Nu-Calgon

CANADIAN PRODUCT CATALOG

Quality Products for

Air Conditioning, Refrigeration & Heating

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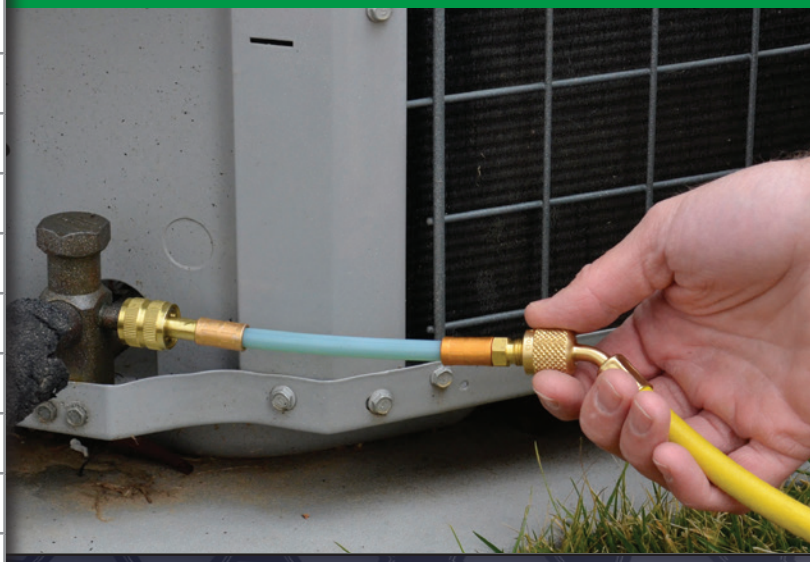


EasySeal
DIRECT INJECT

READY — Compatible with All Refrigerants & Oils

SET — Easiest to Install

SEAL! — Permanent

Takes seconds to inject.

No injection hose or caulk gun needed.

Concentrated formula means less material in the system.

The Next Generation of Refrigerant Leak Sealant

EasySeal Direct Inject

EasySeal Direct Inject is a new generation of sealants. Its patent pending injection method makes it easier to install than other sealants. With this new injection system, pumping down the unit is a thing of the past. EasySeal Direct Inject works with all refrigerants and oils. Concentrated formula means less material in system. It is perfect for split systems, heat pumps, microchannel coils, packaged units, and mini splits.

EasySeal Direct Inject	4050-08

A/C EasySeal

A/C EasySeal prevents and seals refrigerant leaks in residential and light commercial ACR systems. It is perfect for those hard-to-find and expensive-to-fix leaks and works with all refrigerants (except ammonia). 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.

A/C EasySeal	3 ounce pressurized can - treats 1.5 to 5 ton systems	4050-06
A/C EasySeal-SS	1.25 ounce pressurized can - treats fractional to 1.5 ton systems	4050-01
"2+1" Display Pack	2 cans of A/C EasySeal and an A/C Piercing Valve and Hose	4050-02
A/C EasySeal-XL	Treats systems with refrigerant charge of 125 lbs. – 250 lbs.	4050-10
A/C Piercing Valve and Hose		4051-99

A/C EasyDry

This product is a quick and simple way to prevent and eliminate moisture in a system. A/C EasyDry contains a dehydrating agent that converts system moisture into a natural organic material that is compatible with and mixes with the lubricant. It is great for preventing acid formation which is caused by moisture in a system and works with all refrigerants (except ammonia). Each can will treat up to a 5 ton system and is easily installed with the reusable piercing valve and hose.

3 ounce pressurized can	4051-06
A/C Piercing Valve and Hose	4051-99

Total System Protection

Total System Protection

Endorsed by York®, Goodman®, Nordyne®, Coleman®, and Daikin®

Rx11-flush®

Rx11-flush is a unique solvent engineered specifically for flushing refrigeration and air conditioning systems. Rx11-flush is ozone-safe, non-toxic, and non-flammable. Used exactly like the old R-11 flushing process, its patented HFC based solvent formulation is powerful enough to flush away sludge, carbon residues, oils, acids, water and other particulate. Rx11-flush is ideal for system flushing after burnouts, during retrofits and for flushing line sets for R-410A conversions. Rx11-flush has been the industry's standard for over a decade and contractors agree, it's the best flush for R-410A retrofits and after compressor burnouts.

Rx11-flush Starter Kit	Contains a 1 lb. canister, Rx11-flush Gun and Hose, and Injection Valve	**4300-08**
1 lb. canister	Recommended for a 3-4 ton system	**4300-09**
2+1 Display Pack	Contains one Injection Valve and two 2 lb. canisters	**4300-10**
2 lb. canister	Recommended for a 5-7 ton system	**4300-11**
13 lb. canister	Recommended for up to 50 ton system	**4300-15**
26 lb. canister	Recommended for systems over 50 tons	**4300-26**

Rx11-flush® Liquid

Rx11-flush Liquid is a new and improved chemistry that is the next generation in flushing technology. It remains a constant boiling solvent and is now stronger, faster acting and dissolves more oil, moisture and contaminants than any other flush. It is ideal for line sets, burnouts and other flushing requirements.

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**

(Injection Valve fits Pneu-flush® and pressurized Rx-Acid Scavenger® as well)

Rx-acid scavenger®

Rx-Acid Scavenger®

The most effective way to neutralize or "scavenge" acid in refrigeration, air conditioning systems. It 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.

2 fluid ounce unpressurized bottle	4301-02
3.8 ounce pressurized can	4301-05
Injection Valve	4300-89

(Injection Valve fits Rx11-flush® and Pneu-flush® as well)

Phase III® Refrigeration Oil Acid Test Kit

Formulated for use with POEs as well as mineral oils and alkylbenzene. 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). Just two bottles to work with, it is simple, safe, accurate, and small enough that you can carry several in your tool box.

1 each	4320-W8

How to Test Oil with Phase III®

1. Pour the solution from the small bottle into the large bottle. The bottom layer of this mixture will be purple.
2. Completely fill the small bottle with oil from the unit being tested. Do this immediately after the oil is removed from the crankcase since exposure to air will contaminate the oil and give a false test result.
3. Pour the oil into the large bottle and shake well.
4. Wait two to three minutes. A phase separation will develop as the oil rises to the top of the mixture and an aqueous layer forms on the bottom.
5. If the bottom layer:
   Stays purple- the oil is satisfactory.
   Turns light pink or loses color completely- the oil is contaminated.

Good Oil Bad Oil

A/C Re~New

A/C Re-New

A/C Re-New is a highly formulated product that has established an outstanding track record enhancing the performance of air conditioning and refrigeration systems. A/C Re-New aids with 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 and old systems.

1 quart can	4057-54
4 fluid ounce can	4057-55
A/C Re-New Injector Tool	4057-99

Coil Cleaner Selection Guide

Nu-Calgon Coil Cleaners
Found on Pages 6-7

	Nu-Brite®		Foam-Brite®	Alka-Brite® Plus	Cal-Brite®	TriClean™ 2x	Nu-Solve™ NR	Tri-Pow'r® HD	CalClean®		Special HD CalClean®
EQUIPMENT USED ON											
Condenser Coils	•		•	•	•	•	•	•	•		•
Evaporator Coils					•			•	•		•
Permanent Filters					•		•	•	•		•
Electronic Air Filters											•
Small Condenser Coils	•		•	•	•	•	•	•	•		•
Small Evaporator Coils					•			•	•		•
Fan Blades, Grilles, Etc.					•	•	•	•	•		•
Microchannel Coils						•	•	•	•		•
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	Aerosol •	Liquid •	•	•	•				Aerosol •	Liquid	
Brightening	•	•	•	•	•						
Degreasing	•	•	•	•	•	•	•	•	•	•	•
Disinfectant											
Non-Rinsing (Evaporators)								•*		•*	•*
Non-Rinsing (Condensers)							•				
Biodegradable	•	•	•	•	•	•	•	•		•	•
USDA Authorized	•	•							•	•	•
EPA Registered											
NSF Registered		•	•	•		•		•	•		

* Dilution ratios for no rinse applications: Tri-Pow'r HD = 10:1, Special HD CalClean = 40:1, Liquid CalClean = 10:1 (Aerosol CalClean must be rinsed.)

