kit contains everything you need to clean the coils on four mini-split units. The kit includes two packages of Gel Tabs Mini condensate pan treatment, two cans of Tri-Pow'r HD Aerosol coil cleaner, one Clean Guard maintenance bag and a reusable bucket.

Complete Care Mini-Split Kit	4151-18

Clean Guard™ Bags

Professional mini-split maintenance bags that protects walls and flooring from cleaning solutions when cleaning the indoor coil. It installs in seconds, with an elastic collar that snaps around the unit. Product offers 360-degree coverage with an eight-foot drain line. Heavy duty plastic can be reused on repeated maintenance calls. The 4150-01, 4150-02, and 4150-03 have antimicrobial embedded into the plastic, as well as hook-and-loop attachments for easier cleaning of the bag after use.

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

Pan-Treat®

Pan-Treat condensate tablets control odors and prevent overflows caused by plugged condensate drain lines. They can also be used in humidifiers. They are very easy to use, as well as non-corrosive, non-toxic, and biodegradable.

1 bottle (200 tablets)	4296-60

Gel Tabs™

Formulated with a breakthrough technology for treating air conditioning drain pans and lines. Keeps the drain pan from clogging and eliminates foul and musty odors. When activated by condensation, the tablet will turn to gel and lock into place. Dissolves continuously and completely for up to three months. Stack together to increase duration. Gel Tabs Mini is designed to fit in mini-split pans.

3 ton tab (12 in tube)	4185-03
3 ton Contractor Pack (80 count)	4185-80
3 ton tab bulk (200)	4185-04
5 ton tab (6 in tube)	4185-05
5 ton Contractor Pack (40 count)	4185-40

5 ton tab bulk (100)	4185-06
15 ton tab (1 each)	4185-15
20 ton tab (1 each)	4185-20
Gel Tabs Mini	4185-95

PanPads†

PanPads are formulated to eliminate the build-up of bacteria and slime growth in air conditioning and refrigeration condensate drain pans. In laboratory tests, they have been proven effective against a wide spectrum of harmful bacteria, including Legionella. The product is EPA registered for this application. NSF registered.

15 (up to 15 tons)	4296-24
45 (up to 45 tons)	4296-45

5 (up to 5 tons)	4295-34
5 Slim (up to 5 tons)	4295-36

NSF

PurCool® Tablets

PurCool Tablets utilize a powerful formulation to effectively maintain clean and free-flowing drain pans, preventing costly water damage from overflows. They control sludge, slime, clogs, odors, and corrosion in A/C condensate pans, pumps, and humidifiers.

1 bottle (200 tablets)	61053

PurCool® Strips

Use PurCool Strips to keep A/C and refrigeration condensate drain pans clean and flowing freely, preventing clogs, overflows, and corrosion. When placed in a drain pan, they adhere securely, dissolve completely without residue, and are safe for metal and plastic pans, lasting up to six months.

3 ton strip	61043
3 ton strip bulk (100)	61047
5 ton strip	61042

10 ton strip	61041
30 ton strip	61040

PurCool® Green Strips and Tablets

PurCool Strips/Tablets prevent sludge, odors, and condensate pan overflow with a time-release formula that utilizes a plant-based suspending and dispersing action to keep drain pans clean and free-flowing. Suitable for commercial, residential, and mini-split use, each strip/tablet lasts up to six months and is biodegradable, eco-friendly, and safe for aquatic life.

PurCool Green Mini Strip	61044
PurCool Green Commercial Strip 10 ton	61045
PurCool Green Commercial Strip 30 ton	61046
PurCool Green 3 ton tablet	61048

PurCool Green 3 ton bulk (200)	61049
PurCool Green 5 ton tablet	61051
PurCool Green 5 ton bulk (100)	61052

† Product not registered for sale in Canada.

PowerZyme™ and PowerZyme Gel – Drain Line Treatment

PowerZyme liquid is an enzyme-based drain line treatment designed to keep HVAC and food service drains from clogging or fouling from sludge or organic matter. PowerZyme can easily be dispensed from the quick flip top spout to address a variety of applications.

PowerZyme Gel's powerful enzyme-based gel formula will treat slow moving drains that have been fouled from sludge, grease and fat, or sugar and syrups. The unique gel formula will cling to vertical surfaces, such as evaporator coils or drain lines, to provide treatment up to three months. NSF registered.

PowerZyme 8 ounce bottle	4298-21
PowerZyme 32 ounce bottle	4298-22
PowerZyme Gel 32 ounce bottle	4298-24

NSF

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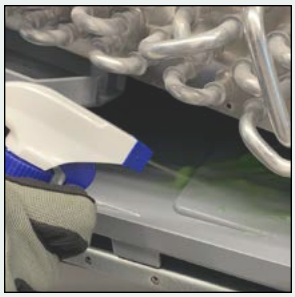


Bio-Fresh® cd†

A ready-to-use bacteriostatic, fungistatic, and deodorizer based upon chlorine dioxide technology. Inhibits the growth of bacteria, mold, mildew, fungi, and yeasts in IAQ applications, and it may be applied to occupied spaces. EPA registered for use in HVACR ventilating equipment, including coils, condensate pans, filters, and duct-work. Easily applied by spraying, brushing, sponging, or wiping. Use Bio-Fresh Fogger for spraying in duct work and large areas.

1 quart spray bottle	4126-34
1 gallon bottle	4126-38
Bio-Fresh Fogger	4693-0

Humidifier Panel™ Replacements

ClenAir Universal Humidifier Panels provide optimum moisture output, performance, and durability, replacing panels from brands like Aprilaire, Honeywell, Carrier, Bryant, Lennox, ICP, and others. The material in Ultra Upgrade Humidifier Panels retains water, increasing moisture output and reducing water waste by up to 50%.

Universal Humidifier Panel - #10 size	61250
Universal Humidifier Panel - #35 size	61252

Spacegard® Filter Media Replacements*

These MERV 11 filter media are direct replacements for Aprilaire SpaceGard 201 and 401. They effectively remove pollen, allergens, smoke, dust, dust mites, bacteria, spores, and pet dander. With a large surface area, they offer low resistance and last over 6 months!

*Aprilaire and Spacegard are registered trademarks of Research Products Corporation.

Replacement for Aprilaire Spacegard 201	61256
Replacement for Aprilaire Spacegard 401	61257

† Product not registered for sale in Canada.

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

Side Vent for Carbon Filtration

HVAC Odor Block®

HVAC Odor Block is not a perfume mask or cover-up. Its unique formula molecularly reacts with the airborne odor-causing compounds and eliminates them and other indoor pollutants, leaving clean, fresh air behind. They treat the air through the HVAC system. The MiniFresh is for use in mini split, PTAC, or other ductless systems.

Residential HVAC Odor Block	6106-20
Residential HVAC Odor Block XL	6107-20
Commercial HVAC Odor Block	61061

Cal-Blue® Plus Gas Leak Detector

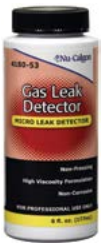
Cal-Blue Plus is a complete gas leak detector with freeze protection to 5˚F. Its high viscosity formula enables it to remain in contact with the applied surface for an extended period of time, allowing it to detect the smallest of leaks. The longest lasting bubbles in the industry! It is also non-corrosive to metal, and it will not affect ultraviolet or black lights. NSF registered.

6 ounce bottle with dauber	4182-53
1 quart spray bottle	4182-24
1 gallon bottle	4182-08

Cal-Blue® LT Gas Leak Detector

The same high quality formulation as regular Cal-Blue Plus, but it has added freeze protection to -20˚F. It is the ideal detector for geographical areas that may experience very cold temperatures. The longest lasting bubbles in the industry! NSF registered.

1 quart spray bottle	4183-24
1 gallon bottle	4183-08



Gas Leak Detector

The original industry leak detector. A high viscosity liquid that forms bubbles when daubed on a gas leak. Non-corrosive, non-staining, and harmless to skin. Detects any type of gas leak, such as air, compressed air, carbon dioxide, nitrogen, natural gas, and refrigerant gases. Freeze protection to -20˚F. Six ounce plastic bottles have dauber in cap.

6 ounce bottle with dauber	4180-53

Fluorescent Gas Leak Detector

A fluorescent formulation that provides improved visibility and long lasting bubbles. It is non-corrosive to metals and is freeze protected to 5˚F. Suitable for high and low temperature applications. Can be used for most refrigerants, natural gas and oxygen systems. USDA approved.

