# 2012 PRODUCT CATALOG







ATLANTIC CHEMICAL AND EQUIPMENT COMPANY PRODUCTS FOR THE HVAC/R INDUSTRY

# **NEW PRODUCTS**

# ACE POWER FLUSH DISPLAY BOX



COST SAVINGS & CONVENIENCE WITH POWER FLUSH & POWER FLUSH II

- Clean and Save LineSets for 410A Conversions
- System Flush After Compressor Burn-Outs
  - Made with Dupont<sup>™</sup> Vertrel<sup>®</sup> XF Specialty Fluid Cleaner\*
  - Fast Dry Leaves No Residue
  - Low Boiling Point 106° F
  - SNAP Approved Solvent

\* Vertrel® is a registered trademark of Dupont™

#### PART# PFCD

**Contains:** 

APFK — 3 ea APFA1K — 3 ea APF16 — 4 ea

APFA1 – 4 ea

## **COIL CLEANERS**

#### **Alkaline (Non-Acid) Foaming**

#### ACE FOAM N' CLEAN (FNC)

Super high foaming, deodorized, biodegradable, alkaline coil cleaner recommended for cleaning and brightening aluminum finned cooling and heating coils. The strong foaming action penetrates beneath contamination and pushes dirt and grease from the coil to the outer surface. USDA authorized for use in federally inspected plants. Dilution rate of 1 part product to 3 or 4 parts water.

FNC1 — 1 gallon - 4/cs FNC2.5 — 2.5 gallon - 2/cs FNC5 — 5 gallon FNC55 — 55 gallon



#### ACE MASTERCLEAN COIL CLEANER (MCC)

A high performance, controlled foaming cleaner formulated with additional surfactants/penetrants to ensure maximum cleaning/brightening of heavily soiled aluminum finned cooling/heating coils, condensers and evaporators. Contains a deodorant for enhanced use on residential evaporators. USDA authorized for use in federally inspected plants. Dilution rate of 1 part product to 3 parts water.

MCC1 - 1 gallon - 4/cs MCC5 - 5 gallon MCC55 - 55 gallon



#### ACE ALKALINE COIL CLEANER (ACC)

Economy grade foaming non-acid product recommended for cleaning aluminum finned cooling and heating coils. Strong foaming action penetrates contamination and pushes dirt and grease from the coil to the outer surface. Dilution rate 1 part product to 3 parts water.

ACC1 - 1 gallon - 4/cs ACC5 - 5 gallon ACC55 - 55 gallon



#### ACE SUPER D (ASD)

High performance triple action cleaner for both evaporator and condenser coils. Cleans, degreases and deodorizes. Contains inhibitor to prevent attack on aluminum. Low foam action. "No-Rinse" at 1 part product to 10 parts water ratio. Use at a 1 to 6 dilution rate for condensers and other applications.

ASD1 - 1 gallon - 4/cs ASD5 - 5 gallon ASD55 - 55 gallon



#### **ACEBRITE (ABP)**

A premium, ultra high foaming, biodegradable, alkaline coil cleaner recommended for cleaning and brightening exterior condenser coils. Newly developed surfactant package creates superior foam designed to push grease, grime and dirt to coil surfaces. Dilution rate of 1 part product to 3 or 4 parts water.

ABP1 - 1 gallon - 4/cs ABP5 - 5 gallon ABP55 - 55 gallon



## **Detergent Based**

## ACE EVAP-KLEAN NON-RINSE EVAPORATOR COIL CLEANER (CCL)

Our original non-acid formulation for cleaning of multi-row evaporator coils in heating and air conditioning units. Also suitable for cleaning electronic air filters and permanent air filters. USDA authorized for use in federally inspected plants. Dilution rate 1 part product to 3 parts water or 1:7 ratio when allowing condensate to rinse off.

CCL1 - 1 gallon - 4/cs CCL5 - 5 gallon CCL55 - 55 gallon



#### ACE KLEAN HD (HDC)

Formulated especially for cleaning heavy concentrations of grease and dirt from fans, evaporators, condensers, permanent-type air filters and electronic air filters. Dilution rate of 1 part product to 3 parts water.