Coil Cleaner Selection Guide

Nu-Calgon Coil Cleaners
Found on Pages 8-9

	Evap-Powl'r®-C	Cal-Green™	Evap-Green™	Green Clean	Evap-Foam®	Blackhawk®	Nu-Blast®	Cal-Blast®
EQUIPMENT USED ON								
Condenser Coils		•		•		•	•	•
Evaporator Coils	•		•	•	•	•		
Permanent Filters	•	•	•	•	•	•	•	•
Electronic Air Filters								
Small Condenser Coils		•		•		•	•	•
Small Evaporator Coils	•		•	•	•	•		
Fan Blades, Grilles, Etc.		•	•	•	•	•	•	•
Microchannel Coils	•	•	•	•	•	•	•	•
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	Solvent	Solvent
Foaming					•	•		
Brightening								
Degreasing				•		•	•	•
Disinfectant								
Non-Rinsing (Evaporators)	•		•		•	•		
Non-Rinsing (Condensers)							•	•
Biodegradable	•	•	•	•	•	•		
USDA Authorized	•							
EPA Registered								
NSF Registered					•	•		

Coil Cleaners

Nu-Brite®

Nu-Brite is the most effective coil cleaner available today. It foams, brightens, and is an equally effective yet safer alternative to HF acid-based products. It produces a high volume of foam that cleans more effectively than acids, particularly in removing grease. Biodegradable. The liquid versions are USDA approved and NSF registered.

18 ounce can	4291-18
1 gallon bottle	4291-08 - Canadian #4891-08
2.5 gallon pail	4291-05*
55 gallon drum	4291-01

Foam-Brite®

The ultimate in foaming alkaline cleaners. It provides for excellent cleaning and brightening, and at the same time provides 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

Alka-Brite® Plus

A non-acid, alkaline based product for brightening and cleaning air cooled condensers. It contains the best available detergents to quickly penetrate and remove oxidation, and 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

Cal-Brite®

Cal-Brite is a low pH cleaner developed for cleaning evaporator coils, air-cooled condensers and other finned cooling and heating coils. It's versatility is based upon glycolic acid 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

* A 2.5 gallon pail wrench is also available. Part Number ZE64.

Coil Cleaners

TriClean 2x™

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

1 quart sprayer with hose connector	4372-24

NSF

Nu-Solve™ NR

Ready-to-use, non-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. Nu-Solve NR 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

Tri-Pow'r® HD

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 fluid or liquid form that can be easily rinsed away. It is non-acid, non-toxic, and biodegradable. NSF registered. Also great for microchannel coils.

1 gallon bottle	4371-88
55 gallon drum	4371-81

NSF

CalClean®

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. USDA approved Aerosol is NSF registered. Also great for microchannel coils.

20 ounce can	4081-75
1 gallon bottle	4135-08 - Canadian #4820-08
2.5 gallon pail	4135-06*
55 gallon drum	4135-01

NSF

Special HD CalClean®

The best non-foaming cleaner available. Specifically formulated to remove tobacco tars from electronic air cleaners as well as the most stubborn deposits from finned coils. USDA approved. Also great for microchannel coils.

1 gallon bottle	4143-08 - Canadian #4823-08
2.5 gallon pail	4143-06*
55 gallon drum	4143-01

* A 2.5 gallon pail wrench is also available. Part Number ZE64.

Coil Cleaners

Evap Pow'r®-C

A no rinse product formulated for cleaning evaporator coils. It is metal-safe, and it cleans and emulsifies even the most stubborn soils and deposits. Biodegradable. USDA approved. Also great for microchannel coils.

1 gallon bottle	4168-08
2.5 gallon pail	4168-05*
55 gallon drum	4168-01

The following products are part of Nu-Calgon's Environmentally Friendly Green Select line. They have been recognized by the EPA's Design for the Environment program, which tests and identifies products that are safer for the environment.

Green Select™ Environmentally Friendly Products

Cal-Green™ Condenser Cleaner

Cal-Green is a plant-based, natural condenser cleaner that is powerful enough to remove dirt, grease, and grime but environmentally safe for use around people, plants, animals, and aquatic life. This non-foaming, non-toxic concentrate is perfect for cleaning residential or commercial systems and restores their efficiency while being environmentally responsible. Also great for microchannel coils.

1 gallon bottle	4190-08
55 gallon drum	4190-01

Evap-Green™ Evaporator Cleaner

Evap-Green is a no rinse product 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 uses only natural and renewable resources that are on the EPA's Design for the Environment list for safer chemistries. Evap-Green is also biodegradable and will not harm plants, animals, and aquatic life. Metal-safe - meets OEM guidelines for all aluminum coils, including microchannel types.

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

Green Clean

A pleasantly scented, all-purpose, environmental friendly cleaner designed for the rapid removal of grease and other heavy soils. 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

* A 2.5 gallon pail wrench is also available. Part Number ZE64.

Coil Cleaners

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

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

Nu-Blast®

A no rinse condenser coil cleaner in a convenient aerosol package. Double action of high pressure blast and solvent cleaning restores design efficiency of condenser coils. It is non-flammable and non-conductive. No rinse required - cleaning solvent evaporates completely. Use with adequate ventilation.

18 ounce can	4290-75

Cal-Blast®

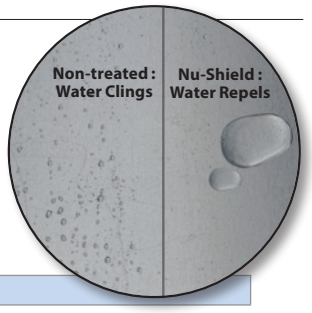
Cal-Blast is a no rinse condenser cleaner that will powerfully separate undesirable materials from the surface, offering maximum cleaning of finned coils. It's a high performance aerosol with excellent solvency and blasting spray.

20 ounce can	4132-20

Coil Protectants

Nu-Shield®

Nu-Shield, the newest generation of chemistry for protecting coils and other surfaces, is a super-hydrophobic (water repelling) product. The non-conductive formula has numerous applications in the management of water on non-food, non-potable water surfaces for the HVAC/R trade. Simply spray it on and watch the water bead up and roll right off.



9 ounce can	4294-75

Cal-Shield®

Cal-Shield is a synergistic liquid formulation based upon DuPont's Teflon® fluoro-additives. 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

Sprayers

Coil Gun®

A different approach to coil cleaning - a "hose-end" sprayer that features 5 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.

1 each	4774-0

Coil Gun® Probe

The Coil Gun Probe is a time saving accessory for use with the Coil Gun. Its 90º direction of spray allows cleaning from inside the coil. It also provides easy access in tough to reach locations to discharge debris and emulsified grime in an outwardly direction from the coil.

1 each	4774-1

Coil Mate™ Coil Cleaning Hose

Durable 5/8 inch diameter reinforced hose with Flex-Guard protection. The 50 ft 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.

1 each	61231

No. 50P Poly Sprayer

The No. 50P is constructed of high-density translucent polyethylene. It has a half gallon (3 pint) capacity. The nozzle is adjustable and the flow rate is controlled by a thumb lever. It comes with a 7″ polyethylene pump.

1 each	4770-0

No. 100P Poly Sprayer

This sprayer is constructed of high-density translucent polyethylene. It has a funnel top for easy chemical pouring and a 1 gallon working capacity. It comes with a 8″ polypropylene pump, brass handle and extension tube with adjustable nozzle, a wear-resistant hose, and a pressure relief valve.

1 each	4770-2

No. 200P HiPressure Poly Sprayer

The No. 200P HiPressure Poly Sprayer is constructed of high-density translucent polyethylene. It has a 2 gallon working capacity, funnel top, pump handle, and equipped with all-brass hardware. No pumping is required. Pressurize the sprayer with water through a "quick disconnect" fitting.