8 ounce bottle with dauber	4184-53
1 quart spray bottle	4184-24
1 gallon bottle	4184-08

Emkarate™ POE Lubricants

The Emkarate family of polyol ester refrigeration lubricants are designed specifically for use with HFC refrigerants. They are available in a range of viscosities. They have excellent thermal and chemical stability, and they are compatible with a wide range of elastomers, polymeric materials, and other materials of construction. Fully miscible and compatible with mineral oils and alkylbenzene lubricants, as well as with CFCs, HCFCs, and HFCs.

Emkarate RL	Viscosity	1 Quart	1 Gallon	5 Gallon	53 Gallon
22H	100 SUS		4313-46		4313-41
32H	150 SUS	4314-44	4314-46	4314-45	4314-41
32HB	150 SUS			4314-62	
32-3MAF	150 SUS	4314-64	4314-66	4314-65	4314-67
46H	200 SUS		4315-46		4315-41
46HB	200 SUS			4315-62	
68H	300 SUS	4316-44	4316-46	4316-45	4316-41
68HB	300 SUS		4316-86	4316-85	
68HP	300 SUS		4316-76		
85HB	425 SUS		4316-91		
100H	500 SUS		4317-46		
170H	850 SUS		4318-26	4318-25	4318-21
220H+	1100 SUS		4318-66	4318-65	4318-61
220XL	1100 SUS			4318-75	

C-3s, C-4s, C-5s Mineral Oil

These are mineral naphthenic lubricants manufactured by Calumet Lubricant Company and available in three viscosities. They are specifically designed for today's high performance air conditioning and refrigeration compressors using CFC and HCFC refrigerants. These compressors run at higher speeds and generate higher temperatures, and as a result, they require better lubrication. Use of these oils will ensure continued efficient operation.

Nu-Calgon	Viscosity	1 Gallon	5 Gallon	55 Gallon
C-3s	150 SUS	4303-07	4303-05	4303-01
C-4s	300 SUS	4304-07	4304-05	4304-01
C-5s	500 SUS	4305-07		4305-01

Zerol® Alkylbenzene Refrigeration Oil

Zerol Refrigeration Oil is recommended for use in all refrigeration and air conditioning applications using CFC and HCFC refrigerants. It is highly recommended by refrigerant and compressor manufacturers for use with R-22 and other HCFC blends such as R-409A as it provides many distinct advantages: excellent miscibility, excellent thermal stability, and low temperature performance compatibility with mineral oils. It is the oil of choice for R-22 and R-502.

Zerol	Viscosity	1 Gallon	55 Gallon
150	150 SUS	4310-07	4310-01
200TD	200 SUS	4308-07	4308-01
300	500 SUS	4311-07	4311-01

Vacuum Pump Oil

A quality, high-grade lubricant that performs at the deepest vacuum. It has a very low vapor pressure, and it has excellent lubricity for complete surface protection. It contains no additives or detergents.

1 pint bottle	4383-34
1 quart bottle	4383-24
1 gallon bottle	4383-07
55 gallon drum	4383-01

Idemitsu Polyvinyl Ether Lubricant (PVE)

PVE lubricants provide for increased stability and lubrication. They do not hydrolyze in the presence of moisture, a very important feature in HVACR applications. Additionally, they are compatible with other refrigeration oils and process fluids. PVE lubricants also exhibit compatibility and performance with frequently used anti-wear additives.

Idemitsu	Viscosity	1 Quart
FVC32D	150 32 SUS	4319-14
FV50S	250 SUS	4319-20
FVC68D	300 68 SUS	4319-24

PAG Oil – Zerol RFL-68EP

Polyalkylene glycol (PAG) oil is a synthetic compressor lubricant used by OEMs for CO_2 refrigeration and other specialty applications. It has outstanding lubricity and biodegradable properties, and recently has been FDA approved for use with equipment that may come in contact with food.

5 gallon pail	4316-95

ACCESSORIES

Refrigeration Oil Charging Pump

An oil pump for charging refrigeration oil into a system, even while it's running. This pump can be used for 1 gallon, 2.5 gallon, and 5 gallon containers. Incorporates an automatic bleed valve that keeps pressure equalized inside the container and includes a tapered rubber adapter that fits all container openings without the need for additional adaptors.

1 each	4814-40

CanVerter®

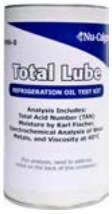
A hand-held pump used to remove or add oil to hermetic compressors. Easy to use; each stroke pumps 1 ounce of oil.

1 each	4814-0

Oil Refractometer

A precision optical instrument that allows for the rapid and accurate determination of the refractive index of oil solutions. It will specifically assist in determining the percent of residual oil remaining in a refrigeration system when converting it to a new refrigeration oil. Such retrofits require converting the mineral oil to a polyol ester (POE) or polyalkylene glycol (PAG), an alkylbenzene lubricant (Zerol®) to a POE, or a mineral oil to an alkylbenzene.

1 each	4815-0



Total Lube Refrigeration Oil Test Kit

Have a professional lab analyze the oil to help detect potential problems such as metal wear or burnouts. The analysis will provide information on the oil's moisture, total acid number, viscosity, color, and spectrochemical analysis on 20 plus metals and compounds. Help prevent potential downtime, burnouts, and costly oil changes by incorporating regular testing of the refrigeration oil.

1 each	4996-0

Evap Foam® No Rinse

Evap Foam No Rinse is a high-performing, heavy-duty detergent. It is formulated with special surfactants and alkaline cleaners that have been developed into a foaming, no-rinse product. Evap Foam is ideal for use on most coils, but it is particularly suited for use on cooling or evaporator coils. The aerosol can be sprayed either right side up or upside down. NSF registered.

18 ounce can	4171-75

Evap-Fresh® No Rinse Evaporator Coil Cleaner and Disinfectant†

A ready-to-use cleaner and disinfectant for evaporator coils. It effectively cleans as well as controls mold and bacteria. This disinfectant cleaner is perfect for air conditioners, commercial air handling units, HVAC cooling coils, refrigeration equipment and evaporator coils. EPA registered.

18 ounce can	4166-75

Blackhawk®

Blackhawk is an expanding foam coil cleaner formulated to deeply penetrate the coil. It liquefies to quickly remove grease, grime, or oily soils from deep within the coil. Blackhawk's formulation is safe and problem-free for cleaning evaporator or condenser coils in an occupied building; produces no objectional fumes. It is particularly effective on coils on refrigerators, coolers, and freezers located in restaurants and other commercial establishments. NSF registered.

18 ounce can	4127-75

Tri-Pow'r® HD

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 microchannel. Tri-Pow'r HD can be used for evaporator "no-rinse" applications where ample condensate will self-rinse the coil.

19 ounce can	4371-75

Nu-Brite®

Nu-Brite is a very effective degreaser and cleaner on condenser coils. Its high foaming characteristic will help push soil deposits out of the coil, leaving it clean and bright. With proper ventilation, it can also be used as a kitchen degreaser by emulsifying stubborn, resistive grease deposits found on coils located in kitchens. Product should be used where adequate rinsing is possible.

18 ounce can	4291-18

Cal-Blast® II

A high-performance aerosol with excellent solvency and blasting spray, to powerfully separate undesirable materials from the surface, offering maximum cleaning of finned coils. Cal-Blast II condenser coil cleaner quickly dissolves those stubborn, resistive deposits and oils that are found to plug coils, particularly those located in kitchens.

13.6 ounce can	4132-21

ViroGuard® No Rinse†

ViroGuard No Rinse Evaporator Coil Cleaner and Disinfectant is formulated to disinfect inanimate hard, non-porous surfaces such as air conditioning evaporator coils HVAC catch pans and drain pans. ViroGuard is also suitable for use on PTACS, window units, mini-splits, refrigeration equipment, freezer evaporative coils, and ductless systems. It is EPA registered to kill Pandemic 2009 H1N1 Influenza A Virus and disinfect against Legionella Pneumophila. Its formula is listed on the EPA's List N products for use against SARS-CoV-2, the virus that causes COVID-19.

18 ounce can	4376-75

Nu-Calgon
The Brand You Trust

† Product not registered for sale in Canada.

Pan-Spray® – Rubberized Coating

Pan-Spray is an effective, easy-to-use waterproof rubberized coating that won't chip, flake, or peel. It's ideal for sealing out rust and corrosion as well as repairing leaky condensate pans, cooling towers, swamp coolers, roofing, gutters, and down spouts. Pan Spray is the perfect solution for emergency and permanent repair.

16 ounce can - White	4296-50
16 ounce can - Black	4296-51

DuraCoil – Anti-Corrosive Coating

DuraCoil is a long-lasting gray coating for coils and surfaces in corrosive environments. It uses a durable, OEM-approved Heresite® coating. DuraCoil has a fast, air-dry formula that bonds to all metals and causes negligible heat transfer loss across the coil. Great for repairing an OEM-applied coil coating that has been compromised while in service! Gray in color.

