



## **Condenser Coil Cleaners**

Brand	Item #	Name	Туре	Features	Size
	4290-75	Nu-Blast	Solvent	No-Rinse No Residue	18 oz.
<b>♦Nu-Calgon</b>	4190-08	Cal-Green	Eco-Friendly	Suited for Microchannel	1 gal.
wiva caigoii	4291-08	Nu-Brite	Alkaline	High Foaming	1 gal.
	4178-08	Foam-Brite	Alkaline	Ultra Foaming	1 gal.
DiversiTech	PRO-BLUE	MasterCare PRO-BLUE	Alkaline	High Foaming	1 gal.
	PRO-KLEEN	MasterCare PRO-KLEEN	Acid	Non- Hydrofluoric	1 gal.
	RT300G	Viper Brite	Alkaline	High Foaming	1 gal.
	RT310V	Venom Pack Brightener & Cleaner	Alkaline	Pure Concentrate	33 oz. Pouch



















## **Evaporator Coil Cleaners**

Brand	ltem#	Name	Туре	Features	Size
∜Nu-Calgon	4171-75	Evap Foam No Rinse	Alkaline	Self-Rinsing NSF Registered	18 oz.
	4168-08	Evap Pow'r-C	Metal-Safe Alkaline	No-Rinse	1 gal.
	4166-75	From Fresh No Binso	Germicidal Disinfectant	No-Rinse Cleaner & Deodorant Kills 99.9% of Germs	18 oz.
	4166-08	Evap Fresh No-Rinse			1 gal.
CIPS .	RT350G	Viper Evap+	Enzyme Cleaner	No-Rinse	1 gal.
	RT320V	Venom Pack Evaporator	Enzyme Cleaner	Pure Concentrate	36 oz. Pouch













**Universal Coil Cleaners** 

Brand	Item #	Name	Туре	Features	Size
	4371-75	Tri-Power HD	Alkaline Detergent-	Suited for	19 oz.
	4371-88	THE OWEL TID	Degreaser- Deodorizer	Microchannel	1 gal.
<b>Nu-Calgon</b>	4186-24	Green Clean	All Purpose	Biodegradable & Environmentally	1 qt.
. 3	4186-08	Green clean	Cleaner	Friendly	1 gal.
	4133-08	Cal-Brite Plus	Glycolic & Fluorosilicic Acid	Safer Alternative to Hydrofluoric Acids	1 gal.
DIVERSITECH	TRIPLE-D	MasterCare Triple-D®	Detergent- Degreaser- Deodorizer	Suited for Microchannel	1 gal.
	RT390G	Viper Heavy Duty	Multipurpose Cleaner & Degreaser	No-Rinse	1 gal.
	RT340V	Venom Pack All Purpose	All Purpose Cleaner	Pure Concentrate	36 oz. Pouch







Cal-Brite Plus





## **Ductless Coil Cleaners**





Brand	Item #	Name	Features	Size
Item # 4151-18		Complete Care Mini Sp	olit Kit Contains B	Below:
	4371-75	(2) Tri-Pow'r® HD Aerosol	Detergent-Degreaser- Deodorizer	19 oz.
<b>Nu-Calgon</b>	4185-95	(1) Gel Tabs Mini™	Slim-Profile Pan Tab for Ductless Units	2 pk.
	4150-01	(1) Clean Guard™ Maintenance Bag	For Ductless Heads up to 12,000 BTU	50" Wide
		(1) Nu-Calgon Service Bucket	For Rinse Collection	5 gal.
Reusable	4150-01	Clean Guard™ Maintenance Bag	For Ductless Heads up to 12,000 BTU	50" Wide
	4150-02	Clean Guard™ XL Maintenance Bag	For Ductless Heads from 12,000 to 18,000 BTU	62" Wide
Bags	4150-03	Clean Guard™ CC Maintenance Bag	For Ductless Cassette Units	Full & Mini

## Coil Protectants & Coatings







Brand	Item #	Name	Туре	Features	Size
&Nu-Calgon	4148-32	Cal-Shield	Molecular Film	Repels Water, Grease,	1 qt.
	4148-08 Coil Protectant	Coating	Oil, Dirt, & Grime	1 gal.	
	4083-91	DuraCoil Aerosol	Gray Heresite Coating	Extends Coil Life in a Corrosive Environment	11 oz.
GulfCoat® contractor series	80401	Modine GulfCoat®	Blue Water- Based Coating	Moisture Resistance, UV Protection, and Corrosion Resistance	12 oz.

**Cal-Shield** is a synergistic liquid specifically designed for application on finned heating and cooling coils, where it forms a micro-thin or molecular film.

Once Cal-Shield is applied to the cleaned coil, it forms a protective shield that helps the coil resist the depositing of dirt and grime so that moisture will "bead up" and run off.