1 each	4771-2

No. 220CP Poly Sprayer

The No. 220CP Poly Sprayer is constructed of high-density translucent polyethylene with a funnel-top that provides easy chemical pouring. This 2 gallon capacity sprayer features an easy fill level indicator and comes with an 8″ pump and a high resin plastic adjustable nozzle with three feet of hose.

1 each	4771-3

No. 300P Poly Sprayer

The No. 300P Poly Sprayer is constructed of high-density translucent polyethylene. It has a funnel-top and a 3.5 gallon capacity (3 gallon working capacity). It comes with a 10″ Celcon pump, brass extension tube with adjustable nozzle, and five feet of vinyl hose.

1 each	4772-0

Multi-Purpose Sprayer

A 24 ounce capacity sprayer. It is ideal for small cleaning jobs, such as window units and water coolers.

1 each	4768-W3

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

Gel Tabs - Condensate Drain Pan Treatment

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 with nothing left to remove for up to 3 months. Stack together to increase duration.

3 ton tab (12 in tube)	4185-03
3 ton tab BULK (200)	4185-04
5 ton tab (6 in tube)	4185-05

15 ton tab (1 each)	4185-15
20 ton tab (1 each)	4185-20

Cal-Fresh

Use Cal-Fresh wherever malodors exist as it inhibits odors rather than masking them. Cal-Fresh is specifically formulated for industrial use in treating odor problems commonly found in air conditioners, autos, sick rooms, refrigerators, motels, nursing homes, ice makers, hotels, evaporators, humidifiers, freezers, and trucks. Cal-Fresh is not a masking agent. It attacks the odor at its source.

1 quart spray bottle	4126-40

Bio-Fresh® Fogger

The Bio-Fresh Fogger is made of a one-piece, seamless heavy-duty copolymer. It uses a 48″ flexible hose and is adjustable from 0-18 ounces per minute with the respective particle size at 20 to 80 microns. It's ideal for spraying Cal-Fresh in duct work and large areas.

1 each	4693-0

Pan-Treat®

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

1 bottle (200 tablets)	4296-60

PurCool® Strips

PurCool Strips keep A/C and refrigeration condensate drain pans clean and free flowing. Use PurCool Strips to prevent condensate drain clogs, costly overflows, and corrosion. Just place them anywhere in the drain pan where the PurCool Strip will contact the condensate water and enjoy up to six months of economical protection. PurCool Strips will adhere to the drain pan and will not float or move. Dissolves completely leaving no residue. Safe for metal and plastic drain pans.

	Nu-Calgon	ClenAir
Treats 30 tons - 6 mos.	61040	2009
Treats 10 tons - 6 mos.	61041	2003D
Treats 5 tons - 6 mos	61042	2001D

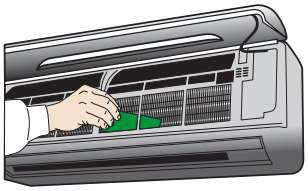
	Nu-Calgon	ClenAir
Treats 3 tons - 6 mos.	61043	1903D
3 tons Bulk	61047	1903D-100

PurCool® Green Commercial Strips

Green product to prevent slime, sludge, odors, and overflows in commercial air handler condensate pans. Time release formula adheres to pan and fully dissolves over time. No housing or sock to remove. Unique green formula utilizes plant based suspending and dispersing action to keep drain pans clean and free flowing. Lasts up to 6 months.

	Nu-Calgon Number	ClenAir Number
PurCool Commercial Strip 10 ton	61045	PCG10T
PurCool Commercial Strip 30 ton	61046	PCG30T

PurCool® Green Mini Strip



One Mini Strip treats up to 5 tons. Prevents slime, sludge, odors and overflows. For prevention of drain pan fouling and overflow in mini splits, fan coil units, "A"coils, window units, and other tight drain pan applications. Mini Strips can be cut and used with multiple evaporators. Time release formula completely dissolves leaving no residue. Utilizes unique plant based suspending and dispersing action to prevent blockages from slime and sludge. Lasts up to 6 months!

	Nu-Calgon Number	ClenAir Number
PurCool Mini Strip	61044	PCG5MS

PurCool® Green Tablet

One tablet treats up to 5 tons. Prevents slime, sludge, odors and overflows. Time release formula adheres to pan and completely dissolves. It will not float and leaves no residue. Utilizes unique plant based suspending and dispersing action to prevent blockages from slime and sludge. Use multiple tablets for larger systems. Lasts up to 6 months!

	Nu-Calgon Number	ClenAir Number
PurCool Green 1 tablet	61051	PCG5T
PurCool Green Bulk	61052	PCG5T-100

PurCool® Condensate Pan Treatment Tablets

PurCool Tablets utilize a powerful formulation to keep condensate drain pans clean and free flowing. Use PurCool Tablets to remove sludge and slime in A/C condensate pans to prevent costly water damage caused by overflows. They will control clogs, build-up, odors, corrosion in drain pans, and condensate pumps, and humidifiers. Approved for computer room humidifiers. PurCool Tablets are completely soluble in water and biodegradable and will not leave any deposits on surfaces.

	Nu-Calgon Number	ClenAir Number
200 PurCool Tablets	61053	PC200
PurCool Shock Tabs	61054	PCST12

ClenAir by Nu-Calgon

At home, school, work, or play, the quality of the indoor air that we breathe affects the way we feel. The indoor air handler is the heart of the HVAC system. The air handler's cooling/heating coils, and condensate drain pan must be properly treated and maintained in order for it to supply clean, odor free, conditioned air to the home or building. ClenAir by Nu-Calgon's Quality Indoor Air Program provides the products to treat the cooling/heating coils, condensate drain pan, and HVAC system air as it passes through the air handler.
Breathe easy with ClenAir!

The Original ClenAir™ Odor Neutralizer

ClenAir's unique odor neutralizing formula removes odors quickly and permanently. Originally designed for use in central air systems, on fire and flood restoration jobs and in sewage facilities, ClenAir is a professional product, yet it leaves no lingering antiseptic or perfume smell. Use ClenAir gel to combat stubborn odors, even those that have built up over time like cigarette odor or pet odors. Simply place the gel near the source of the odor or in the return duct of your central air system. The best product available for musty basements. Great for smoke and water damage as well as pet odors. Used by heating and air conditioning technicians, professional duct cleaners, janitors and property management.

	Nu-Calgon	ClenAir
Mini Tub	61000	CA1500M
1/2 lb. Tub Display Box	61001	1500D
1/2 lb. Tub	61002	1500
1 lb. Tub	61003	1501
3 lb. Tub	61004	1503

	Nu-Calgon	ClenAir
10 lb. Tub	61005	1510
30 lb. Tub	61006	1530
Wall Unit (White)	61007	1300
Gel Brick for Wall Unit (1lb.)	61008	1401

CherryAir® Odor Neutralizer

CherryAir Odor Neutralizer removes odors quickly and permanently leaving a pleasant cherry fragrance behind. Using unique ClenAir odor neutralizing technology, CherryAir is a true odor eliminator - not an odor mask like many scented products. CherryAir attacks odors caused by fuel oil, smoke, pets, mold and mildew, cigarette and cigar smoke, decay, cleaning solvents, and even skunks!

	Nu-Calgon	ClenAir
Mini Tub	61018	CA1800M
1/2 lb. Tub Display Box	61010	1800D
1 lb. Tub	61011	1801

	Nu-Calgon	ClenAir
3 lb. Tub	61013	1803
10 lb. Tub	61015	1810
30 lb. Tub	61017	1830

OrangeAir® Odor Neutralizer

OrangeAir Odor Neutralizer uses the unique ClenAir odor neutralizing technology to safely eliminate odors, leaving a refreshingly crisp orange fragrance behind. OrangeAir is not a mask or cover-up. It is a true odor eliminator. OrangeAir eliminates odors caused by smoke, pets, fuel oil, mold, mildew, bacteria, cigarette smoke, water damage, fire damage, stale air, decay, chemicals, even skunks!