11 ounce can	4083-91

Pump Protector – Corrosion Protection

Protects seasonally operated pumps against corrosion during shutdowns by "winterizing" them. When corrosion occurs in close-tolerance areas, it can cause the impeller to stick or bind. It is safe for all types of water pumps and requires no special rinsing at start-up.

10 ounce can	4299-T8

Zinc Rich Cold Galvanizing

Zinc Rich is highly resistant to nearly all forms of corrosion. Perfect for repairing factory galvanized material damaged in shipment, welding, assembly, etc. Its 95% pure zinc film fuses itself to iron, steel, or aluminum. Blends well with hot-dip coating. Meets or exceeds military specifications MIL-P- 26915A, MIL-T- 26433, MIL-P- 21035, MIL-P-46105 and the Preece Test.

13 ounce can	4087-03

Degreasing Solvent EF

A degreasing solvent, specially formulated for cleaning and degreasing equipment where washing or flushing is not possible. Simply spray on and wipe off. Penetrates quick and deep, loosening and liquefying heavy greases and tar. Non-corrosive and non-staining with a dielectric strength over 26,000 volts.

14 ounce can	4083-75
14 ounce can - LV*	4083-83

* LV = Low VOC for California, Colorado, Utah, New Hampshire, and Canada.

Pipe-Dri® – Moisture Barrier

Pipe-Dri aerosol insulation provides a moisture barrier to stop sweating and dripping on refrigeration lines, air conditioning lines, and other cold surfaces. Quickly adheres and dries to a hard waterproof coating. Pipe-Dri makes it possible to insulate hard-to-reach areas.

14 ounce can	4297-76

PenetrateHD® – Super Penetrating Lubricant

PenetrateHD loosens rusted and frozen metal parts. Frees stuck fan blades, blower shafts, pulleys, rusted nuts and bolts, and any frozen, rusted, or seized metal part. Unique low surface tension formula penetrates into the smallest spaces and breaks and dissolves the bonds of rust and corrosion. Lubricates, protects metals and displaces water. Dielectric strength 40,000 volts. **Can be used with the Talon Flexible Aerosol Wand (4776-0) for hard to reach locations.**

12 ounce can	61105
17 ounce can	61106
12 ounce can - LV*	61107

* LV = Low VOC for California and Canada.

Nu-Kill® Max Strike – Wasp and Hornet Killer†

A "quick-kill" spray formulation EPA registered to instantly and effectively kill wasps, hornets, yellow jackets and scorpions, from distances up to 20 feet. Nu-Kill also kills with residual action as wasps and hornets return to a treated nest. The formula is safe in and around electrical equipment, having a dielectric strength of 57,200 volts.

13.5 ounce can	4292-75

A/C Shine® – Superior Cleaner/Protectant

A/C Shine is specially formulated to clean and protect the painted metal surfaces of outdoor A/C condensing units. It sprays on and wipes off quickly and easily without water. For use on all outdoor unit painted surfaces.

12 oz.	61118

V-Belt Dressing

V-Belt Dressing is specially formulated to penetrate and extend modern V-Belt life. It is particularly effective in maintaining V-Belt efficiency and performance under today's increasing performance requirements. It keeps belts pliable, prevents slippage, and does away with squealing and chattering. Also good for leather, rubber, canvas and other fabric belts, flat or round. USDA approved.

11 ounce can	4086-03

Electrical Contact Cleaner

Cleans and protects electrical contacts from corrosion. Safe on most plastics. Quickly removes greases, dust, and oxidation, restoring and maintaining precision and efficiency to the instrument and component. Includes extension tube for accuracy. Dielectric strength over 25,000 volts. USDA approved.

11 ounce can	4082-03

Food-Grade Silicone

Food-Grade Silicone sprays a perfect non-stick surface on ice machine surfaces, vending machines, coin slots, slicing machines, dairy machinery, and other food processing and packaging equipment. An excellent lubricant that prevents binding and sticking. Contains ingredients approved by the FDA for food contact use. USDA approved.

11 ounce can	4084-03

AEROSOL ADHESIVES

Spray-n-Bond™

Spray-n-Bond is a wide web spray adhesive formulated specifically for insulation and duct liner applications. Ideal for porous surfaces, it is waterproof, flexible, transparent, and non-staining. Formulated with the environment in mind, it contains no chlorinated solvents or ozone depleters. Will work with cardboard, most plastics and cloth. Cleans easily with degreasing solvent.

12 ounce can	4369-75
12 ounce can-LV*	4369-85

* LV = Low VOC for California

Spray Adhesive

Spray Adhesive is a fast-drying, all-purpose product that provides a strong, water-resistant, flexible bond. It is translucent and does not penetrate or soak material causing bleed-through. Spray Adhesive is excellent for labeling, bonding, splicing and sealing paper, cardboard, cloth, rubber, styrofoam, canvas, leather, wood, and most plastics.

12 ounce can	4080-04

† Product not registered for sale in Canada.

Dragon Towels™

Dragon Towels are new hand and shop towels designed to help contractors on any job. Dragon Towels are lint-free, durable, heavy-duty "Towels with Teeth!" Offering maximum absorbency, Dragon Towels are solvent resistant for use in any wet or dry application. With a 12" x 12.5" wingspan, Dragon Towels will clean hands, tools, solvent or oil-based spills, components and other general uses.

100 count box	4162-01

Great Wipes – Industrial Strength Hand Towels

Great Wipes Industrial Strength Hand Towels are waterless wipes made specifically for the air conditioning, refrigeration, and plumbing service technician. Each premoistened, heavy duty towel has strong pumice scrubbing power that conveniently cleans anywhere and anytime.

75 count canister	4185-75

NSF

Scrubs-In-A-Bucket® HVAC80 – Waterless Hand Cleaner Towels

The original Scrubs — disposable, pumice-performance waterless hand cleaner towels that effectively and quickly clean hands on a wide variety of industrial soils and greases. Each self-dispensing portable canister contains perforated disposable heavy-duty towels and are pre-moistened with the famous Scrubs cleaning formulation. Effective yet gentle to the skin. Use anywhere, anyplace, anytime.

30 count canister	4366-24
80 count canister	4366-87

NSF

ClenHands: Orange Crush™, Cherry Crush™ and Super Gel

Premium antimicrobial hand cleaners that quickly dissolve dirt, grease, fuel oil, pipe dope, resin, ink, paint, glue, rubber gasket and tile cements, and many other hard-to-remove soils. ClenHands Orange Crush is enhanced with fine-ground American pumice. ClenHands Cherry Crush is a cherry-scented antimicrobial hand cleaner with pumice. For use with or without water.

Orange Crush with Pumice 1 gallon	61201
Orange Crush with Pumice 15 oz.	61203
Cherry Crush with Pumice 15 oz.	61204
ClenHands Super Gel 14 oz.	61205

Quick Seal™ Pipe Repair

A permanent knitted fiberglass impregnated tape that is designed for quick, in-the-field repair of leaks for all types of pipes. It can be used on both cold or hot water, as well as refrigeration, plumbing, industrial, commercial, and residential applications. It is safe for potable water and is UL listed. ANSI/NSF Standard 61.

2˝ x 4´ wrap	4299-10
4˝ x 12´ wrap	4299-11

Thermo-Trap® Putty

Thermo-Trap Putty is a reusable putty material that is referred to as a heat sink. Thermo-Trap keeps components protected and cooler much better than a traditional wet rag. When applied to the metal working surface, Thermo-Trap soaks up heat and reduces heat transfer to protect sensitive components. Apply to copper, steel, or other pipe surfaces before welding, brazing, or soldering to protect nearby sensitive controls or components. Thermo-Trap features antimicrobial chemistry to prevent mold growth on the putty, so it can be reused up to 40 times!

12 oz. tub	4371-38

Thermo-Trap® Gel

Thermo-Trap Spray gel is designed to form a protective barrier to keep flames and heat from damaging areas beyond direct work surfaces during brazing or soldering. It will protect drywall, wiring, joists, and surrounding areas that a flame could also come in contact with. Cleans up easily with no residue.

1 quart spray bottle	4371-32

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Thermo-Trap® Paste

Thermo-Trap is the industry's original heat absorbing paste designed to isolate heat encountered in soldering, welding, and brazing, thereby preventing damage to nearby heat sensitive controls or fittings. USDA approved. Biodegradable.