HDC1 - 1 gallon - 4/cs HDC5 - 5 gallon HDC55 - 55 gallon



## Acid (Foaming)

#### ACE SUPREME COIL CLEANER (CSF)

Heavy-duty, high foaming hydrofluoric acid-based cleaner and brightener formulated for use with aluminum finned and other air cooled condensers. Strong foaming action that penetrates beneath contamination and pushes dirt and grease from the coil to the outer surface. Dilution rate of 1 part product to 3 parts water.

CSF1 - 1 gallon - 4/cs CSF5 - 5 gallon CSF55 - 55 gallon



## **Eco-friendly (Green) Coil Cleaners**

#### ACE ECO-POWER (EKP)

Newly developed, concentrated, non-foaming, heavyduty condenser coil cleaner and degreaser recognized for "SAFER CHEMISTRY" under the EPA's Design for the Environment program. Manufactured from all-natural resources and formulated to clean remove dirt, grime and grease from aluminum coils. Can also be safely used on evaporator coils.

EKP1 — 1 gallon - 4/cs EKP5 — 5 gallon EKP55 — 55 gallon





#### ACE ECO-KLEEN (EKC)

The HVAC/R's Industry's first coil cleaner recognized under the EPA'S Design for the Environment Program. A non-foaming, neutral pH coil cleaner designed for use where high foaming cleaners and brighteners are not recommended or required. ACE ECO-KLEEN is ideal for use on evaporator or condenser coils that have been cleaned regularly as part of an annual HVAC maintenance program.

EKC1 - 1 gallon - 4/cs EKC5 - 5 gallon EKC55 - 55 gallon

U.S. EPA Recognized for Safer Chemistry www.epa.gov/dfe



For further product use instructions/information,

refer to the Product Data Sheets or MSDS Sheets at www.atlanticchemical.com, or call 1-800-929-2436.

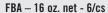


## AEROSOL PRODUCTS

#### **Coil Cleaners**

#### ACE FOAM BLAST (FBA)

Ultra-powerful "foam gun" aerosol spray with additional grease dissolving agents added for quick cleaning action. Ideal for use on A/C coils, oily machines, exhaust fans, etc. Contains fresh citrus aroma. "Non-rinse" formula for evaporators. Turn off power and eliminate any source of ignition prior to use.





#### ACE BIO-KLEEN COIL CLEANER (BKA)

Non-toxic, biodegradable, bio-enzymatic, foaming coil cleaner for removing mold/fungus stains and odors from drain pans and evaporator coils. "Non-rinse" formula for evaporators.

BKA - 18 oz. net - 6/cs



#### ACE ECO-BLAST (EBA)

A heavy-duty, citrus/soy degreaser that has a safe and effective all-natural formula. Flush action, biodegradable solvent that quickly cuts through grease, oil, tar and many other soils. Complies with V.O.C. restrictions in all States.

EBA - 16 oz. net - 6/cs



#### ACE FOAM N'CLEAN AEROSOL (FNA)

High foaming non-acid coil cleaner removes grease, oil, dirt, etc., from aluminum-finned cooling and heating coils. Strong directional spray forces cleaner deep into multi-row coils. High foaming action flushes contamination to coil surface for easy water flush removal. Must be rinsed.

FNA - 20 oz. net - 6/cs



#### ACE FOAMING COIL CLEANER (FCA)

Non-acid, thick foaming, non-flammable aerosol suitable for use in hard access areas and small jobs. Ideal for condenser and evaporator coils, walk-in coolers, ventilators, refrigerators, etc. "Non-rinse" formula for evaporators.

FCA - 19 oz. net - 6/cs



#### ACE POWER BLAST (CCA)

Solvent-based aerosol removes build-up of dirt, grease, etc., from all types of extended heating or cooling fins. Solvent completely evaporates leaving no residue. "Non-rinse" formula for condensers and evaporators.

CCA - 18 oz. net - 6/cs



#### **Specialized Coatings**

#### ACE PIPE KOTE (PKA)

Cold pipe insulation prevents sweating of cold water pipes, refrigeration lines, etc., as well as valves and fittings. Can be applied to wet or dry pipes. Coverage rate is 8 to 10 square feet depending on thickness.

PKA - 15 oz. net - 6/cs



#### ACE COLD GALVANIZING (CGA)

High-solids zinc coating that bonds to metal surfaces to prevent corrosion and rust creepage. Can be painted after coating has cured.