	Nu-Calgon	ClenAir
Mini Tub	61028	CA1300M
1/2 lb. Tub Display Box	61020	CA1300D
1 lb. Tub	61021	CA1301

	Nu-Calgon	ClenAir
3 lb. Tub	61023	CA1303
10 lb. Tub	61025	CA1310
30 lb. Tub	61027	CA1330

Side Vent for Carbon Filtration

HVAC Odor Block®

ClenAir HVAC Odor Block is not a perfume mask or cover-up. The unique ClenAir formula molecularly reacts with the airborne odor causing compounds and eliminates them and other indoor pollutants leaving clean, fresh, air behind. The HVAC Odor Block makes it easy to remove odors and improve the indoor air quality in the entire home or building by treating the air through the HVAC system.

- Eliminates odors and improves indoor air quality.
- Treats all home or building air through the HVAC system.
- Use in A/C units, furnaces, rooftop units, fan coil units, and air handlers.

	Nu-Calgon Number	ClenAir Number
Residential HVAC Odor Block	61060	1502
Commercial HVAC Odor Block	61061	CA1015

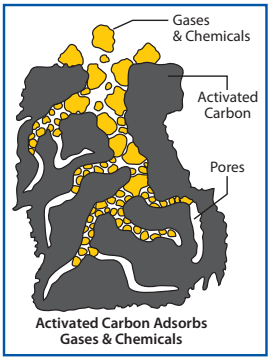
HVAC Carbon Block® In-Duct Air Purification System

HVAC Carbon Block is an add-on Carbon purifier for all HVAC systems. Improves indoor air quality by removing odors, indoor air pollutants, and VOC's. Treats up to 10 tons for 6-9 months.

	Nu-Calgon Number	ClenAir Number
HVAC Carbon Block	61062	CACB10

HVAC Carbon Block® Removes Many Indoor Air Pollutants Including:

- Animal Odors
- Food Odors
- Ozone
- Tobacco Smoke
- Formaldehyde
- Body Odors
- Paint Fumes
- Auto Exhaust
- Sewer Gases
- Burnt Odors
- Printer Gases
- Chlorine
- Turpentine
- Cosmetics
- Mercaptans
- Ammonia
- Solvents
- Alcohol
- Cleaning Chemicals
- Acetone
- VOC's
- Smog
- Mildew
- Hospital Odors



ClenAir Liquid Formula

ClenAir Liquid is a fast acting deodorizing product. It eliminates odors via an oxidation process while leaving a fresh scent. Applications include HVACR equipment including evaporator coils, duct work, condensate pans, refrigeration cases, reach-ins, and walk-in boxes. It can also be poured down drains, garbage disposals, and in trash cans. Spray in restrooms, locker rooms and on fouled carpeting, upholstery. Used by hospitals, nursing homes, HVACR technicians.

	Nu-Calgon	ClenAir
Unscented Spray 16 oz.	61030	1600D
Unscented Liquid 1 gal.	61031	1610
Citrus Spray 16 oz.	61033	1700D

	Nu-Calgon	ClenAir
Citrus Liquid 1 gal	61035	1710
CherryAir Spray 16 oz.	61037	1900D
CherryAir Liquid 1 gal.	61038	1910

Cal-Blue® Plus Gas Leak Detector

Cal-Blue Plus is a complete gas leak detector, freeze protected 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. 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 has added freeze-protection to -20˚F. It is the ideal detector for geographical areas that may experience very cold temperatures. 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, 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. USDA approved.

6 ounce bottle with dauber	4180-53 - Canadian #4832-C9

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

Polyol Ester (POE) Lubricant

Emkarate® RL Lubricant

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 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		
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
68H	300 SUS	4316-44	4316-46	4316-45	4316-41
68HB	300 SUS		4316-86	4316-85	
68HP	300 SUS		4316-76		4316-71
100E	500 SUS		4317-66		
170H	850 SUS		4318-26	4318-25	4318-21
220H+	1100 SUS		4318-66	4318-65	4318-61
220XL	1100 SUS			4318-75	

Mineral Oil

C-3s, C-4s, C-5s Refrigeration 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, providing the important properties required from an efficient refrigeration oil.

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

Polyvinyl Ether (PVE) Lubricant

Idemitsu Polyvinyl Ether Lubricant

PVE lubricants provide for increased stability and lubrication. They do not hydrolyze in the presence of moisture, a very important feature in HVAC/R 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	32 SUS	4319-14
FVC68D	68 SUS	4319-24

Alkylbenzene Oil

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, low temperature performance compatibility with mineral oils. It is the oil of choice for R-22 and R-502.

Zerol	Viscosity	1 Gallon	5 Gallon	55 Gallon
150	150 SUS	4310-07		4310-01
200TD	200 SUS	4308-07		4308-01
300	300 SUS	4311-07	4311-05	4311-01
400CA	400 SUS		4311-65	
500	500 SUS		4312-05	

Vacuum Pump Oil

Cal-Vac® Vacuum Pump Oil

Nu-Calgon's Vacuum Pump Oil is 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

Refrigeration Oil Products

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

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 residual of 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

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

Aerosol Coil Cleaners

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

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®

Cal-Blast is a no rinse condenser cleaner that will powerfully separate undesirable materials from the surface, offering maximum cleaning of finned coils. It's a high performance aerosol with excellent solvency and blasting spray.

20 ounce can	4132-20

Nu-Blast®

A no rinse condenser coil cleaner in a convenient aerosol package. Double action of high pressure blast and solvent cleaning restores design efficiency of condenser coils. It is non-flammable and non-conductive. No rinse required - cleaning solvent evaporates completely. Use with adequate ventilation.

18 ounce can	4290-75

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.

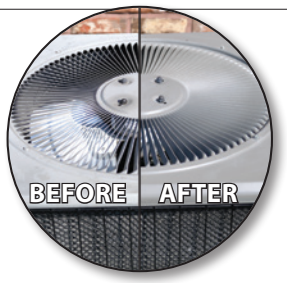
18 ounce can	4127-75

CalClean®

CalClean is a heavy duty detergent formulation of surfactants, grease solvents, alkaline cleaners, corrosion inhibitors, and water conditioners. Ideal for cleaning window units as well as small evaporator coils, air cooled condenser coils, metal filters, fan blades and other surfaces soiled with greasy dust and dirt. NSF registered.

20 ounce can	4081-75

Aerosol Specialty Products



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.

	Nu-Calgon Number	ClenAir Number
12 oz.	61118	ACS12

Nu-Shield™

Nu-Shield, the newest generation of chemistry for protecting coils and other surfaces, is a super-hydrophobic (water repelling) product. The non-conductive formula has numerous applications in the management of water on non-food, non-potable water surfaces for the HVAC/R trade. Simply spray it on and watch the water bead up and roll right off.

9 ounce can	4294-75

Aerosol Lubricants

Break-n-Lube™

This advanced technology 4-in-1 product is made with CERFLON® for high performance in a non-drying penetrating lubricant. It's highly versatile with the ability to penetrate, lubricate, displace moisture, and provide superior resistance to corrosion. It's especially formulated to help free rusted parts and assemblies.

12 ounce can	4128-03

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

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. USDA approved.

16 ounce can	4086-03

PenetrateHD® Super Penetrating Lubricant

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 and protects metals. Dielectric strength 40,000 volts.

12 ounce can	61105
17 ounce can	61106
12 ounce can - LV*	61107
17 ounce can - LV*	61108

** LV = Low VOC for California*

Aerosol Adhesives

Spray-n-Bond™

A wide web spray adhesive formulated specifically for insulation and duct liner applications. Ideal for porous surfaces, it is waterproof, flexible, transparent, non-staining, and it can be used for both temporary or permanent bonds. Formulated with the environment in mind, it contains no chlorinated solvents or ozone depleters, and it is voc-compliant in states such as California.

12 ounce can	4369-75

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

Aerosol Specialty Products

Pipe-Dri®

Aerosol insulation which 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.

18 ounce can	4297-75

Pan-Spray®

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

Pump Protector

When corrosion occurs in close-tolerance areas, it can cause the impeller to stick or bind. Pump Protector protects seasonally operated pumps against corrosion during shutdowns by winterizing them. 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

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

Electrical Contact Cleaner

Cleans, lubricates, and protects electrical contacts from corrosion, and is safe on most plastics. Cleaning action quickly removes greases, dust, and oxidation, restores and maintains precision and efficiency to the instrument and component. Includes extension tube for pinpointing application. USDA approved.