11 ounce tube	4371-36

FlareMate™ Seals

FlareMate seals prevent costly refrigerant leaks by compensating for scratches on seal surfaces and other fitting alignment imperfections. Use FlareMate seals to provide leak-free connections for new HVACR systems or for servicing existing systems. Applications include mini-split systems, TEVs and PRVs, pilot lines, high-pressure controls, filter driers, oil filters, LP gas lines and more.

OEM APPROVED

Mini-Split Pack – (2) 1/4˝, (2) 3/8˝	4177-01
Mini-Split Pack – (2) 1/4˝, (2) 1/2˝	4177-02
Mini-Split Pack – (2) 1/4˝, (2) 5/8˝	4177-03
Mini-Split Pack – (2) 3/8˝, (2) 1/2˝	4177-04
Mini-Split Pack – (2) 3/8˝, (2) 5/8˝	4177-05
Mini-Split Pack – (2) 3/8˝, (2) 3/4˝	4177-06
40 pc. Combo Kit (10 ea.) 1/4˝ thru 5/8˝	4177-20

10 Pack – 1/4˝ Seal	4177-30
10 Pack – 3/8˝ Seal	4177-31
10 Pack – 1/2˝ Seal	4177-32
10 Pack – 5/8˝ Seal	4177-33
10 Pack – 3/4˝ Seal	4177-34
Wholesaler Starter Kit	4177-40

Soak-N-Solv™ – Restoring Solution

Soak-N-Solv is a unique restoring solution specially formulated for HVACR components. The ready-to-use compound effectively restores internal assemblies of TEVs, solenoid valves, PRVs and other refrigerant flow devices. Soak-N-Solv can also be used to restore metal parts of a compressor rebuild, fan blades, flange assemblies, fasteners and other HVACR related components. It dissolves contaminants in seconds and dries at a controlled rate, leaving no residue. Soak-N-Solv is non-corrosive to metals and its formula is compliant in all 50 US states.

32 ounce can	4162-77

NuStart™ – Compressor Soft Starter

NuStart provides smooth scroll compressor startup of the air conditioner, heat pump or refrigeration system. NuStart greatly reduces inrush current and mechanical compressor start-up stress which addresses nuisance field issues such as light flicker, breaker trips, contactor arcing damage and excessive compressor start-up noise. NuStart eliminates scroll stall in lower voltage events or utility brownout situations. The device enables air conditioner or refrigeration to start-up on lower sized generators and battery powered back-up power sources. Aids in stabilizing utility grid voltage and is compatible with applicable utility or local regulations where they exist. NuStart is the smallest sized soft starter in the market to allow for the easiest installation inside the outdoor condensing unit vs. other market options!

Single Phase	110-115 VAC	5010-10
Single Phase	208-230 VAC	5010-20
Single Phase	208-230 VAC	5010-21
Three Phase	208-230 VAC	5010-30
Three Phase	460 VAC	5010-31

Grez-Off® – Heavy Duty Degreaser

Grez-Off works hard so you don't have to. This heavy-duty answer to heavy-duty grease and grime leaves engines, machinery, asphalt, garage floors and more whistle clean. Biodegradable, non-flammable formula hits hard and fast with less impact on user and environment.

1 gallon	61116
1 quart spray bottle	61117

Spray Nine® – Cleaner & Disinfectant†

Spray Nine is a tough task cleaner and broad spectrum disinfectant. EPA-registered disinfectant kills harmful germs like HIV-1, Influenza, H1N1, Staphylococcus Aureus, Salmonella Choleraesuis and E. Coli in 45 seconds. Also helps prevent cross contamination. Authorized by USDA for use in federally inspected meat and poultry plants with a C-1 rating. EPA approved for use against the SARS-CoV-2 virus on hard, non-porous surfaces.

1 gallon	61110
1 quart spray bottle	61113

Elite® Performance – Windshield Washer Fluid

Elite Performance Windshield Washer fluid is independently tested to provide freeze protection to -20°F. Don't take chances with generic washer products; only Elite Performance offers certified protection.

1 gallon	61115

Smoke Pens

Smoke Pens are excellent for observing ventilation, air balancing, smoke detectors, drafts, leakage, and air flow. Smoke tests will effectively and inexpensively reveal leaks in heating and air conditioning duct work, furnaces, fire boxes, exhaust fans, and smoke detectors.

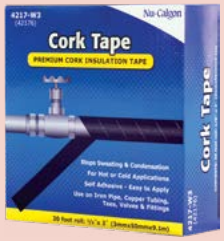
Smoke Pen with 6 wicks	61305
Refill Package - 6 wicks	61306

† Product not registered for sale in Canada.

Perma-Wrap™ Foam Insulation Tape

Perma-Wrap is formulated from the highest quality elastomeric thermal insulation material. Its closed cell construction seals out air and moisture, slowing down heat transfer, and can be used on hot or cold water pipes, chilled water, and refrigerant lines to prevent sweating and condensation. Service temps as low as -40°F with a high continuous temperature of 160°F and a high intermittent temperature of 220°F.

2˝ x 1/8˝ x 30´ roll	4218-W3
2˝ x 1/8˝ x 30´ roll dispenser package	4218-12



Cork Tape

Cork Tape is formulated and manufactured as an insulating material for preventing sweating and condensation on refrigerant lines, cold pipes, and other commercial refrigeration and a/c systems. Serves as an excellent insulator on hot pipes, and can also be used as a gasketing material, a sound-deadening material, and for wrapping valves, tees, and fittings. Service at temps as low as -30°F, as high as 200°F and won't sag up to 350°F.

2˝ x 1/8˝ x 30´ roll	4217-W3

Foam-Tite®

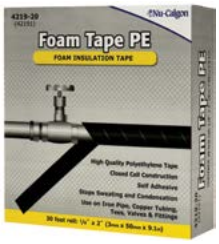
Foam-Tite is an economically priced tape formulated from quality thermal insulation material. With closed cell construction, it can be used on cold water pipes and chilled water and refrigerant lines to prevent sweating and condensation. Can also be used on hot water lines for better insulation against heat loss. Service temperatures of -20°F to 160°F.

2˝ x 1/8˝ x 30´ roll	4219-12

Cork-Tite®

Cork-Tite is an economically priced tape used to insulate cold pipes and stop condensation problems. Ideal for preventing heat loss in hot pipes, and used as an effective sound dampening material. Also sticks to dry metals and seals tightly without drying, while staying flexible within the service temperatures of -20°F to 200°F.

2˝ x 1/8˝ x 30´ roll	4217-12



Foam Tape PE

Foam-Tape PE is an insulation tape with closed cell construction, providing an economical way to prevent sweating or condensation on air conditioning, refrigeration, chilled water, or other cold lines. Also used on hot water lines for insulation against heat loss, with service temperatures of -70°F to 175°F.

2˝ x 1/8˝ x 30´ roll	4219-20

Sealing and Caulking Cords

Sealing and Caulking Cords are nonstaining sealers formulated to be water-resistant, dust-resistant, and white in color. They securely adhere to most surfaces and provide excellent insulation value. They are available in 3/8˝ pre-shaped extruded cords, with serrated release paper. Used indoors and outdoors, it stays flexible at -20°F and non-sagging at 350°F.

3/8˝ x 25´ roll	4216-27

Nu-Foam®

Nu-Foam is double expansion polyurethane foam with all-direction dispersing. Used as a sealant and insulating product on openings created for refrigeration, air conditioning and heating tubes or pipes, duct joints, and other areas where unwanted air penetration might occur. Contains no CFCs or HCFCs, and is fire retardant and UL listed.

12 ounce can	4293-04

Thumb-Tite®

Thumb-Tite is formulated and manufactured for use in many sealing, insulating, and general indoor/outdoor maintenance applications. Excellent adhesion capability and is non-staining, non-hardening, and unaffected by wide variations in temperature - an excellent thumbing grade. Each box contains two 1-pound bars. Service temperatures of -20°F to 350°F.

2 lb. box	4216-92

Freez-Kontr'l® – Heat Transfer Fluids

Freez-Kontr'l is an expanded family of heat transfer fluids (anti-freeze) based upon non-toxic propylene glycol. All products are fully formulated to provide optimum freeze protection, as well as corrosion protection in chilled water, hydronic, and other closed systems. Safe to use where contact with potable water is possible. GRAS certified.