CGA - 14 oz. net - 6/cs



#### ACE RUST BARRIER (RBA)

Flexible, transparent anti-corrosive coating provides a long-term, non-tacky film effective in temperatures ranging from -407°F to 1757°F. Can easily be removed with mineral spirits. Coverage rate is 75-100 sq. ft.

RBA - 14 oz. net - 6/cs



#### ACE CONDENSERKOTE (CKA)

High-quality polyelastomer coating protects A/C aluminum finned tube coils, A/C cabinets, compressors and all non-electric components in the A/C system from corrosion, salt air spray, acid rain, etc., with a tough, durable film that will not crack or peel. Affect on heat transfer is less than 0.1%. Coverage rate for **Blue** is 24 sq. ft. Coverage rate for **Clear** is 19 sq. ft.

CKA - Blue - 18 oz. net - 12/cs CKA - Clear - 14.5 oz. net - 12/cs



#### ACE SUR-GRIP BELT DRESSING (BDA)

Reduces belt slippage and increases belt life and equipment efficiency. Non-chlorinated.

BDA - 12 oz. net - 6/cs



#### **Insecticide Products**

#### ACE WASP AND HORNET SPRAY (WHA)

EPA registered, patented aerosol spray that instantly freezes wasps and hornets for quick knockdown. 20-foot trajectory throughout entire life of the can. Safe for use near electrical circuitry with up to 25,000 volt dielectric strength.

WHA - 14 oz. net - 6/cs







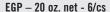


## **AEROSOL PRODUCTS**

#### **Coil Cleaner & Disinfectant**

#### ACE EVAP-GARD PLUS (EGP)

Fast-acting, ready-to-use EPA registered cleaner and disinfectant specifically for use on cooling coils of air conditioning, refrigeration and freezer evaporative coils to eliminate bacteria, mold and mildew, etc.





# **Roof Repair Products**

#### ACE ROOFSEAL (RSA)

Seals leaks, cracks, seams, etc., around rooftop air-conditioning units, vents, chimneys, skylights, etc. Can also repair cracks and holes, etc., in most roofing materials. Sprays as a liquid and dries to a thick black rubberized coating.

ACE HEAVY DUTY SPRAY ADHESIVE (SPA)

Heavy-duty spray adhesive with wide web spray pattern

to provide a temporary or permanent bond of materials such as duct liner, fiberglass insulation, cardboard,

ACE HIGH PURITY CONTACT CLEANER (HPA)

High performance contact cleaner suitable for removing

grease, dirt, etc., from even the most sensitive electronic equipment. Non-chlorinated, non-flammable formula.

Quick-drying, non-residue, high-purity, economy grade

contact cleaner. Safe for use on circuit and PC boards.

relays, switches, contacts, etc. Not intended for use on

RSA - 14 oz. net - 6/cs

Spray Adhesives

most plastics, polyethylene, etc.

**Contact Cleaners** 

SPA - 12 oz. net - 6/cs

HPA - 12 oz. net - 6/cs

"energized" equipment. QDA - 16 oz. net - 6/cs

ACE QD CONTACT CLEANER (QDA)



## **Lubricants**

#### **ACE BOLT BUSTER (BOA)**

Super-fast penetrating lubricant specifically formulated to rapidly break through rust and corrosion to loosen frozen nuts, bolts and mechanical parts.

BOA - 18 oz. net - 12/cs



#### ACE MECHANIC'S CHOICE (MCA)

Chlorinated, high performance, quick-acting, highsolvency, all-purpose spray formulated to penetrate, lubricate and de-moisturize while leaving surfaces with a "never-dry" corrosion retardant.

MCA - 18 oz. net - 12/cs



#### **ACE SILICONE RELEASE SPRAY (SRA)**

Food grade stainless, waxless, all-purpose dry lubricant. **SRA** will act as a waterproofer, corrosion inhibitor, etc. Also eliminates squeaks. USDA authorized.

SRA - 11 oz. net - 6/cs



## **Air Filter Cleaning Treatments**

#### ACE AIR CONDITIONER FILTER SPRAY (FSA)

of cleaner and fresher air.