11 ounce can	4082-03
14 once can - LV *	4082-04

** LV = Low VOC for California*

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*

Great Wipes

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

Scrubs-In-A-Bucket® HVAC80

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 80 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

Quick Seal™ Pipe Repair

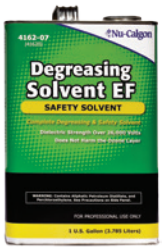
A permanent knitted fiberglass impregnated tape that is designed for quick, in-the-field repair of leaks for all types of pipes. It can be used on both cold or hot water as well as refrigeration, plumbing, industrial, commercial, and residential applications. It is safe for potable water and is UL listed.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

2´´ x 3´ wrap	4299-10
4´´ x 12´ wrap	4299-11

Thermo-Trap®

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. Available in paste as well as a gel.

Thermo-Trap Paste	11 ounce tube	4371-36
Thermo-Trap Gel	1 quart spray bottle	4371-32
Thermo-Trap Gel	4 fluid ounce spray bottle	4371-53



Degreasing Solvent EF

A degreasing solvent that is ozone-safe and environmentally friendly. It is a volatile solvent that provides effective degreasing and cleaning as well as controlled drying with absolutely no residue. It has a dielectric strength in excess of 26,000 volts.

1 gallon	4162-07
1 gallon - LV*	4162-17

** LV = Low VOC for California*

Visible Defects Heat Exchanger Inspection System

The Visible Defects Heat Exchanger Inspection System is a complete kit that enables the technician to better evaluate the integrity of a heat exchanger. If a crack exists, the specially formulated fluorescent penetrant visually enhancing the crack allowing the technician to see the defect easier.

Visible Defects Kit	4385-00
Visible Defects Replacement Solution	4385-06

Insulation Products

Perma-Wrap™ Foam Insulation Tape

Formulated from the highest quality elastomeric thermal insulation material, and is manufactured to meet the needs of today's air conditioning and refrigeration applications. Its closed cell construction seals out air and moisture, slowing down heat transfer and providing complete insulation. Used on hot or cold water pipes, chilled water, and refrigerant lines to prevent sweating and condensation. Service temperatures as low as -20°F with a high continuous temperature of 160°F and a high intermittent temperatures of 220°F.

2″ x 1/8″ x 30´ roll	4218-W3
2″ x 1/8″ x 30´ roll - Dispenser Package	4218-12

Foam-Tite®

An economically priced tape formulated from quality thermal insulation material. It utilizes closed cell construction and can be used on cold water pipes, chilled water lines and refrigerant lines to prevent sweating and condensation. It can also be used on hot water lines, for better insulation against heat loss. Service temperatures of -15°F to 160°F.

2″ x 1/8″ x 30´ roll	4219-12

Cork Tape

Formulated and manufactured for the air conditioning and refrigeration industry, it meets and exceeds specifications as an insulating material for preventing sweating and condensation on refrigerant lines, cold pipes, and other commercial refrigeration and a/c systems. Also serves as an excellent insulator on hot pipes, and used as a gasketing material, a sound-deadening material, and for wrapping valves, tees, and fittings. Service at temperatures 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

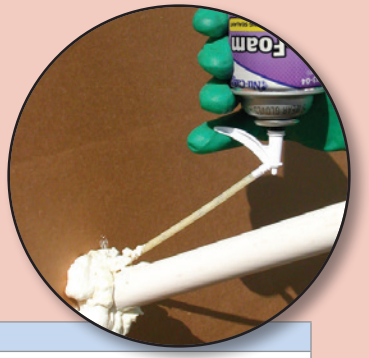
Cork-Tite®

Designed for all types of climates, insulating cold pipes for all kinds of air conditioners in cars, homes, freezers, and refrigerators. Helps stop condensation problems and is ideal for retarding heat gain in cold pipes and preventing heat loss in hot pipes. An effective sound dampening material, it can also be used for gasketing purposes, sticks to all kinds of dry metals and seals tightly without drying. It is flexible and does not shrink or melt within the service temperature of -20°F to +200°F.

2″ x 1/8″ x 30´ roll	4217-12

Nu-Foam®

Nu-Foam is an expanding polyurethane prepolymer foam. It is 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 nor any HCFCs, and is UL classified and fire retardant.



12 ounce can	4293-04
20 ounce can	4293-75

Sealing and Caulking Cords

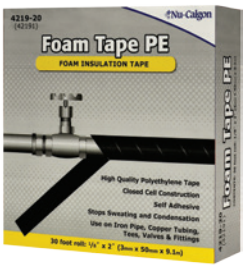
Sealing and Caulking Cords are nonstaining sealers formulated from the highest quality raw materials. They are water-resistant, dust-resistant and white in color. In addition, they securely adhere to most surfaces and provide excellent insulation value. They are available in 3/8″ pre-shaped extruded cords, with serrated release paper.

3/8″ x 25′ roll	4216-27

Thumb-Tite®

This compound is formulated and manufactured for use in many sealing, insulating, and general maintenance applications. It has excellent adhesion capability and is non-staining, non-hardening, and unaffected by wide variations in temperature - an excellent thumbing grade. It is packaged in 2 pound boxes, each box contains two one pound bars.

2 lb. box	4216-92



Foam Tape PE

Foam Tape PE insulation tape provides an economical way to prevent sweating or condensation on air conditioning, refrigeration, chilled water or other cold lines. It can also be used on hot water lines for insulation against heat loss and it can be overlapped or the edges can be butted.

2″ x 1/8″ x 30′ roll	4219-20

Propylene Glycol

Freez-Kontr'l®

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- generally regarded as safe.)

- Freez-Kontr'l - provides greater than -60°F freeze protection and greater than -100°F burst protection
- Freez-Kontr'l 95/5 - a fully concentrated (~100%), inhibited propylene glycol product
- Freez-Kontr'l 35 - formulated with 35% propylene glycol for use as a secondary coolant in supermarket rack applications
- Freez-Kontr'l FG - a certified USP, food grade propylene glycol product at ~100% concentration. Inhibited. NSF registered.

Freez-Kontr'l	1 gallon bottle	4188-07
	5 gallon pail	4188-05
	55 gallon drum	4188-02
Freez-Kontr'l 95/5	5 gallon pail	4188-06
	55 gallon drum	4188-03
Freez-Kontr'l 35	55 gallon drum	4188-35
Freez-Kontr'l FG	55 gallon drum	4188-04

NSF

Burst-Kontr'l® AP-100

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 as well. Provides burst protection to -100°F and freeze protection to -60°F.

5 gallon pail	4187-15

Ethylene Glycol

Freez-Therm®

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

Glycol Equipment

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.

	Nu-Calgon Number	ClenAir Number
1 each	61301	GLY32

Glycol/ Oil Transfer Pump

Heavy-duty pump designed to transfer Freez-Kontr'l®, Freez-Therm®, or oil products (up to 1000 sus) from Nu-Calgon supplied 55 gallon drums to their application.

1 each	4817-10

Winter Treat®

Multi-treatment product for hot water and steam heating boilers and other closed water systems. It emulsifies and cleans away rust, corrosion deposits sludge, as well as inhibits system corrosion, foaming, surging, and lime scale. Typical use is one quart per 25 gallons of water.

1 quart bottle	4390-32
1 gallon bottle	4390-08

Ty-Ion® B20

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

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

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

Scale Removal

Neutralized | Working Strength

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.

Competitive Product with Dangerous Foam | Nu-Calgon Low-Foaming Liquid Scale Dissolver

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.

Liquid Scale Dissolver

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 - Canadian #4845-K8
5 gallon pail	4330-05 - Canadian #4845-PB
55 gallon drum	4330-01

Eco-Lyme®

Eco-Lyme is a new chemistry for the HVAC/R 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

Season Start® "Imperial Grade" Scale Remover

A powdered sulfamic acid formulation that contains the best inhibitors available for protecting all metals including galvanized metal. It is the best and the safest dry acid cleaner available. It contains a built-in pH color indicator to let you know when the acid solution has been neutralized as well as wetting and anti-foaming agents. USDA approved.