- Freez-Kontr'l – Provides greater than -60°F freeze protection and greater than -100°F burst protection. NSF registered.
- Freez-Kontr'l 95/5 – A fully concentrated (~100%), inhibited propylene glycol product. NSF registered.
- Freez-Kontr'l 35 – Formulated with 35% propylene glycol for use as a secondary coolant in supermarket rack applications.
- Freez-Kontr'l 50 – A ready-to-use 50% propylene glycol formulation for use in closed loop systems. Inhibited. NSF registered.
- Freez-Kontr'l FG – Non-dyed, fully concentrate glycol ideally suitable for use in food and beverage equipment or other HVAC applications where a NSF listed HT-1 formulated propylene glycol-based product is required. NSF registered.
- Freez-Kontr'l HD – A heavy-duty 70% propylene glycol-based heat transfer fluid formulated for hydronic applications where its multi-component inhibitor formulation provides better service life.

Freez-Kontr'l	1 gallon bottle	4188-07
	5 gallon pail	4188-05
	55 gallon drum	4188-02
	275 gallon tote	4188-51
Freez-Kontr'l 95/5	5 gallon pail	4188-06
	55 gallon drum	4188-03
Freez-Kontr'l 35	5 gallon pail	4188-16
	55 gallon drum	4188-35
Freez-Kontr'l 50	5 gallon pail	4188-17
Freez-Kontr'l FG Clear	5 gallon pail	4188-11
	55 gallon drum	4188-14
Freez-Kontr'l HD	5 gallon pail	4188-12

Burst-Kontr'l® AP-100 – Heat Transfer Fluid - Propylene

Burst-Kontr'l AP-100 is a specially formulated propylene glycol heat transfer solution for use in boilers having aluminum heat exchangers. It has corrosion inhibitors to protect aluminum, copper, solder, brass, and steel. Provides burst protection to -100°F and freeze protection to -60°F.

5 gallon pail	4187-15

ETHYLENE GLYCOL

Freez-Therm® – Heat Transfer Fluid - Ethylene

Freez-Therm is an inhibited heat transfer fluid and anti-freeze based upon ethylene glycol. It can be used in chilled water, hydronic, and other closed systems for both freeze point suppression and corrosion inhibition. An uninhibited version is also available in drums on special order.

1 gallon bottle	4189-07
5 gallon pail	4189-05
55 gallon drum	4189-01

AquaCare™ T65 Demineralization Cartridge

The AquaCare T65 Demineralization Cartridge is for fill water requirements for diluting glycol and other closed loop system chemical treatments for the HVACR market. The disposable and billable cartridge used at the jobsite improves fill water quality to meet OEM requirements and improve glycol longevity by removing unwanted minerals from the water that affect its service life.

1 each	4122-01

Glycol Refractometer

An accurate and economical tool for ensuring proper levels of glycol treatment in HVAC fluid systems. Removes guess work and prevents wasteful over-treatment. It has metal body with cushioned eyepiece, focus adjustment, and a rubber hand grip. A calibration screwdriver, calibration fluid, a plastic pipette, optical cleaning cloth, and a rugged carrying case are included.

1 each	61301

Total Glycol Test Kit

Nu-Calgon's Total Glycol Antifreeze/Heat Transfer Analysis Program is integral to a comprehensive maintenance schedule with the use of Nu-Calgon's glycol products. The test kit includes a sampling bottle to capture glycol from the system and an analytical request form to be completed with the sample submittal. The analysis program provides a detailed report and recommendations to assist in making informed, proactive decisions to manage the system's health and the customer's bottom line.

1 each	4997-0

REFRIGERANTS

EcoPure™ Refrigerants

EcoPure R-290 and R-600a are refrigerant-grade products that meet AHRI 700 Standard purity requirements. The EcoPure refrigerants are colorless and non-odorized, so extreme care is required when handling these refrigerants (professional use only). Although these refrigerants are highly flammable, they are eco-friendly. Both R-290 and R-600a refrigerants have zero ozone depletion potential (ODP) and global warming potential (GWP) of three or less. EcoPure R-290 and R-600a refrigerants are approved by the EPA's SNAP program for the US market (effective April 2015). EcoPure R-290 and R-600a refrigerants are designed for the following applications:

- Refrigerators & freezers
- Vending machines
- PTAC & PTHP systems
- Retail food refrigerators & freezers
- Ice machines
- Water coolers

4175-10

4175-11

OEM APPROVED

EcoPure Charging Assembly	4175-10
EcoPure R-290 Refrigerant, 10.6 ounce can	4175-21
EcoPure R-600a Refrigerant, 10.6 ounce can	4175-31
EcoPure Refrigerant Charging System	4175-11

Note: EcoPure Refrigerant sold separately from Charging System

Ty-Ion® B20 – Corrosion Inhibitor

Ty-Ion B20 is a liquid nitrite-borax corrosion inhibitor and dispersant for closed recirculating systems. It combines corrosion inhibitors, a unique copolymer dispersant, and a color indicator to facilitate leak detection, into a complete treatment for hot and chilled water closed systems containing ferrous and non-ferrous metal components.

5 gallon pail	7537-05

Ty-Ion® B14A – Scale Control & Anti-Corrosion

Ty-Ion B14A is an all-in-one boiler treatment product that controls scale, corrosion, and condensate line corrosion in low pressure, low make-up steam heating boilers where 90% or more of the condensate is returned. It is chromate-free and contains a color indicator for visual determination of treatment residual. Its balanced formulation provides an energy-efficient way of heating.

5 gallon pail	7519-05

System Cleaner – Alkaline Cleaner

System Cleaner is a liquid, heavy-duty industrial alkaline cleaner specifically formulated to emulsify and clean equipment surfaces and pipe fouled by cutting oils, grease, lubricants, corrosion products, and other debris.

5 gallon pail	4370-08

No. 20L and No. 100L Feeders

Steel tanks suitable for pressures up to 150 psi and temperatures up to 212°F. Uses 3/4 inch FNPT connections for installing on bypass to any size line. Use No. 20L Feeder for initial charges up to 20 pounds (or 2 gallons). Use No. 100L Feeder for initial charges up to 100 pounds (or 10 gallons). Inlet/outlet strainers not included.

No. 20L Feeder	4628-0
No. 100L Feeder	4650-0

FOLLOW US ON SOCIAL FOR PRODUCT DEMONSTRATIONS & HOW-TO VIDEOS

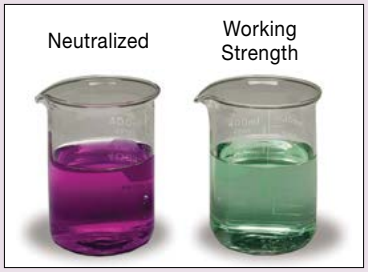
Liquid Scale Dissolver

Liquid Scale Dissolver is a hydrochloric (muriatic) acid formulated to remove calcium scales from cooling towers and other water-cooled equipment. It contains low-foaming corrosion inhibitors and a built-in pH color indicator to let you know when the acid has been neutralized. pH test paper is also included. USDA approved.

1 gallon bottle	4330-08
5 gallon pail	4330-05
55 gallon drum	4330-01

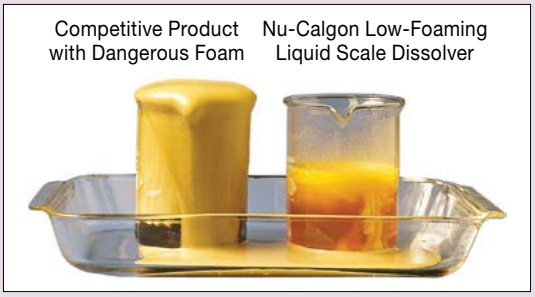
pH Color Indicator

Nu-Calgon's exclusive "built-in" pH color indicator tells you when to add more acid, and it lets you see when the system is clean. At working strength, the acid cleaning solution is green or light blue. When the acid solution is neutralized and is no longer working, the solution turns purple and more acid must then be added. The system is clean when the green color is retained for 20-45 minutes.



Low-Foaming Performance

To demonstrate its greater low-foam property, Liquid Scale Dissolver was added to a beaker containing lime scale. A leading competitive liquid product was added to another beaker containing an equal amount of lime scale. See the difference! When cleaning towers and evaporator condensers, low-foam is the preferred approach as high foam is dangerous to both personnel and surroundings.



Eco-Lyme™ – Descaler

Eco-Lyme is a new chemistry for the HVACR market that provides a unique blend of performance with a desired eco-profile. The product is specially formulated to achieve descaling behavior of competing hydrochloric acid-based chemistry descalers. However, the active ingredient is substantially safer on equipment metals. Eco-Lyme is ideal for stainless steel construction to eliminate potential issues of localized corrosion/pitting caused by repeated use of hydrochloric acid. Eco-Lyme is odorless, making it safer to use in the field. NSF registered.