## Indoor Air Sanitizers & Odor Neutralizers





**Bio-Fresh CD** is a ready-to-use bacteriostat, fungistat and deodorizer based upon chlorine dioxide technology. It is recommended for control of bacteria, mold, mildew, fungi and yeast in IAQ applications. Its EPA registration includes application in HVACR ventilating equipment, including coils, condensate pans, filters and duct-work.

Brand	Item#	Name	Туре	Features	Size
«Nu-Calgon □	4126-34	Die Freek CD	Bacteriostat	F F	18 oz.
	4126-38	Bio-Fresh CD	Fungistat Deodorizer	For Fogging or Spraying	1 gal.
	4693-0	Fogger Tool	Heavy-duty fogger w/ 48" flexible hose to apply chen into duct-work. Adjustable from 0 - 18 oz. per minu		





**ClenAir & CherryAir** eliminates odors caused by smoke, mold, mildew, stale air, sewer gas, pets, and more. They are unique odor neutralizers, not a perfumes or cover-ups. Use one to two pounds for every 400 sq. ft.

Brand	ClenAir Original	CherryAir	Size
CI 44	61001	61010	1/2 lb.
Clepair, Nu-Calgon	61004	61013	3 lb.
Nu-Caigon	61005	61015	10 lb.

## Ice Machine Cleaners & Sanitizers

Brand	ltem #	Name	Туре	Features	Size
<b>♦Nu-Calgon</b>	4287-34	Nickel-Safe Ice Machine Cleaner	Citric/Phosphoric Food-Grade	Acceptable for Use in Manitowoc and other	
	4287-08		Cleaner	Nickel Applications	1 gal.
	4211-34	IMS-III Sanitizer	Bacteria & Mold Inhibitor	No-Rinse EPA Registered	16 oz.





Nickel-Safe Cleaner

### Descalers

**Dynamic Descaler®** is a non-toxic, biodegradable chemical that is safer to use than any other descaling products. It can dissolve approximately 1.5kg of calcium carbonate scale per gallon in concentrated form. It does not need to be heated during cleaning. The uniqueness of the Dynamic Descaler® allows you to clean certain equipment while still operational, resulting in less downtime. Use it on:

**Heat Exchangers** Condensers

Boilers

- Cooling Tower Fills Piping
- Vacuum Pumps
- Chillers
- Other Water-Cooled Equipment

Brand	Item #	Name	Features	Size
PRECISION DYNAMICS HOME OF DYNAMIC DESCALER*	PD-DESCALER-5	Dynamic	Biodegradable Superior Corrosion Inhibitors	5 gal.
	PD-DESCALER-55	Descaler®	Powerful Detergents	55 gal.





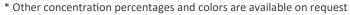


## **Glycols**

Ethylene Glycol is a heat transfer fluid specifically designed to provide freeze protection as low as -100º F. It contains inhibitors providing optimum protection against ferrous metals commonly found in industrial cooling and heating systems. Use de-ionized water to minimize unacceptable hardness of minerals. Available in various percentages; shipped at 95% unless otherwise specified.

**Propylene Glycol** Arctic Protection is specifically designed to provide burst and freeze protection for chilled water, hydronic, and other closed systems at temperatures as low as -100° F. All ingredients are generally recognized as safe (GRAS) in addition to being non-toxic, noncorrosive, and safe for other closed systems where potable water exists. Available in various percentages; ships at 70% unless otherwise specified. Is inhibited unless specified by customer request.

Brand	Item #	Туре	Concentration %	Size
<b>VAPC</b> ®	EG-5	Ethylona Chroal	95% * -	5 gal.
	EG-55	Ethylene Glycol	95%	55 gal.
	AP-5	Dramulana Chuael	70% *	5 gal.
	AP-55	Propylene Glycol	70% *	55 gal.







## **Drain Pan Repair**

Brand	Item#	Name	Туре	Features	Size
DIVERSITECH	641-14	Pan-Kote	Rubberized Coating	Dries in 20 to 30 minutes	14 oz.
	PANPATCH	Pan-Patch™ Two-Part Epoxy	Self-Leveling Epoxy	Pours Through Standing Water	1 gal.
FEROCIOUSLY STRONG TAPE	285987	T-REX® Waterproof Flexible Repair Tape	Butyl –Based Adhesive	Can Be Used Underwater	4" x 5'







Pan-Patch™ is a unique two-part epoxy that adheres to almost any surface, including metal, wood and concrete. It pours through standing water to create a permanent bond to stop leaks or holes in drain pans with long lasting results. . And it also includes an anti-microbial additive to eliminate future mold growth. Pan-Patch has a self-leveling formula that will provide a smooth, even coat.

## **Condensate Management**





Brand	Item #	Name	Туре	Features	Size
&Nu-Calgon	4165-24	Drain Solve	Alkaline-Based	Removes grease, hair and other	1 qt.
	4165-08	Drain Opener	Pours Through Standing Water	organic matter	1 gal.
RECTORSEAL	97685	Nu Line AC Drain Line	Enzyme-Based	Removes slime	8 oz.
	97690	Maintenance Liquid	Alternative to Tabs	buildup & keeps drain lines open	32 oz.