10 lb. container	4360-88
50 lb. pail	4360-84

Initial Dosage Recommendation			
Tons of Horsepower	Liquid Scale Dissolver	Eco-Lyme	Season Start
10	2 gallons	4 gallons	10 lbs.
30	5 gallons	10 gallons	30 lbs.
50	10 gallons	20 gallons	50 lbs.
90	15 gallons	30 gallons	75 lbs.

Water Heater Scale Removal

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 five foot 3/4″ female hose threaded assemblies, 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

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

Scale Prevention

Season Treat (6R Micromet®)

This patented Micromet® Plate product is 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 5 to 6 months.

1 canister	4364-88

Ty-Ion® C70

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 which 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

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

To Inhibit Scale Formation				
Tons of Refrigeration or Horsepower	Containers of Season Treat	Tylon C70 Required per Month	No. 340 Liquid Scale Inhibitor Required per Month	Bleed-off for Most Scale-forming Waters
10	1	1/4 gallon	1/4 gallon	1/8 gpm
30	3	2/3 gallon	1/2 gallon	1/3 gpm
50	5	1 gallon	3/4 gallon	1/2 gpm
100	---	2 gallons	1 1/2 gallons	1 gpm
120	---	2 1/2 gallons	2 gallons	1 1/4 gpm
150	---	3 gallons	2 1/2 gallons	1 1/2 gpm

Corrosion Prevention

Cal-Treat® No. 233

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

To Control Corrosion		
Cal-Treat No. 233 Required per Month	Bleed-off for Most Corrosive Waters	Capacity of System in Tons of Horsepower
1/3 gallon	1/10 gpm	10
1 gallon	1/4 gpm	30
2 gallons	3/8 gpm	50
3 gallons	1/2 gpm	90

Algae Prevention

Bromicide Tablets

A chlorine-bromine donating organic compound in tablet form. It slowly releases powerful oxidizing hypohalous acids which prevent algae and slime bacteria fouling in open recirculating cooling water systems and evaporative coolers. It also has the capability of breaking up and removing existing biological mass from system surfaces. USDA approved and EPA-registered.

50 lb. pail	4109-M9

Other Water Treatment Products

Humidi-Pro™

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

pH-Treat™

pH-Treat is an in-line treatment product specific for the treatment of the acidic nature of the condensate water produced by today's high efficiency furnaces. Includes fitting kit for easy installation.

1 each	4720-06

6Rsp Micromet®

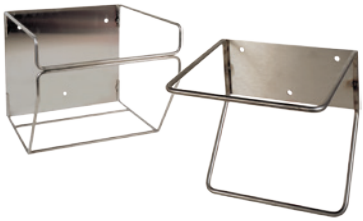
Food-grade phosphate specifically formulated for inhibiting scale in ice machines and other equipment using low volumes of water. It is used in Nu-Calgon scale controlling cartridges and requires replacement once every 6 months. Typical dosage is 8 ounces per 500 pounds of ice (50 gallons of water) a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

50 lb. pail	4265-50

No. 215 and No. 1075 Drip Feeders

Used for feeding No. 340 Liquid Scale Inhibitor, Cal-Treat 233, Ty-Ion C70 and No. 85 Algaecide. Calibrated at the factory to ensure accurate feeding. Provides the benefits of continuous treatment for small systems without the high cost usually associated with automatic feeding equipment.

No. 215 Drip Feeder	4669-W3
No. 1075 Drip Feeder	4670-W3



Jug Holders

These should be used when drip feeding any of Nu-Calgon's liquid water treatment products. Once secured to the cooling tower or evaporative condenser, they will hold the 1 or 5 gallon containers in the proper position.

1 gallon holder	4606-0
5 gallon holder	4607-0

CMS III and CMS-IV Cooling Tower Monitor System

For monitoring conditions in cooling towers and evaporative condensers. Provides subsequent bleed-off and chemical feed. It features a combination monitor and pump engineered into one-piece digital equipment. Complete system includes a solenoid valve.

CMS III	4608-0
CMS IV	4608-4

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

Conductivity Meter

A hand held conductivity meter with built-in cell and automatic temperature compensation. It has an easy to read digital meter (in micromhos, 0-10,000) and dual point calibrations.

1 each	4812-0

Plumbing Products

A/C Drain Sucker®

A/C condensate drain pan overflows are a very common and costly service problem. The overflows are 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 PurCool® Shock Tablets to clean and treat the remaining slime and sludge in the pan and lines, and a PurCool® Pan Strip to provide months of preventive treatment and free flowing drains, and all fittings & hoses for suction or pressure applications.

	Nu-Calgon Number	ClenAir Number
A/C Drain Sucker Kit A/C Drain Sucker Kit	61308	CADS1
PurCool Shock Tabs	61054	PCST12
PurCool Pan Strip - treats 3 tons - 6 mos.	61043	1903D

Calci-Solve

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.

1 quart	4134-24
1 gallon	4134-08

Drain Solve

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.

1 quart	4165-24
1 gallon	4165-08

Water Filtration - Maintenance

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. USDA approved.

16 fluid ounce bottle	4287-34 - Canadian #4841-AB
1 gallon bottle	4287-08 - Canadian #4841-08

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. USDA approved. NSF registered.

8 fluid ounce bottle	4207-47 - Canadian #4834-C7
1 gallon bottle	4207-08 - Canadian #4834-08

Ice Guard® AP

Ice Guard AP contains advanced nano-titanium technology formulated to inhibit the growth of a wide variety of slime-forming bacteria and algae found in ice machines. Ice Guard AP provides 3-6 months protection for machines up to 1200 lbs. of ice per day. Mini Ice Guard AP that is designed to fit in machines with smaller sumps. It provides 3-4 months protection in machines up to 400 lbs. of ice per day.

Ice Guard® AP	4209-06
Mini Ice Guard® AP	4209-05

Water Filtration - OEM Replacements

CFS Filtration System

A family of replacement cartridges and manifolds designed to service existing CUNO® CFS 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 brand installations and can also support new filtration installations. Nu-Plus CFS is the reliable choice for water filtration to prevent unwanted troubles caused by sediment, scale, or taste & odor existing in CUNO installations.

Sediment – 5 Micron	4623-10
Sediment – 5 Micron / Phosphate	4623-11
Carbon Block - .5 Micron	4623-12
Carbon Block - .5 Micron / Phosphate	4623-13

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

The CTL Series

The CTL Series contains a matching product for the Tri-Liminator Filtration System with specifications that are nearly identical. For example, the CTL's primary cartridge (C0070) will replace both the K00070 and K00174 cartridges, and it has more scale control ability than either of the Tri-Liminator cartridges. Part numbers are easily crossed over: CTL10 replaces the Tri-L10.

CTL 220	4610-30
Prefilter	4621-43
Primary Cartridge - CG5-20S	9108-27

Water Filtration

Micro-Plus® & Micro-Carbon 4

The complete all-in-one treatment for ice machines, coffee urns and brewers, humidifiers, steamers, etc. The Micro-Plus "in-line" filters contain 6R Micromet® to control scale, high-grade activated carbon for eliminating objectionable tastes and odors, and filter discs to remove silt and sediment down to 20 microns. Available in four sizes with 1/4″ FPT connections. When properly sized, each filter will last up to 6 months. The Micro-Carbon 4 is available for removing objectionable tastes and odors.

Micro-Plus 2	4615-W3
Micro-Plus 4	4612-W3
Micro-Plus 8	4613-Y8
Micro-Plus 16	4614-Y8
Micro-Carbon 4	4617-24

Application	Micro-Plus 2	Micro-Plus 4	Micro-Plus 8	Micro-Plus 16	Micro-Carbon 4
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)	---

Water Filtration - NP Series

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 NP24DD and NP48DD Housings can be charged with specific "NP24" or "NP48" 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 6R Micromet for scale-control and a carbon block for sediment (10 microns), taste and odor control.