1 gallon bottle	4167-08
5 gallon pail	4167-05
55 gallon drum	4167-01

NSF

WATER TEST KITS

Nitrite Test Kit

Used for testing treatment residual of Ty-Ion B20 and Ty-Ion B14A. It is a cerric ammonium nitrate (can) titration method, and it can be used in systems containing glycol. Each drop equals 40 ppm of nitrite.

1 each	4797-0

H2O Express Kit

This fast, easy and cost-effective H20 test is designed to make testing your water convenient for you. The kit includes an instructional form. Simply take a water sample and send it to the address provided within the form. You will then receive a comprehensive lab result back on your water.

1 each	6501-01

Vital-Flo® Tankless Water Heater Descaler Kit

The Vital-Flo Tankless Water Heater Descaler Kit is a complete service tool for descaling tankless water heaters. It consists of a submersible descaler pump, a set of 5-foot long hoses with 3/4″ female hose threaded assemblies, formulated descaler solution packaged in a lidded 4 gallon chemical resistant container. The solution is also available separately. NSF registered.

Vital-Flo kit	4387-01
Vital-Flo descaler solution	4387-02

NSF

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Season Treat

Season Treat utilizes 6Rsp Micromet, a slowly dissolving phosphate, contained in a unique flow-through package. The package design makes it simple to treat small cooling towers and evaporative condensers. Simply unwrap the package and place it in the sump. One canister treats up to 10 tons for scale (5 tons for corrosion) for five to six months.

1 canister	4364-88

Ty-Ion® C70 – Scale and Corrosion Inhibitor

Ty-Ion C70 is an all-organic liquid scale, deposit, and corrosion inhibitor for use in open recirculating cooling water systems, evaporative condensers, and air washer systems. This treatment program is particularly effective in preventing scale deposits in systems that utilize make-up water with high scaling potentials.

5 gallon pail	7597-05
15 gallon pail	7597-P3
55 gallon drum	7597-01

No. 340 Liquid Scale Inhibitor

No. 340 is an extremely concentrated scale inhibitor that is effective in hard, highly alkaline water. It is very stable and does not form any sludge. It is most effective at treatment levels between 10 and 15 parts per million. A constant, accurate feed is accomplished with a Drip Feeder or CMS Feed Pump. USDA approved.

1 gallon bottle	4340-08
5 gallon pail	4340-05
55 gallon drum	4340-01

CORROSION PREVENTION

Cal-Treat® No. 233 – Superior Corrosion Control

Cal-Treat No. 233 is a liquid formulation that is used for controlling severe corrosion in evaporative condensers and cooling tower systems. It is based upon a synergistic formulation of zinc, molybdate, and organic phosphonate. Provides superior corrosion control and inhibits scale accumulation.

5 gallon pail	4149-05

FEEDING EQUIPMENT

No. 31-TX1 Acid Pump

Compact submersible pump designed for circulating strong acids and cleaning solutions. All parts are constructed of acid-resistant materials.

1 each	4603-0

HK-31 Hose Kit

An accessory item available for use with the No. 31-TX Acid Pump. Kit includes two 1/2 inch tubing adapters, two 10 foot sections of 1/2 inch clear plastic tubing and three hose clamps.

1 each	4604-0

Bromicide Tablets†

Bromicide tablets are a chlorine-bromine donating organic compound in tablet form. Each tablet slowly releases powerful oxidizing hypohalous acids, which prevent algae and slime bacteria fouling in open recirculating cooling water systems and evaporative coolers. EPA registered.

Bromicide Tablets 1 each	4109-M9

† Product not registered for sale in Canada.

OTHER WATER TREATMENT PRODUCTS

Humidi-Pro™ – Humidifier Scale Control

Humidi-Pro is designed for humidifiers using up to 25 gallons per day and will inhibit scale for one season. Install Humidi-Pro on the water line that supplies water directly to the humidifier.

1 each	4190-02

Evap-Treat® – Scale and Corrosion Prevention

Evap-Treat is used in evaporative coolers or "swamp coolers" to prevent scale and corrosion. Place it in the cooler sump and it will last all season long, thereby increasing pad life. Utilizes 6R Micromet®, a slow dissolving polyphosphate.

1 each (coolers up to 6,500 cfm)	4173-04
1 each (coolers up to 10,000 cfm)	4173-06

4720-06

4720-10

4720-08

4720-12

4720-14

pH-Treat™ Condensate Neutralizers

pH-Treat neutralizers address acidic condensate produced by high efficiency furnaces, boilers and water heaters before it goes to drain. If left untreated, the condensate produced by these appliances can potentially harm the environment and drainage systems over time due to its low pH (typically 2 to 4). The pH-Treat lineup offers options based on low cost, install versatility, different system types and drain availability.

Nu-Calgon P/N	Description	Features	High Efficiency Appliance Sizing	
			BTU/Hr at Operating Efficiency	Condensate Flow Rate
4720-06	Inline Disposable	Throwaway cartridge design, vertical installation. Includes barb fittings and brackets.	225,000 @ 93%	1.0 gal./hr
4720-08	Wall Mount Refillable	Refillable wall mount design for installation in tight spaces. Includes 1st charge of neutralizing media.	400,000 @ 93%	1.6 gal./hr
4720-10	Inline Refillable	Refillable low-profile design, horizontal or vertical installations, refill saves cost over service life. Includes media, barb fittings and brackets.	400,000 @ 93%	1.6 gal./hr
4720-12	Refillable Tank with Pump	Refillable low-profile design, for condensate neutralization and removal, high level alarm contact, supplied with 20 ft. of tubing and media.	500,000 @ 93%	4 gal./hr
4720-14	Commercial Refillable	Refillable low-profile design for commercial installations. Supplied with fittings and media.	3,000,000 @ 93%	20 gal./hr
4720-11	Wall Mount or Inline Refil	Refill media for 4720-08 and 4720-10 pH-Treat neutralizer (3 lbs.)	--	--
4720-13	Tank with Pump Refill	Refill media for 4720-12 pH-Treat neutralizer (4 lbs.)	--	--
4720-15	Commercial Refill	Refill media for 4720-14 pH-Treat neutralizer (32 lbs.)	--	--

Drain Solve® – Liquid Drain Opener

Ideal for condensate pan drains, Drain Solve saves time and money with its ease of use. It eliminates application concerns associated with more reactive, fuming drain openers. Simply pour it down the drain and let it work without fear of noxious fumes or reactions. Does not contain sulfuric acid. Septic Safe.

1 quart	4165-24
1 gallon	4165-08
55 gallon drum	4165-01

NSF

Calci-Solve® – Scale and Mineral Dissolver

Remove scale from lines and clear clogged drains easily and effectively with Calci-Solve. The product includes a special inhibitor that coats the inside of the pipes with a protective film, allowing the acid in Calci-Solve to quickly dissolve calcium, magnesium, sodium, lime, rust, and other elements without harming pipes. Septic Safe.

1 quart	4134-24
1 gallon	4134-08
55 gallon drum	4134-01

UrinaKleen® – Salt and Mineral Scale Dissolver

Keep urinals free flowing with UrinaKleen. Use it to dissolve urinary salts, mineral scale, and rust deposits which are found in urinals. It also attacks the primary source of odors. Septic Safe.

1 quart	4590-24
1 gallon	4590-08

A/C Drain Sucker® – Drain Clog Remover

A/C condensate drain pan overflow is caused by slime and sludge that builds up and clogs the drain line. The A/C Drain Sucker quickly removes the clog and the excess water, resolving the overflow problem. The kit includes a PurCool® Green 3 ton tablet to provide months of preventive treatment and free flowing drains, as well as all fittings and hoses for suction or pressure applications.

1 A/C Drain Sucker kit	61308

Vital-Flo® Tankless Water Heater Descaler Kit

The Vital-Flo Tankless Water Heater Descaler Kit is a complete service tool for descaling tankless water heaters. It consists of a submersible descaler pump, a set of 5-foot long hoses with 3/4″ female hose threaded assemblies, and a formulated descaler solution packaged in a lidded four gallon chemical resistant container. The solution is also available separately. NSF registered.

Vital-Flo kit	4387-01
Vital-Flo descaler solution	4387-02

NSF

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Gallo Gun® – Drain Line Clearer

The Gallo Gun is a lightweight tool for quickly clearing condensate drain lines. Load Nu-Calgon's 16g or 20g cartridges, press the trigger, and blast the line clean with oil-free, food-grade air. It includes a tapered fitting for drains up to 3/4", and its flexible hose easily navigates tight spaces.