FSA - 14 oz. net - 6/cs



Attracts dust and odors like a magnet, providing recycling



## **Degreasing Solvent**

#### ACE SUPER DEGREASING SOLVENT (SDA)

A powerful, non-flammable, non-conductive solvent-based cleaner emulsifies grease, oil, grime and tar etc. Safe to use on electrical equipment even while in operation. Ideal for cleaning engine parts, motors, starters, relays, bearings, gears, etc. Has a dual valve spray system for both pin-point and flushing action.

SDA - 18 oz. net - 6/cs



### E C H

For maximum product performance always shake the can before use to ensure that the propellant is properly dispersed with the other chemical ingredients. Then quickly depress the can nozzle to expel any propellant remaining in the valve chamber before applying the product. If applicable, line up the nozzle tip with the red line on the can to fully deplete the can. Protect all aerosols from temperatures below freezing.

### **Condensate Pan Repair**

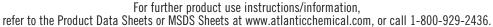
#### **ACE PAN PATCH (PPA)**

Flexible, non-chlorinated, non-asphalt spray coating for sealing out rust, corrosion and repairing leaks in metal or plastic condensate drain pans. Can be used for repairing swamp coolers and cooling towers. Dries in 2 to 4 hours depending on heat and humidity. Coverage rate 12 to 20 square feet per can depending on thickness.

PPA - 14 oz. net - 6/cs





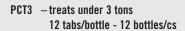


## IAQ PRODUCTS

#### **Premium Drain Pan Treatments**

#### **ACE PAN-CLEAN TABS (PCT)**

Forms a gel-like substance after coming into contact with condensate water that locks product in place on pan. Slowly releases cleaning agents for up to six months - thereby ensuring block and odor-free drain lines. Completely dissolves to ensure no waste disposal problems. Computer room safe.



PCT7 - treats up to 7.5 tons 8 tabs/bottle - 12 bottles/cs

PCT15 – treats up to 15 tons 4 tabs/bottle - 12 bottles/cs



#### **ACE PAN PROTECTORS (TR)**

An EPA registered, controlled time-release drain pan treatment prevents bacterial, fungal, algal growth, etc., while keeping drain lines clear for up to six months. Contains odor counteractants, corrosion inhibitors and cleaning surfactants for additional performance. Computer room safe.

TR14 — treats 1 ton or less packed individually - 120/cs total

TR28 — treats up to 2 tons packed individually - 100/cs total

TR65 – treats 5 tons or less packed individually - 80/cs total

TR150 – treats 10 tons or less packed individually - 48/cs total

TR300 — treats up to 25 tons packed individually - 24/cs total

TR300D – treats up to 50 tons packed individually - 12/cs total

ACE



Proper air filtration and clean coils are important features of any good Indoor Air Quality program. In addition, it is important to ensure that the wet confines of the condensate drain pan are protected against microbial growth. Utilizing ACE Pan Protectors (TR) will eliminate Legionella Pneumophila, the causative agent of Legionaire's Disease and many other viruses and organisms.

ACE Pan Protectors (TR) are widely used by maintenance departments in school systems, airports, hospitals, hotel chains, etc., throughout the U.S. as part of a comprehensive Indoor Air Quality program.

#### **Standard Drain Pan Treatments**

#### **ACE DETERGENT TABS (DTJR)**

Easy-to-use slow dissolving cleaners maintain humidifiers, condensate drains and pans in good working order while reducing odors. Formulated for use in food processing factories. Tablet size 5/8" x 1/4". Computer room safe.



## ACE DETERGENT TABS (DT)

Larger size drain pan tablets for commercial/industrial applications. Slow dissolving formula. Helps reduce odor and keeps pans in good working order. Tablet size 1-3/4"x1/4". Computer room safe.

DT2 -15 tabs/bottle - 12 bottles/cs

DT10 -75 tabs/bucket - 4 buckets/cs

DT100 - 750 tabs/pail





#### ACE TECH TIP

It is important to clean drain pans thoroughly before using any ACE Drain Pan Treatment. ACE Drain Pan Treatments are designed to keep drain pans clean and odor free. In addition, all ACE Drain Pan Treatments contain corrosion inhibitors to prevent rust in metal drain pans.