Drain Solve

Nu Line

Gel Tabs are formulated with a gel locking technology. Condensation turns the tablet into gel and locks it into place. This ensures that the tab will not move and potentially block the drain. Gel Tabs are designed to completely dissolve at an even rate over a 3 month period.

Multiple Gel Tabs can be combined to achieve the proper treatment for larger systems.













Brand	Item #	Name	Treats	Size
Av. C.L.	4296-60	Pan-Treat® Condensate Tablets	2 Tablets per Ton	200 pk.
	4185-95	Gel Tabs Mini™	1.5 Tons	2 pk.
	4185-03	Col Toloom Dod	3 Tons per Tab	12 pk.
Nu-Calgon	4185-04	Gel Tabs™ - Red		200 pk.
	4185-05	Gel Tabs™ - Blue	E Tons por Tab	6 pk.
	4185-06	Gel Tabs™ - Blue 5 Tons per Tab		100 pk.
	4185-15	Gel Tabs™ - Green	15 Tons per Tab	1 pk.
	4185-20	Gel Tabs™ - Yellow	20 Tons per Tab	1 pk.

## System Flushing





4300-10

#### **Rx11 Pressurized Starter Kits**

Brand	Item #	Description	Contents
&Nu-Calgon	4300-08	Rx11 Flush Starter Kit	Includes 1 lb. Can, Hose, Gun, & Valve 4300-09, 4300-52, 4300-51, 4300-89
₩IVU-CalgoII	4300-10	Rx11 2+1 Kit	Includes (2) 2 lb. Cans & Valve (2) 4300-11 & (1) 4300-89





Rx11 Replacement Cannisters						
Brand	Item #	Size				
<b>⊗</b> Nu-Calgon	4300-09	1 lb. Cannister				
	4300-11	2 lb. Cannister				
	4300-15	13 lb. Cannister				
	4300-26	26 lb. Cannister				

#### **Rx11 Injection Tools**

	<i>y</i> -	
Item #	Description	Image
4300-51	Gun Nozzle	
4300-52	Flush Hose	
4300-50	Line Set Cone Flush Tool	
4300-89	Injection Valve	(1-4m) <sup>2</sup>





Pro-Flush uses industry-standard nitrogen to deliver dualpurpose blended solvent. The Pro-Flush® Kit consists of a reusable injection tank (with built-in 200psi pressure relief valve), nitrogen charging hose, injection tool assembly and one 8 oz can of Pro-Flush® Solvent. The trigger injector on the tool assembly assures more efficient use of the solvent by allowing infinite control of the flushes rather than the less efficient method of flushing in one long burst.

#### **Non-Pressurized Kits & Refills**

Brand	Item#	Contents
DiversiTech	PF-KIT	Includes Reusable Tank, Hose, Nozzle, and 8oz. Solvent
DIVERSITE OF	PF-16	16oz. Solvent Refills

## Refrigerants

#### **Legacy Refrigerants**

0 1					
Refrigerant	Туре	Application	Lubricant	Item #	Size
R-11	CFC	Low Pressure Centrifugal Chillers	Mineral Oil or Alkylbenzene	R11-100#	100 lbs.
R-22	HCFC	Refrigeration, Air Conditioning, Chillers	Mineral Oil or Alkylbenzene	R22-30#	30 lbs.
R-123	HCFC	Low Pressure Centrifugal Chillers	Mineral Oil or Alkylbenzene	R123-100#	100 lbs.
R-134A	HFC	Medium Temp Refrigeration, Chillers, Auto A/C	Polyolester	R134A-30#	30 lbs.
R-404A	HFC Blend	Low/Medium Temp Refrigeration	Polyolester	R404A-24#	24 lbs.
R-410A	HCFC Blend	Newer DX A/C systems	Polyolester	R410A-25#	25lbs.
	Biena		· ·		



#### **R-22 Retrofit Alternatives**

Refrigerant	Туре	Features	Lubricant	Item #	Size
R407C	HFC Blend	Similar Capacity & Efficiency in AC Applications	Replace Mineral Oil with POE following manufacturer's guidelines	R407C-25#	25 lbs.
MO99 (R438A)	HFC Blend	Similar Capacity & Efficiency, no Oil Change	Mineral Oil, Alkylbenzene, and POE lubricants	MO99	25 lbs.
TdX-20 (R-458A)	HFC Blend	No Capacity Loss, No Oil Change, 1-Year Warranty	Mineral Oil or POE	TDX-20	30 lbs.







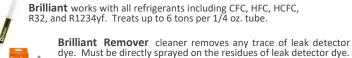
#### R-410a Replacements (No Retrofit)

	•	•			
Refrigerant	Туре	Features	Lubricant	ltem #	Size
R32	HFC (A2L Mildly Flammable)	Similar Capacity & Slightly Better Efficiency than R410A	POE	R32-20#	20 lbs.
R454B	HFC Blend (A2L Mildly Flammable)	Similar Performance to R410A, Lower GWP than R32	POE	R454B-20#	20 lbs.