Gallo Gun (includes 20G cartridge)	4179-01
Mag20 Cartridges (12 pack)	4179-20
Mag16 Cartridges (12 pack)	4179-16
Gallo Gun Cannon	4179-05

Nickel-Safe Ice Machine Cleaner

The original Nickel-Safe Ice Machine Cleaner. It is a food-grade citric-phosphoric acid product for removing scale deposits from ice machines having nickel-plated or tin-plated evaporators, and it is acceptable for use in all ice machines containing nickel. It mixes to form a green solution, which makes rinsing easier. OEM approved. NSF registered.

16 fluid ounce bottle	4287-34
1 gallon bottle	4287-08
55 gallon drum	4287-01

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Liquid Ice Machine Cleaner

Liquid Ice Machine Cleaner is a food-grade phosphoric acid that is fast acting, yet safe to use. It has been formulated to remove scale deposits from ice machines and coffee urns. It does not give off any harsh fumes or contain chlorine or chlorides that would attack stainless steel. NSF registered.

8 fluid ounce bottle	4207-47
1 gallon bottle	4207-08
55 gallon drum	4207-01

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IMS-III Sanitizing Concentrate†

IMS-III is an EPA registered sanitizing concentrate formulated to sanitize hard, non-porous surfaces and to eliminate odors and slime growths. No rinsing is required when diluted to 1.6 ounces per gallon. Formulated for general use in ice machines, ice cream dispensing equipment, and other food processing equipment. EPA approved for use against the SARS-CoV-2 virus on hard, non-porous surfaces. OEM approved.

16 fluid ounce bottle	4211-34

Ice Guard Plus

Ice Guard Plus contains advanced technology to dramatically reduce ice machine maintenance and cleaning. This technology utilizes the known properties of silver and copper, incorporated into a drop-in device. The device is placed directly into the recirculating water sump, providing treatment of the machine in one easy step.

1 each	4209-07

6Rsp Micromet®

6Rsp Micromet is a slow dissolving phosphate specifically formulated for inhibiting scale in ice machines and other equipment using low volumes of water. It is used in Nu-Calgon scale controlling cartridges and requires replacement once every six months. Typical dosage is 8 ounces per 500 pounds of ice (50 gallons of water) a day.

50 lb. pail	4265-50

† Product not registered for sale in Canada.

EVERPURE
FROM PENTAIR WATER SOLUTIONS

	QL3B Single	QC7I Single	QC7I Twin Parallel	QC7I Triple Parallel	QC7I Quad Parallel
Connection	3/8" NPT	3/8" NPT	3/4" NPT	3/4" NPT	3/4" NPT
Shut-off Valve	•	•	•	•	•
Mounting Bracket	•	•	•	•	•
Flushing Valve		•	•	•	•
Pressure Gauge(s)		•	•	•	•
Part Number	4621-07	9272-41	9272-22	9272-23	9336-11

i2000² and i4000² Cartridges

Reduce water-related ice machine problems caused by dirt, objectionable tastes and odor and by scale build-up. Precoat submicron filtration removes particles as small as 1/2 micron along with chlorine and other offensive contaminants, and the feed of phosophate inhibits scale build-up caused by dissolved minerals. NSF Certified under NSF/ANSI Standards 42 and 53.

- Micro-Pure® II antibacterial protection
- Cyst reduction

i2000²	9612-27

Capacity: 9,000 gallons
750 lbs. for most cubers • 1,500 lbs. for most flakers

i4000²	9612-37

Capacity: 12,000 gallons
1,000 lbs. for most cubers • 2,000 lbs. for most flakers

NSF

MC² and XC² Cartridges

Reduces chlorine taste and odor and other offensive contaminants that can adversely affect the taste of fountain beverages. Precoat submicron filtration removes particles as small as 1/2 micron, and it helps retain carbonation in drinks. NSF Certified under NSF/ANSI Standards 42 and 53.

- Micro-Pure® II antibacterial protection
- Reduces objectionable tastes and odors
- Cyst reduction

MC²	9612-55

Capacity: 9,000 gallons

XC²	9613-97

Capacity: 12,000 gallons

NSF

Oxidice™ Ice Machine Disinfection

Oxidice treats the ice machine's incoming water supply, reducing the growth of bacteria, molds, yeast and other contaminants. It is a natural sanitizer that disinfects the air, water and surfaces within the machine, extending the time between maintenance and cleaning. Oxidice fits any size ice machine and is programmable for varying situations including restaurants/bars, hotels, hospitals, schools, bakeries and more.

1 each	CD385A

NSF

10″ and 20″ Coarse Prefilters

A 10″ and 20″ black housing, each including a 10″ and 20″ replaceable prefilter cartridge. Filters out larger dirt and rust particles, thereby extending the life of the primary filters.

E-10	9795-80
E-20	9795-90

Optional: Prefilter bracket kit for all multiple filter head systems manufactured after 2003: 3114-34 (4621-45)

SRX Scale Inhibitor Feeder

A complete system for the control of scale in ice, coffee, steam, and combination applications.

1 each	9798-45

Optional: Post-filter bracket kit for all multiple filter head systems manufactured after 2003: 3114-35

EC110 and EC210

A 10″ and 20″ 10-micron nominal filtration cartridge for filtering out larger dirt and rust particles, extending the life of primary filters. For use with E-10 and E-20 housings.

EC110 (10″)	9534-40
EC210 (20″)	9534-20

IMF-7 and IMF-10

Ice Machine Feeder scale inhibition cartridge. The translucent cartridge allows for easy visual monitoring of the product's usage. The larger IMF-10 will treat higher volumes of water.

IMF-7	Replacement for AR-X 7″ Housing	9799-32
IMF-10	Replacement for SS-10 Scale Sticks	9799-02

CARTRIDGES

Name:	Part #:	Capacity	Micron Rating	Flow Rate (GPM)	Carbon	Phosphate	NSF Ratings	Ideal For:
BH[2]	9612-51	3000	0.5	0.5	Yes	Yes	42,53	Ice and Coffee
OCS[2]	9618-07	1500	0.5	0.5	Yes	Yes	42,53	Ice and Coffee
4SI	9606-51	15000	0.5	2	No	Yes	42,53	Ice, Hospitals, Hotels
7SI	9606-01	25000	0.5	3.5	No	Yes	42,53	Ice, Hospitals, Hotels
4CB5	9617-16	6000	5	2.5	Yes	No	42	Drinking Water
4CB5-S	9618-16	10000	5	2.5	Yes	Yes	42	Ice, Steam, Coffee
7CB5	9617-26	6000	5	2.5	Yes	No	42	Drinking Water
7CB5-S	9618-26	10000	5	2.5	Yes	Yes	42	Ice, Steam, Coffee
4FC5	9693-21	15000	5	2.5	Yes	No	42,53	Fountain Beverages
4FC5-S	9693-61	25000	5	2.5	Yes	Yes	42,53	Ice, Steam, Coffee
7FC5	9693-31	15000	5	2.5	Yes	No	42,53	Fountain Beverages
7FC5-S	9693-71	25000	5	2.5	Yes	Yes	42,53	Ice, Steam, Coffee
4FC	9692-21	15000	0.5	2.5	Yes	No	42,53	Fountain Beverages
4FC-S	9692-61	25000	0.5	2.5	Yes	Yes	42,53	Ice and Steam
7FC	9692-31	15000	0.5	2.5	Yes	No	42,53	Fountain Beverages
7FC-S	9692-71	25000	0.5	2.5	Yes	Yes	42,53	Ice and Steam

SYSTEMS

Name:	Part #:	Capacity	Micron Rating	Flow Rate (GPM)	Carbon	Phosphate	NSF Ratings	Good For:	System Includes
INSURICE SINGLE-I2000(2)	9324-01	9,000	0.5	1.67	Yes	Yes	42,53	Ice	Manifold & i2000
INSURICE TWIN-I2000(2)	9324-02	18,000	0.5	3.34	Yes	Yes	42,53	Ice	Manifold & 2 - i2000
Kleensteam CT	9797-50	6,000	5	1.67	Yes	Yes	42	Steamers	Manifold, 4CB5, SRX Feeder & Scale Stick
Kleensteam Single	979-21	10,000	5	2.5	Yes	Yes	42	Steamers	Manifold, 7CB5, SRX Feeder & Scale Stick
Kleensteam Twin	9797-22	20,000	5	5	Yes	Yes	42	Steamers	Manifold, 2 - 7CB5, SRX Feeder & Scale Stick
COLD/INSURICE SINGLE 10" PF HD	9293-01	N/A	N/A	N/A	N/A	N/A	N/A	Ice or Fountain	Manifold, Prefilter & PF Cartridge
COLD/INSURICE SNGL 20" PF HEAD	9293-21	N/A	N/A	N/A	N/A	N/A	N/A	Ice or Fountain	Manifold, Prefilter & PF Cartridge
HF CSR QUAD 7FC	9329-74	1,000,000	0.5	10	Yes	Yes	42,53	Multiple POU	Manifold, Prefilter, PF Cartridge, 4 - 7FC, SRX Feeder, & Scale Stick

Single Head	4623-01
Twin Head	4623-02
Triple Head	4623-03
Twin Series	4623-06

CFS and HFS Filtration Systems

A family of replacement cartridges and manifolds designed to service existing CUNO® installations.