#### **Sanitizers & Disinfectants**

#### **ACE ECOTREAT (ECT)**

"Environmentally-friendly" / pleasant smelling chlorine dioxide bacteriostat / fungistat / deodorizer. Registered with the EPA for use in HVAC/R systems. For treating indoor coils and drain pans; also for fogging into ductwork. Can be fogged or sprayed while building is occupied.

ECT32 - 32 oz. - 12/cs ECT - 5 gallon ECT1 - 1 gallon - 4/cs

#### ACE EVAP-GARD (AEG)

Faster acting, ready-to-use EPA registered hard surface disinfectant specifically labeled for use on coils and drain pans of air-conditioning, refrigeration and heat pumps. Effective mildewstat inhibits growth of mold and mildew. Apply to coil and drain pan with sprayer only... do not fog into ductwork.

AEG1 -1 gallon - 4/cs AEG55 - 55 gallon AEG5 -5 gallon

#### ACE OXINE (MTR)

Chlorine dioxide-based sanitizer is specifically registered with the EPA for use in HVAC systems. May be fogged into severely contaminated spaces. Requires strict safety procedures including building evacuation. Proven to be effective against Legionella Pneumophila.

MTR - 3.25 oz. bottles - 12/cs

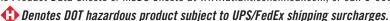


DRAIN PANS
DUCTWORK



DRAIN PANS







## IAQ PRODUCTS

### **Coil Coatings**

#### ACE MICROSHIELD (MSH)

Patented, durable polyelastomer coating formulated to keep evaporator coils clean and odor free for up to 12 months.

 $MSH32 - 32 \ oz. - 12/cs$ 

MSH1 - 1 gallon - 4/cs

MSH5 - 5 gallon

MSH55 - 55 gallon



#### ACE EVAP-GARD PLUS (EGP)

Fast-acting, ready-to-use EPA registered cleaner and disinfectant specifically for use on cooling coils of air conditioning, refrigeration and freezer evaporative coils to eliminate bacteria, mold and mildew, etc.

EGP - 20 oz. net - 6/cs



#### **ACE MICRO-KLEEN KIT (MKK)**

The industry's most complete I.A.Q. kit contains everything needed to treat most I.A.Q. problems, including "Dirty Sock Syndrome." Contains **Super D** coil cleaner for cleaning and **Evap-Gard** for disinfecting the indoor coil/drain pan area. Also included are **TR Pan Protectors** for long-lasting drain pan treatment and **Microshield** durable polyelastomer coating to keep evaporator coils clean and odor free for up to 12 months.

MKK - 1/cs



#### **ACE DIP SLIDES (DPS)**

Easy-to-use malt/TTC agar used to monitor mold, fungal, algal growth in fluids or on surfaces. Comes with instructions regarding use and measurement guidelines. Ideal for monitoring mold/mildew growth on evaporators or inside ductwork/registers.

DPS - 10 slides/cs



## ACE TECH TIP

#### **DUCT TREATMENT AND SANITIZING**

Routine maintenance and light contamination:

Use ACE Fogger (AFS) to fog ductwork with ACE Ecotreat (ECT). Have ductwork mechanically cleaned by vacuuming or brushing.

#### Severe contamination:

Mechanically clean ductwork by vacuuming or brushing. Fog **ACE Oxine (MTR)** into ductwork to sanitize system. Building must be evacuated prior to application. For professional use only.

#### ACE CHEMICAL FOGGER (AFS)

Heavy-duty co-polymer tank with 115 volt pump and 4 ft. hose. Fully adjustable spray output from 20-80 microns. Use for fogging solutions into ductwork and other spaces. Ideal for use with **Ecotreat** or **Oxine**.

**Miscellaneous Products** 

"90" Day Limited Warranty

AFS - Sold individually



#### ACE TECH TIP

For best results when treating indoor coils to solve IAQ problems, ACE recommends a THREE-STEP PROGRAM.

- CLEAN the coil with an approved coil cleaner such as ACE Super D
   (ASD) no-rinse coil cleaner.
- APPLY ACE Evap-Gard (AEG) to eliminate bacteria, mold and other contaminants.
- 3. TREAT the drain pan (after cleaning the pan) with ACE Drain Pan Protectors (TR) for long lasting protection.