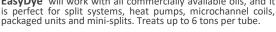
## **UV Dyes & Dye Removers**

	Brand	Item #	Description	Size
COOLAIR		TR1058.01.P1	Brilliant Fluorescent UV Dye	1/4 oz.
00	PRODUCTS	TR1108.K.01	Brilliant UV Dye Remover	34 oz.
&Nu-Calgon	4050-51	EasyDye Connect Inject	.1 oz.	
®Nu-Caigoi		4155-01	Connect Inject Tool	-





**EasyDye** will work with all commercially available oils, and it is perfect for split systems, heat pumps, microchannel coils, packaged units and mini-splits. Treats up to 6 tons per tube.



## Refrigerant Leak Detection

Brand	Item#	Description	Size
	4184-53	Fluorescent Gas	8 oz. w/ Dauber
Nu-Calgon	4184-24	Leak Detector	1 Quart
	4050-15	UV LED Flashlight & Glasses (100,000 hours / 390-395nM)	
	RT175B		8 oz. w/ Dauber
	RT100S	Big Blue Micro Leak Detector	32 oz.
	RT100G		1 Gallon
Swagelok	SNOOP	Leak Detector:	8 oz.
	SNOOP-1	27° to 200°F Range	1 gal.

**Fluorescent Gas Leak Detector** has a high viscosity formula, that remains in contact with the applied surface for an extended period of time, thereby allowing the smallest of leaks to be detected.





Find leaks with Nu-Calgon's UV flashlight and fluorescence enhancing glasses. For use with UV dyes and fluorescent gas leak detectors.

**Big Blue** — The Original Big Blu leak detector is the only bubble solution capable of detecting gas leakage down to 0.65 ounces per year. Use on any gas, including Oxygen.





Snoop® Liquid Leak Detector - Find small, hard-to-reach leaks with Snoop®, featuring a flexible snooper tube and sustained bubbling action.

## Refrigerant Leak Sealant

#### **External Sealants**

**Internal Sealants** 





			External ocalaries
Brand	Item#	Description	Features
HIGHSIDE CHEMICALS INC.	HS32050	PatchRite Instant HVAC/R Patch 2-Part Bonding Fluid & Micro Cells	Permanently seals holes in all metals and rigid plastics Full cure in 20 minutes - Rated at 1800psi Handles 200°F (93.3°C) continuous temperature
COOLAIR	210	AC SmartSeal External	Effectively seals leaks up to 5mm and 825 psi. It is suitable to apply to any material; Inert to all Jubricants

AC SmartSeal™ 3-in-1 product includes Sealant, Cool Enhancer and UV Dye.

• No need to pump down R-410A units • Re-usable tool









A/C EasySeal is easily injected, travels with the refrigerant, searching for leaks. Proven not to plug TXVs, cap tubes or pistons.

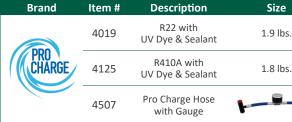
No injection hose or caulk gun needed • No need to pump down the system

• One-time use - quick and easy injection

Brand	ltem#	Description	Treats
	322BP	Kit with Cartridge and Hose	Up to 6
COOLAIR	322WO	Quickshot Refill Cartridge	Tons
PRODUCTS	333	Smart Adapter Hose Allows for injection without t of manifold gauges	
<b> Nu-Calgon</b>	4050-08	EasySeal Ultimate Direct Inject	2 - 10 Tons
%IVU-Caigon	4050-11	UV EasySeal Ultimate	2 - 7.5 Tons



and refrigerant gases.





Pro Charge cans contain roughly 2 pounds of refrigerant pre-blended with UV dye & sealant, designed to service systems up to 6 tons. The refrigerant in each can is the perfect amount to top off equipment with seasonal leaks. The UV dye & sealant is an oil based non-polymer blend that does not chemically react with air or moisture, so it only activates at the source of the leak and no where else!

## Refrigeration Oils





Туре	Wholesale Equivalent	OEM Trane Item #	Size	Features / Formulation	Viscosity	Systems Where Used
	4303-07 3-CS	OIL00042	1 gal.	Anti-Wear Additive	150 SUS / ISO 32	R-22
	4304-07 4-CS	OIL00045	1 gal.	Anti-Wear Additive	300 SUS / ISO 68	R-22
Mineral		OIL00015	1 gal.		300 SUS / ISO 68	R-12 & R-22
		OIL00022	2.5 gal.		300 SUS / ISO 68	R-11, R-12, R-123
		OIL00031	1 gal.		300 SUS / ISO 68	R-22





Max-Flow™ Oil Pump Remove oil for recovery and conversion - Add oil to existing systems - Pumps against 200 psi pressure - Universal stopper automatically adjusts to all standard openings in 1, 2-1/2 and 5 gallon oil containers