NP24PC	4706-87
NP48PC	4716-87

Carbon Block Cartridge

The NP24C Cartridge fits the NP24DD Housing while the NP48C fits the NP48DD. These carbon blocks will remove most objectionable tastes and odors and are rated to remove particulate 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 to 5 microns. In addition, the 10″ as well as a 20″ version are available in bulk packaging.

NP24S	4702-87
NP48S	4712-87
20″ Bulk	4621-43

6R Micromet® Cartridge

The NP246R Micromet Cartridge contains 1 pound of 6R Micromet, and it fits the NP24DD Housing. The NP486R Cartridge contains 2 pounds of 6R and fits the NP48DD Housing, 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

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	✔			1800 lbs. (200 gal.)	3600 lbs. (400 gal.)
"C" Cartridges	✔	✔		1800 lbs. (200 gal.)	3600 lbs. (400 gal.)
"6R" Cartridges	✔		✔	900 lbs. (100 gal.)	1800 lbs. (200 gal.)
"PC" Cartridges	✔	✔	✔	600 lbs. (65 gal.)	1200 lbs. (135 gal.)
"PS" Cartridges	✔		✔		550 lbs. (60 gal.)

Nu-Plus® by Everpure® Heads

QL3B Single System Head

Used with any Nu-Plus® E Series filters. Head includes a water shut-off valve with mounting bracket and screws. (3/8″ NPT)

1 each	4621-07

QC7I Heads

Ideal for all Nu-Plus® E Series filters. Head includes a shut off, flushing valve, and outlet pressure gauge on a box bracket design.

Single Head	4621-01
Twin Parallel Head	4621-02
Triple Parallel Head	4621-03
Quad Parallel Head	4621-04

Systems

Kleensteam CT and Kleensteam II

Everpure's second generation water treatment system for steam applications.

Kleensteam is a total system delivering high quality filtered water with scale inhibition as well as deliming capabilities. The dual cartridge design provides enhanced performance for low and high flow capacity steamers and flexibility for expanding to meet future needs. Kleensteam also reduces chlorine-induced corrosion. It's simple to install, operate, and maintain.

Kleensteam CT	1.67 gpm max. flow	9797-50
Kleensteam II	2.5 gpm max. flow	9797-21

Nu-Plus E Series by Everpure High Flow CSR Manifold with Prefilter

Utilizing the nu-MC² or the nu-XC² cartridges, this system provides premium quality water to high flow fountain dispensers, coffee makers and ice machines. New and improved Micro-Pure II media inhibits the growth of bacteria. High Flow CSR reduces chlorine taste and odor and other offensive contaminants that can adversely effect the taste of beverages. Precoat submicron technology reduces dirt and particles as small as 1/2 micron and reduces health contaminants such as cysts. Additionally, the SRX Housing inhibits scale when it is equipped with scale-inhibiting IMF-10 ScaleSticks®.

High Flow CSR Manifold with Prefilter			
	Twin	Triple	Quad
10″	9294-02	9294-03	9294-04
20″	9294-22	9294-23	9294-24

Nu-Plus E Series by Everpure Coldrink/Insurice Systems

The Coldrink/Insurice manifolds can be used with any Nu-Plus by Everpure cartridges. I.E. the MC² or XC² for carbonated beverages or i2000² or i4000² for ice machines. Utilize the systems existing 10" or 20" pre-filter on a single, twin, triple, or quad manifold. Systems come with the initial EC110 or EC210 pre-filter cartidge. Just purchase the appropriate Nu-Plus by Everpure cartridge for your application.

Coldrink/Insurice Manifold with Prefilter				
	Single	Twin	Triple	Quad
10″	9293-01	9293-02	9293-03	9293-04
20″	9293-21	9293-22	9293-23	9293-24

**Everpure® is a trademark of Everpure, Inc., Westmont, IL.*

Cartridges

nu-i2000² and nu-i4000²

Reduces water-related ice machine problems caused by dirt, objectionable tastes and odor and scale build-up. Pre-coat submicron filtration reduces particles as small as 1/2 micron along with chlorine and other offensive contaminants. In addition, both cartridges use 6R Micromet*, a highly acclaimed scale inhibitor that inhibits scale build-up caused by dissolved minerals. NSF registered under NSF/ANSI Standards 42 and 53.

- Pre-coat filtration with Micro-Pure® II antibacterial protection
- Premier 6R Micromet scale control
- Cyst and asbestos fibers reduction
- Sanitary quick-change cartridge replacement

nu-i2000²	**4621-10**

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

nu-i4000²	**4621-11**

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

nu-MC² and nu-XC²

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

- Pre-coat filtration with Micro-Pure® II antibacterial protection
- Reduces objectionable tastes and odors
- Cyst and asbestos fibers reduction
- Sanitary quick-change cartridge replacement

nu-MC²	**4621-20**

Capacity: 9,000 gallons

nu-XC²	**4621-21**

Capacity: 12,000 gallons

BH² and OCS² Cartridge

- Delivers premium quality water for ice and coffee applications
- Designed for applications where the i2000² is too long
- Precoat submicron particulate reduction
- Inhibits scale formation
- Taste & odor reduction
- NSF registered under NSF/ANSI Standard 42 and 53.

BH²	**4621-12**

Capacity: 3,000 gallons or 6,000 pots of coffee • 0.5 gpm max. flow

OCS²	**9618-07**

Capacity: 1,500 gallons or 3,000 pots of coffee • 0.5 gpm max. flow

OW200L and OW4Plus Cartridge

- Ideal for office or residential water systems
- Unique filter blend uses activated carbon to reduce chlorine taste, odor, and other offensive contaminants
- Reduces lead to below the Federal Action Level of 10 ppb
- Precoat submicron technology reduces dirt and particles as small as 1/2 micron
- Inhibits scale build-up in water-using appliances
- NSF registered under NSF/ANSI Standards 42 and 53

OW200L	**9619-06**

Capacity: 480 gallons

OW4PLUS	**9635-06**

Capacity: 2,000 gallons

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4CB5, 7CB5, 4CB5-S, and nu-7CB5-S Cartridge

Carbon Block filter finely polishes water for high quality beverages and food applications. NSF registered under NSF Standard 42.

- Problem-solving cartridge for high particulate or low flow water pressure areas
- Taste and odor, chlorine reduction
- Particulate reduction to 5 micron
- 4CB5-S, and nu-7CB5-S cartridges control scale

4CB5	4621-32	NSF
Capacity: 6,000 gallons		
7CB5	9618-16	NSF
Capacity: 10,000 gallons		
4CB5-S	4621-31	NSF
Capacity: 6,000 gallons		
nu-7CB5-S	4621-30	NSF
Capacity: 10,000 gallons		

4FC5, 7FC5, 4FC5-S, and 7FC5-S Cartridge

New Fiberdyne™ II media with Agion® antimicrobial protection to inhibit potential bacterial growth. Balanced for optimum performance in varying water qualities. Helps retain the drink's carbonation.

- Increased capacity 25,000 gallons
- Taste & odor reduction
- Particulate Reduction
- NSF Standards 42 and 53
- 2.5 gpm flow rate
- 5 Micron Rating
- Scale Inhibition (4FC5-S and 7FC5-S)

4FC5	9693-21	NSF
Capacity: 15,000 gallons		
7FC5	9693-61	NSF
Capacity: 25,000 gallons		
4FC5-S	9693-31	NSF
Capacity: 15,000 gallons		
7FC5-S	9693-71	NSF
Capacity: 25,000 gallons		

4FC, 7FC, 4FC-S, and 7FC-S Cartridge

New Fiberdyne™ II media with Agion® antimicrobial protection to inhibit potential bacterial growth. Balanced for optimum performance in varying water qualities. Improves the taste of fountain drinks and helps retain the drink's carbonation.