A cost-effective water filtration system for food service applications: ice machines, fountain beverages, steam ovens, and drinking water. These systems offer manifold and sanitary quick-change cartridges to fit the existing CUNO CFS and HFS brand installation. CFS and HFS are the reliable choices for water filtration to prevent unwanted troubles caused by sediment, scale, or taste and odor existing in CUNO installations.

Description	Function	Replaces	Rating	P/N
CFS-S	Sediment – 5 micron	CFS 8110	1.67 gpm - 14,000 gallons	4623-10
CFS-SS	Sediment – 5 micron / phosphate	CFS 8110-S	1.67 gpm - 14,000 gallons	4623-11
CFS-TOP	Carbon Block - .5 micron	CFS 8112, 8112X, 8720	1.67 gpm - 14,000 gallons	4623-12
CFS-STOP	Carbon Block - .5 micron / phosphate	CFS 8112S, 8720-S, 8812X-S	1.67 gpm - 14,000 gallons	4623-13
HFS	High Flow Carbon/Sediment	HF65	3.4 gpm - 40,000 gallons	4623-40
HFS-S	High Flow Carbon/Sediment/Scale	HF65-S	3.4 gpm - 40,000 gallons	4623-41

Hoshizaki Systems

A high performance yet economical alternative to expensive Hoshizaki* replacement filters. Decreases machine maintenance by reducing lime scale build-up. Reduces chlorine from incoming water supply, eliminating bad tastes and odors from ice.
Replaces (Hoshizaki*): 4HC-H, HC, HC-H, HF, HF-H and PRO 3500

Nu-Plus HZ-S	4623-50

*Hoshizaki is a registered trademark of Hoshizaki Electric Co., Ltd. Corporation Japan.

Specifications

Filter Application:	Chlorine/Taste/Odor, Particulates, Scale Inhibitor
Micron Rating:	0.5 micron
Flow Rate:	2.1 gpm (7.95 lpm)
Life:	12 months or 29,000 gallons (109,776 liters)

Micro-Plus® & Micro-Carbon 4

The complete all-in-one treatment for ice machines, coffee urns, humidifiers, steamers, etc. The Micro-Plus "in-line" filters contain phosphate to control scale, carbon for eliminating objectionable tastes and odors, and filter discs to remove sediment down to 20 microns. Available in four sizes with 1/4″ FPT connections. Each filter will last up to six months. The Micro-Carbon 4 is available for removing objectionable tastes and odors.

Application	Micro-Plus 2	Micro-Plus 4	Micro-Plus 8	Micro-Plus 16	Micro-Carbon 4
P/N	4615-W3	4612-W3	4613-Y8	4614-Y8	4617-24
Water (per day)	12.5 gallons	25 gallons	50 gallons	100 gallons	50 gallons
Ice (per day)	Up to 125 lbs.	Up to 250 lbs.	Up to 500 lbs.	Up to 1000 lbs.	---
Coffee (per week)	25 lbs. (1,250 cups)	50 lbs. (2,500 cups)	100 lbs. (5,000 cups)	200 lbs. (10,000 cups)	---

NP Series Housings

These housings are designed to hold one of the NP Cartridges used to filter water for ice machines, coffee urns, and other beverage equipment. The housings fit specific cartridges for controlling scale, sediment, or objectionable tastes and odors. The NP24DD is equipped with 3/8″ FPT connections and handles up to 4.0 gpm. The NP48DD is equipped with 1/2″ FPT connections and can handle flow rates up to 5.0 gpm.

NP24DD	4704-24
NP48DD	4714-24

6R Micromet®/Carbon Cartridge

A custom cartridge, combining phosphatet for scale-control and a carbon block for sediment (10 microns), taste and odor control.

NP24PC	4706-87
NP48PC	4716-87

Carbon Block Cartridge

These carbon blocks will remove most objectionable tastes and odors and are rated to remove particulate down to 10 microns.

NP24C	4701-87
NP48C	4711-87

Sediment Cartridge

The NP24S (5″) and the NP48S (10″) are made from FDA-approved polypropylene construction and filter down to 5 microns. In addition, the 10″ and 20″ versions are available in bulk packaging.

NP24S	4702-87
NP48S	4712-87
EC210, 20″ (10 microns)	9534-20

6R Micromet® Cartridge

The cartridge contains phosphate for scale and control, with 10 micron filtration.

NP246R	4705-87
NP486R	4715-87

6R Micromet®/Sediment Cartridge

Another custom cartridge within the NP Series, consisting of polypropylene for filtration (5 microns) and phosphate for scale-control.

NP48PS	4717-87
CG5-205, 20″	9108-27

NP Series Brackets

Some installations may require two or three NP Series housings to meet more than one specific water-related condition. This custom installation can be accomplished through the use of one of the NP Series multi-housing brackets.

Two housing brackets	NP2BR
Three housing brackets	NP3BR

Problem to Solve				Daily Capacities	
Cartridge Type	Sediment	Taste & Odor	Scale	“24’s”	“48’s”
“S” Cartridges	x			1800 lbs. (200 gal.)	3600 lbs. (400 gal.)
“C” Cartridges	x	x		1800 lbs. (200 gal.)	3600 lbs. (400 gal.)
“6R” Cartridges	x		x	900 lbs. (100 gal.)	1800 lbs. (200 gal.)
“PC” Cartridges	x	x	x	600 lbs. (65 gal.)	1200 lbs. (135 gal.)
“PS” Cartridges	x		x	N/A	550 lbs. (60 gal.)

A2L FACTSHEET

WHAT ARE A2L REFRIGERANTS?

As the AC/R market transitions away from high global warming potential (GWP) refrigerants, A2L refrigerants have been approved by the EPA as suitable lower GWP options. These next generation refrigerants have a lower GWP than the current hydrofluorocarbon (HFC) refrigerants, however are mildly flammable per ASHRAE Standard 34. The most common A2Ls expected in the air conditioning market are R-32 and R-454B.[1,2]

HOW IS SERVICING A2L SYSTEMS DIFFERENT?

The basic fundamentals and best practices when conducting a service call on A2Ls will not vary greatly compared to the current A1 refrigerants like R-410A. However, more attention should be paid to these best practices with added special considerations and A2L-rated tools.[3]

ASHRAE STANDARD 34

HIGHER FLAMMABILITY	**A3** R-50, R-170, R-290 R-600a, R-441a, R-1270	**B3** R-1140
FLAMMABLE	**A2** R-142b, R-152a	**B2** R-30, R-40
LOWER FLAMMABILITY	**A2L** HFO-1234yf, R-32, R-454B	**BL2** R-717
NO FLAME PROPAGATION	**A1** R-11, R-22, R-134a, R-410a, R-449B, R-1234zd	**B1** R-10, R-21 R-123, R-764
	LOWER TOXICITY	**HIGHER TOXICITY**

Are Nu-Calgon products compatible with A2Ls?

Yes, many of Nu-Calgon's products are used outside of the refrigerant circuit and are compatible with A2L equipment. And our internal treatments like EasySeal Ultimate, Rx-Acid Scavenger and EasyDye are compatible with A2L refrigerants. Below are just a few of our notable A2L ready products.

A2L READY

REFERENCES:

1. https://www.epa.gov/climate-hfcs-reduction/background-hfcs-and-aim-act
2. https://www.ashrae.org/file%20library/technical%20resources/bookstore/factsheet_ashrae_english_november2022.pdf
3. https://e360blog.copeland.com/keys-to-servicing-a2l-refrigerants/

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Nu-Calgon UNIVERSITY

We're excited to launch our online learning platform for wholesalers and contractors! We have developed over 25 courses to help educate you and your staff further on Nu-Calgon products, industry knowledge, and more!

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- Total System Protection
- Filtration
- Everpure
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- Aerosol Products
- Phase III & Rx-Acid Scavenger
- The Clean Coil Program
- EasySeal Ultimate
- Thermo-Trap
- Specialty Products
- IAQ
- Glycol & Accessories
- Refrigeration Oil & Additives
- NuLock
- EcoPure
- FlareMate
- Understanding Water

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