Polyolester	4316-86 RL32HB	OIL00078	1 qt.	Anti-Wear Additive	150 SUS / ISO 32	R-134a, R-404A, & R-407C
	4314-46 RL32H	OIL00080	1 gal.		150 SUS / ISO 32	R-410a
		OIL00037	1 gal.		300 SUS / ISO 68	R-134a & R-407c
	4316-46 RL68H	OIL00049	5 gal.		300 303 / 130 08	N-1348 & N-4070
		OIL00048	1 gal.		300 SUS / ISO 68	R-134a
	N/A	OIL00379	- 1 gal.	Icematic	500 SUS / ISO 100	R514a
		OIL00380		icematic		
		OIL00315	- 1 mal	Solest	600 SUS / ISO 120	R134a & R513a
		OIL00317	1 gal.	Solest		

## System Rejuvenation

Brand	Item #	Description	Installs with	
ANTE Colore	4057-55	4 oz.	YJ-69562	THE R
<b>Nu-Calgon</b>	4037-33	Liquid Bottle	Oil/Dye Injector	9
A/C Re~New	4057-56	4 oz.	4155-01	0
ry che nen	4057-50	Connect Inject	Connect Inject Tool	

**A/C Re-New** provides energy savings by reducing compressor friction (lowers amp draw), quiets noisy systems, extends system life, and resolves sticking valves. It is a lubricant that blends with the system's oil, and has been successfully used to aid oil return when retrofitting R-22 systems with a new refrigerants.



4057-55 4057-56

## **Acid Testing & Burnout Cleanup**

#### **Acid Tests**

Brand	ltem#	Description
QwikProducts* by Mainstream Engineering	QT2000	QwikCheck® 2 Second Acid Test
Nu-Calgon	4320-W8	Phase III Refrigeration Oil Acid Test Kit

 $\label{eq:QwikCheck} \textbf{QwikCheck}^{\circledcirc} \ \ \text{Detects inorganic acid in 2-seconds, down to 1 part per million.}$  The yellow to red color change allows you to easily show the need for action to the equipment owner. Works with all refrigerants & oils.



Case of Section 1

**Phase III** works with mineral oil, alkylbenzene, POE, and PVE oils. Precise - POE's with acidity less than 0.16 mg are acceptable and & cause no change in color. Unlike many tests, Phase III works in the presence of fluorescent dyes.

#### Acid Remediation Chemicals

Brand	Item#	Description	Installs with
&Nu-Calgon	4301-02	2 oz. Liquid Bottle	YJ-69652 Oil/Dye Injector
Rx-Acid	4301-05	3.8 oz. Pressurized Cannister	4300-89 Injection Valve
Scavenger	4301-06	Connect Inject Rx Acid Scavenger	4155-01 Connect Inject Tool

Brand	Item#	Description	Installs with
RECTORSEAL	45004	2 oz. Liquid Bottle - Mineral Oil Systems	YJ-69562 - Oil/Dye Injector
Acid Away®	45009	2 oz. Liquid Bottle -	- Oily Dye Injector

**Rx-Acid Scavenger** neutralizes acid in air conditioning systems after burnouts, or during normal system maintenance. Addresses up to one gallon of system oil per dose. For use with all lubricants - mineral, alkylbenzene, POE, and PVE.



**Acid-Away®** is approved & recommended by OEMs, and is compatible with all common compressors. Suited for preventative maintenance to avoid burnouts from acid buildup. Eliminates the need for flushing systems with solvents.

## Thread, Gasket, & O-Ring Sealants

Brand	Item #	Description	Size
	88551	LOCTITE® 565™ White Threadlocker	50ml
I ACTITE	135354	LOCTITE® 242™ Blue Liquid Threadlocker	10ml
LOCTITE	135479 LOCTITE® 515™		50ml
	88541	Flange Sealant	300ml
DOW CORNING	13228	Dow Corning® High Vacuum Grease	5.3 oz.
HIGHSIDE	HS10001	Leak Lock® Joint	1.5 oz.
CHEMICALS INC.	HS10004	Sealing Compound	4 oz.
(r	RT200RP	Nylog RED Sealant for CFC/HCFC Systems	30 ml. 2 pk.
	RT201BP	Nylog BLUE Sealant for all Systems	30 ml. 2 pk.

LOCTITE® 565™ is a low strength, high viscosity thread sealant designed for the locking and sealing of metal pipes and fittings







**LOCTITE® 515™ Flange Sealant** is an industrial gasketing product for machined, rigid metal flanges. Provides a perfect seal with gaps up to 0.25 mm.

**Dow Corning® High Vacuum Grease** is a silicone-based, translucent white-grey grease for use in sealing and lubricating. A stiff, non-melting silicone material, it seals and lubricates valves, bearings, gaskets, O-rings, and vacuum and pressure systems.