- Taste & odor reduction
- Particulate reduction
- 2.5 gpm flow rate
- 0.5 Micron Rating
- NSF Standards 42 and 53
- Scale Inhibition (4FC-S, and 7FC-S only)

4FC	9692-21	NSF
Capacity: 15,000 gallons		
7FC	9692-61	NSF
Capacity: 25,000 gallons		
4FC-S	9692-31	NSF
Capacity: 15,000 gallons		
7FC-S	9692-71	NSF
Capacity: 25,000 gallons		

Cartridges

4SI and 7SI Cartridge

Specially designed for ice machines. This cartridge does not include carbon. The cartridge reduces sediment and particulate down to 1/2 micron and reduces cyst and Giardia. The filter allows chlorine to pass through which helps reduce slime and bacteria growth inside the ice machine and ice bin. Ideal for food service operations where baking of bread and pastries is done on-site.

- Scale inhibition
- Particulate reduction
- Cyst reduction
- 0.5 micron rating
- NSF Std 42 and 53

4SI	9606-51

Capacity: 15,000 gallons • 2.0 gpm flow rate

7SI	9606-01

Capacity: 25,000 gallons • 3.5 gpm flow rate

7CLM Cartridge

Reduces chloramines, chlorine taste and odor and other offensive contaminants that can adversely affect the taste of beverages. The cartridge reduces particles down to 1/2 micron and reduces cysts and Giardia. Improves the taste of fountain beverage and helps retain the drink's carbonation. NSF registered.

- Chloramine reduction
- Chlorine reduction
- Cyst reduction
- Particulate reduction

7CLM	9693-01

Capacity: 3,600 gallons at 1.7 gpm, 5,500 gallons at 1.33 gpm

7SO Softening Cartridge

A softening cartridge that reduces scale-forming minerals like calcium and magnesium in hard water situations. It may be used on water having up to 30 grains hardness per gallon, at flow rates of up to 1/2 gallons per minute. It is a sanitary quick change cartridge that makes replacement easy. It should be used with an Everpure fine filter cartridge installed in a series plumbed twin head.

7SO	9607-04

Capacity: 2,000 grains • 0.5 gpm max. flow

Replacement Cartridges for CUNO®

Nu-Plus® CU and Nu-Plus CU-S

The Nu-Plus E Series CU and CU-S cartridges are replacements that are compatible with the CUNO Series CFS 8000 filter cartridges. Both incorporate a carbon block filter that reduces objectionable tastes and odors as well as chlorine and other contaminates, providing high quality beverage and ice. They also reduce extra fine dirt as small as 5 microns. Additionally, the CU-S provides for the reduction of scale formation.

Nu-Plus CU	4622-20

Capacity: 10,000 gallons (37,850 liters) • 1.5 gpm flow
Replaces CFS-8112, CFS-8720 & CFS-8812

Nu-Plus CU-S	4622-10

Capacity: 10,000 gallons (37,850 liters) • 1.5 gpm flow
Replaces CFS-8112S,CFS-8720S & CFS-8812S

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**CUNO® is a trademark of 3M. This product is not manufactured, sponsored, or affiliated with 3M.*

Nu-Plus® 10″ and 20″ Coarse Prefilters

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

E-10	4621-42
E-20	4621-44

Optional: Wing Bracket for all multiple filter head systems manufactured after 2003: 4621-45

Nu-Plus® 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 in the E-10 and E-20 housings as well as other 10″ and 20″ housings.

EC110 (10″)	4621-41
EC210 (20″)	4621-43

SRX Scale Inhibitor Feeder

A complete system for the control of scale in ice, coffee, steam, and combination applications. It dispenses a controlled amount of HydroBlend™ compound which provides for a more consistent feed and longer life. The system includes a clear housing and one cartridge

1 each	4621-05

Optional: Wing Bracket for all multiple filter head systems manufactured after 2003: 4621-06

Nu-Plus® 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 last longer or treat higher volumes of water.

IMF-7	Replacement for AR-X 7″ Housing	4621-13
IMF-10	Replacement for SS-10 Scale Sticks	4621-14

4JT Flushing/Sanitizing Cartridge

The preferred way to introduce ScaleKleen™ Scale Remover or other sanitizing solutions (IMS-II) into all water-using equipment and vending machines. Fits into existing Everpure heads. Eliminates the need for difficult component disassembly. Easy and convenient to help you clean and maintain equipment. Approved by NAMA.

1 each	4621-00

ScaleKleen™ Scale Remover

Restores equipment to peak operating efficiency by removing scale build-up. Quickly removes limescale from coffee brewers. Ideal for deliming steam and ware washing equipment. Great for office coffee system (OCS) applications. Non-toxic, safe to skin and won't burn clothing. Sewer system disposable; can be poured down the drain. Use with 4JT Flushing/Sanitizing Cartridge.

7 ounce packets (24 per case)	4621-17
2.2 lb. canister (4 per case)	9798-35

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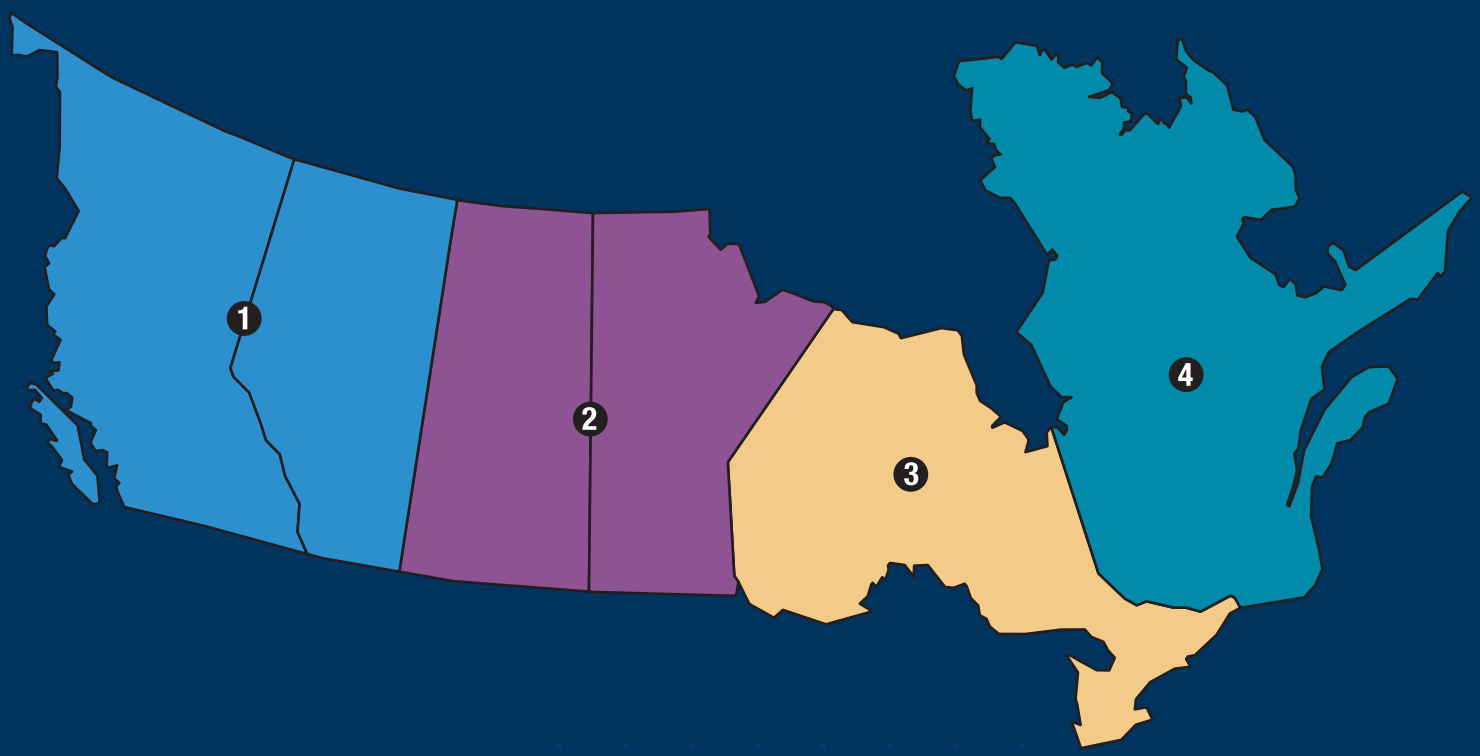

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