**Leak Lock**® is a resin-based, brushable paste which remains permanently flexible, adheres to surfaces, and fills voids. It should be applied to threaded joints, flanged joints, gasket surfaces and all mating surfaces where a fluid-tight or gas-tight seal is required.

Gaskets coated with **Nylog** will never dry or become heat fixed to a surface. Coating threaded connections with Nylog will prevent high pressure leaks by forming a hydraulic seal. It also can be used as a high tack assembly lube when installing shaft seals, o-rings, schraeder valves, ball valves, unloaders or other components.



## Lubricants, Cleaners & Degreasers









Brand	ltem #	Description	Size
		Degreasers & Cle	aners
CRC	03120	CRC Heavy-Duty Degreaser ii	15 oz.
	03130	CRC QD® Electrical Contact Cleaner	11 oz.
LOCTITE	135544	LOCTITE® Gasket Remover	18 oz.
Klean	GSL26	Klean-Strip™ Denatured Alcohol Solvent Cleaner	1 gal.





		Penet	rants
CRC	03020	CRC Knock'er Loose® Penetrating Solvent	13 oz.
WD-40	WD-40	49004 WD-40 General Purpose Lubricant / Penetrant	11 oz.



















		EUDI	icalits
DiversiTech	CO-1	Pull-A-Spout Oiler	4 oz.
	CR-1	Rust Breaker Lubricant	4 oz.
	03160	Ultra Lite 3-36® Ultra Thin Non Staining Lubricant	11 oz.
CDC	03005	3-36® Multi-Purpose Lubricant & Corrosion Inhibitor	11 oz.
CRE	03282	SP-400 Long-Term Corrosion Inhibitor	10 oz.
	SL3190	Sta-Plex™ Extreme Pressure Premium Red Grease	14 oz. Tube
LOCTITE	199012	LOCTITE® LB 8150 Silver Grade Anti-Seize w/ Brush Top	8 oz.
Mobil	POLYREX EM	Mobil Polyrex™ EM Blue Grease	13.7 oz.
LINCOLN	1134	Lincoln Heavy-Duty Pistol Grip Grease Gun	

## Miscellaneous Chemicals



Pipe-Dri is an 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 water proof coating.

Enforcer Wasp & Hornet Killer shoots a 20-foot jet blast

for instant knockdown of wasps, hornets, and yellow jackets.

Item# Description Size Pipe-Dri **Nu-Calgon** 4297-76 14 07. Piping Insulation Spray

Enforcer.

Wasp & Hornet Spray **Enforcer Wasp** EWHIK16

& Hornet Killer

Pipe Insulation Spray

**Smoke Products** 

16.07.



CRC Zinc-It® is a >93% pure zinc, sacrificial coating that protects ferrous metals from oxidizing. The high purity, zinc-rich formula creates a galvanic barrier between the environment and the base metal to prevent the formation or spread of rust and corrosion.

#### **General Purpose & Insulating Paints**



**Smoke Candles** quickly and efficiently produce a dense white smoke ideal for testing smoke exhaust fans, checking for leaks in ductwork, chimneys and sewer pipes and determining air flow patterns.



#1A Smoke Candle -ZS301A 4,000 Cubic Feet of Smoke 1.5" x 1.5" in 30 Seconds



QwikSmoke™ QT2330 Universal Smoke Alarm Test 2.9 oz.

**QwikSmoke®** Universal Smoke Alarm Test Gas is a universal smoke alarm test gas. Designed for use with all smoke detectors; with and without functional test mode capability; battery operated or hard wired. Fast, reliable and easy to use - takes less than 30 seconds for most detectors.

## Vacuum Pump Oil

Brand	ltem #	Туре	Size
	VO1Q	Premium Mineral	1 qt.
7072072	VO1G	Vacuum Pump Oil	1 gal.
APPION	TEZOM	Premium Synthetic	8 oz.
Star Performance	TZMGLN	Vacuum Pump Oil	1 gal.
Fieldpiece	OIL8X3	Fieldpiece Vacuum Pump Oil 3pk Fits VPX7, VP87 and VP67	(3) 8 oz.



**Appion** Premium Synthetic Blend improves vacuum pump performance and provides greater protection to internal pump components. It also lasts up to 8 times longer than mineral oil.





## **Cleaning Products**

Item#	Name	Size
RAGS-5#	White T-Shirt Rags - Punchout Box	5 lbs.
GS-SURG-5#	Blue Lint Free Surgical Rags - Punchout Box	5 lbs.
34790	WypAll® General Clean X60 Multi-Task Cleaning Cloths	126 pk.
4162-01	Dragon Towels: Lint-Free, Heavy-Duty Towels	100 pk.
4185-75	Great Wipes Hand Towels - Pumice & Premoistened	75 ct.
25122	Fast Orange® – Pumice Squeeze Bottle Hand Cleaner	15 oz.
DC-4128	Canvas Drop Cloth -	4' x 12'
DC-9128	Washable & Reusable	9 ' x 12'
SC-1WP	Waterproof Shoe Covers	50 pair
	GS-SURG-5#  34790  4162-01  4185-75  25122  DC-4128  DC-9128	RAGS-5# Punchout Box  GS-SURG-5# Blue Lint Free Surgical Rags - Punchout Box  34790 WypAll® General Clean X60 Multi-Task Cleaning Cloths  4162-01 Dragon Towels: Lint-Free, Heavy-Duty Towels  4185-75 Great Wipes Hand Towels - Pumice & Premoistened  25122 Fast Orange® – Pumice Squeeze Bottle Hand Cleaner  DC-4128 Canvas Drop Cloth - Washable & Reusable





155 M-274 160 157 177 AL 11 180 157 180 157





25122





## **Safety Supplies**

#### **Gloves**

Brand	Item#	Туре	Size
	2337L	Black Nitrile Powder-	L
	2337XL	Free Gloves - 100pk.	XL
	2009	Brown Jersey Gloves w/ PVC Gripper Dots	Univ.
CC	2038M	Touch Screen Gripper -	М
WORK GEAR	2038L	Nylon/Spandex with	L
	2038XL	Nitrile Palm Coating	XL
	125M	Flex Grip® Handyman ™	М
	125L	Padded Palms & Touch	L
	125XL	Screen Fingertips	XL



#### Eye, Ear, & Respiratory Protection

Image	Item #	Туре
SG-NV30CB		Smoke Colored Anti-Fog Lens with Camo Frame
X	SG-NV30CC	Clear Anti-Fog Lens with Camo Frame
	APL00378	Clear Frameless Safety Glasses
10	APL00346	MAX-30 Polyurethane Foam Earplugs w/ Cord
Ta	APL00492	3M Cool Flow Universal N100 Particulate Respirator

#### **Knee & Back Protection**

Brand	ltem#	Туре	Size	
	V231	Deluxe Foam Kneepads	Univ.	
QC.	V237	Swivel Cap Kneepads	Univ.	
WORK GEAR	302	Industrial Kneeling Mat	8" x 18"	
	5000M	Elastic Back	М	
	5000L	Support Belt	L	



## MasterLock® Portable Lockout / Tagout Kit



ILEIII # 1437 L410KA - COIIIaiiis.			
Qty.	Description		
1	Durable Lockout Toolbox		
3	Zenex™ padlocks		
1	Circuit Breaker Padlock		
1	Lockout Hasp		
1	Red Labeled Snap-On Lockout Hasp		
3	Standard Circuit Breaker Lockouts		
2	Tall / Wide Circuit Breaker Lockouts		
1	Wall Switch Cover		
12	"Do Not Operate" Safety Tags		

## **Chemical Tools**

Sprayers, Pumps, & Foggers

**Condensate Cleanout Tools** 







**LineShot™** clears drain lines with a burst of  $CO_2$  from a 16g cartridge. It includes an fitting compatible with Schrader valves, and a tapered fitting for 3/8" – 3/4" drain openings.

Sludge Blaster® attaches to a standard 1/4" service hose. Pressure expands it inside the drain pipe, and blasts the sludge free. Pipe capacity: 3/4" to 1" I.D.



A/C Drain Sucker Kit clears clogs from inside using pressure, or at the end of drain line using suction. No need for CO₂ or nitrogen.

Brand	Item#	Size	
RECTORSEAL	81980	LineShot™ CO₂ Drain Clearing Tool (3/8″ to 3/4″ Lines)	
12010,001	81981	LineShot™ 16g CO₂ Refill Cartridges - 12pack	
UNIWELD 40061		Sludge Blaster® (3/4" to 1" Pipes) Standard 1/4" Service Hose Connection	
<b>♦Nu-Calgon</b>	61308	A/C Drain Sucker Kit -	



Goodway Technologies offers the largest selection of complete maintenance and cleaning solutions

Tube Cleaning • Coil Cleaning • Cooling Tower Cleaning Descaling Systems • Duct Cleaning • Pressure Washing

#### Nylon (for Soft Deposits) & Spin-Grit (for Light Scale) Brushes

Blue Nylon Brushes (Threaded)				
Size	Model	Part #		
1/4"	GTC-211-1/4	BRU00202		
3/8"	GTC-211-3/8	BRU00186		
7/16"	GTC-211-7/16	BRU00205		
1/2"	GTC-211-1/2	BRU00188		
5/8"	GTC-211-5/8	BRU00169		
9/16"	GTC-211-9/16	BRU00168		
3/4"	GTC-211-3/4	BRU00171		
7/8"	GTC-211-7/8	BRU00206		
1"	GTC-211-1	BRU00189		

(Threaded)				
ize	Model	Part #		9
./4"	GTC-211-1/4	BRU00202		7
8/8"	GTC-211-3/8	BRU00186		:
/16"	GTC-211-7/16	BRU00205		į
./2"	GTC-211-1/2	BRU00188		9
/8"	GTC-211-5/8	BRU00169		3
/16"	GTC-211-9/16	BRU00168		7
3/4"	GTC-211-3/4	BRU00171		
'/8"	GTC-211-7/8	BRU00206		

Dual Diameter Spin Grit Brushes (Threaded)			
Size	Model	Part #	
1/2"	ESGB-050	BRU00193	
5/8"	ESGB-062	BRU00184	
3/4"	ESGB-075	BRU00194	
1"	ESGB-100	BRU00190	

Blue Nylon Brushes				
Size	(Quick Connection Model	Part #		
7/16"	GTC-211Q-7/16	BRU00263		
1/2"	GTC-211Q-1/2	BRU00260		
5/8"	GTC-211Q-5/8	BRU00177		
9/16"	GTC-211Q-9/16	BRU00176		
3/4"	GTC-211Q-3/4	BRU00179		
7/8"	GTC-211Q-7/8	BRU00264		
1"	GTC-211Q-1	BRU00187		



Dual Diameter Spin Grit Brushes (Quick Connect)				
Size Model Part#				
1/2"	ESGB-Q-050	BRU00214		
5/8"	ESGB-Q-062	BRU00215		
3/4"	ESGB-Q-075	BRU00216		
1"	ESGB-Q-100	BRU00217		

## GOODWAY Tube Cleaning



RAM-4 - The Original Rotary Tube Cleaner

The fourth generation RAM-4 includes an array of interchangeable cleaning tools designed for a variety of situations. The cleaning tool safely and effectively scours debris away without damaging tube walls. A casing around the shaft feeds water to the rotating tool, flushing out deposits as they are loosened. Features:

- Stainless steel construction
- Quick connect threadless shaft manifold
- Integrated dolly
- Simultaneous water flush
- Foot switch activation
- Reversible shaft rotation

Item # TOL01746 (RAM-4-60-R)

#### RAM4 Replacement **Shafts**



#### **Shafts for Threaded Brushes** (7/16" to 1/2" Tubes)

Size	Model	Part #
25'	GTC-702-25	SHF02760
35'	GTC-702-35	SHF02761
45'	GTC-702-45	SHF02767

(9/16" to 1" Tubes)				
Size	Model	Part #		
25'	GTC-703-25	SHF02734		
35'	GTC-703-35	SHF02735		
45'	GTC-703-45	SHF02737		

**Shafts for Threaded Brushes** 

#### **Shafts for Quick Connect Brushes**

#### (7/16" to 1/2" Tubes)

Size	Model	Part #
25'	GTC-702Q-25	SHF02770
35'	GTC-702Q-35	SHF02771
45'	GTC-702Q-45	SHF02772

#### **Shafts for Quick Connect Brushes**

#### (9/16" to 1" Tubes)

Size	Model	Part #
25'	GTC-703Q-25	SHF02745
35'	GTC-703Q-35	SHF02746
45'	GTC-703Q-45	SHF02779

# Index

Acid Cleanup	8	Ice Machine Cleaners
Acid Tests	8	Injection Tools
Air Sanitizers	3	Knee Protection
Alcohol (Denatured)	9	Leak Detection
All-Purpose Cleaners	2	Leak Sealant
Back Braces	10	Lockout/Tagout Kits
Brushes (Tube)	11	Lubricants
Cleaning Products	10	Odor Neutralizers
Coatings	3	Oil Injectors
Coil Cleaners	2	Oil Pumps
Coil Coatings	3	Oilers
Coil Protectants	3	Oils
Condensate Cleanout Tools	11	Paint
Condensate Tabs	5	Pan Repair
Contact Cleaner	9	Penetrants
Corrosion Inhibitors	9	Pipe Insulation Spray
Degreasers	9	Rags
Descalers	4	Refrigerant Leak Detection
Drain Line Chemicals	5	Refrigerant Leak Sealant
Drain Pan Repair	4	Refrigerants
Drop Cloths	10	Refrigeration Oil
<b>Ductless Coil Cleaners</b>	3	Respirators
Ductless Condensate Tabs	5	Safety Glasses
Ear Protection	10	Safety Supplies
Electrical Contact Cleaner	9	Sealants
Flushes	5	Shoe Covers
Foggers	11	Smoke Test Products
Fogging Chemicals	3	Sprayers
Galvanizing Paint	9	System Flush
Gasket Material	8	System Rejuvenation
Gasket Remover	9	Tagout/Lockout Kits
Glasses	10	Thread Sealant
Gloves	10	Towels
Glycols	4	Tube Brushes
Grease	9	Tube Cleaning
Grease Gun	9	UV Dyes & Removers
Hand Cleaner	10	Vacuum Grease
Hand Wipes	10	Vacuum Pump Oil
Hoses	5,7,11	Wasp Spray
Hose Nozzles	11	Water Hoses



## 3 LOCATIONS FOR ALL YOUR HVAC NEEDS

5,7,8

7,10