## REFRIGERANT LINE FLUSHING / ACID REMOVAL

#### ACE POWER FLUSH (APF)

Powerful ozone-friendly solvent for flushing HVAC/R systems after compressor burn-outs and during retrofits / oil changes. Leaves no residue and is safe for use with systems using all oils and refrigerants. Approved under the EPA's S.N.A.P. program and is non-flammable. Ideal for flushing lines after conversion to R-410A. Use with **ACE Flush Injection Tool (AFT)**.

 $\begin{array}{l} {\sf APF16-16~oz.-6/cs} \\ {\sf (for~systems~from~5~to~7~tons~capacity)} \end{array}$ 



#### ACE FLUSH INJECTION TOOL (AFT)

Flush contaminated HVAC/R systems quickly, easily and economically with the injection tool. Re-usable tank comes with an injection gun that allows user to inject system without need for access valves or manifold gauges. Uses dry nitrogen (not supplied) for propellant. Holds enough **ACE Power Flush** to clean a 25 ton system.

AFT - Sold individually



#### **ACE POWER FLUSH KIT (APFK)**

Complete and easy-to-use Power Flush Kit includes the **ACE Flush Injection Tank**, 16 oz. **Power Flush** and **Hose / Injection** assembly. The unique injection gun system saves time when flushing and eliminates manifold gauges and the use of separate access valves. One time purchase flush tank simply refills with **Power Flush** cans above. Uses dry nitrogen propellant — not included. Ideal for flushing sets after conversion to 410A Refrigerant. Fits lines up to 1 1/2" diameter.

APFK – Sold individually REFILL AVAILABLE: Order APF16 for refills



#### POWER FLUSH II KIT (APFA1K)

Complete kit combining ready-to-use, prepressurized can containing non-flammable, ozone friendly, non-toxic flushing compound based on patented Dupont™ HFC solvent technology and injection valve; injection gun and hose. ACE POWERFLUSH II Kit is designed to flush HVAC/R systems after compressor burn-outs and during retrofits/oil changes. Ideal for "saving" linesets for 410A conversions. Nonresidual solvent safe for use with all oils and refrigerants. Base solvent approved under the EPA's S.N.A.P program.

**APFA1K Sold Individually** 



Ready-to-use, pre-pressurized can containing non-flammable, ozone friendly, non-toxic flushing compound based on patented Dupont™ HFC solvent technology. Cleans HVAC/R systems after compressor burn-outs and during retrofits/oil changes. Ideal for "saving" linesets for 410A conversions. Non-residual solvent safe for use with all oils and refrigerants. Base solvent approved under the EPA's S.N.A.P program.

APFA1 - 1# - 6/cs APFA2 - 2# - 6/cs







Part# PFCD Contains:

APFK - 3 ea APFA1K- 3 ea

APF16 - 4 ea APFA1 - 4 ea







## REFRIGERANT LINE FLUSHING / ACID REMOVAL

#### POWERFLUSH INJECTION VALVE

Injection valve for use with Powerflush II to release solvent into system. Combines with Powerflush Hose and Powerflush Injection Gun. Use with Powerflush II only. NOTE: Hand tighten valve, do not overtighten.

APFA-NZL - Sold Individually



#### POWER FLUSH INJECTION GUN

Simple to use injection gun for use with both Powerflush systems. Fits lines up to 1 1/2" diameter.

APF-GUN - Sold Individually



#### **POWER FLUSH HOSE**

Durable, flexible 24" charging hose with screw on connections for use with both Powerflush systems.

APF-HOSE - Sold Individually



#### ACID AID (AAA)

Acid removal solution for all refrigerants and oils. Super-concentrated formula requires only half the dose of competitive products (2 oz per gallon of oil.) Leaves no residue or salts in sys-

AAA - 2 oz net - 12/cs



## **ODOR CONTROL PRODUCTS**

#### ACE FRESH-AIRE (AFA)

Fast-acting liquid containing a malodor counteractant to chemically neutralize unpleasant odors commonly associated with HVAC systems. Contains a "lavender" fragrance formulated to leave the HVAC system with a pleasant fresh scent after the cleaning procedure. Available in both pump and aerosol.

AFA32 - 32 oz. - 12/cs (Pump)

#### ACE BEAD BAG BUCKETS (BBA)

Range of subtle, non-toxic fragrances supplied as plastic pellets in a convenient packet which can be easily attached to air conditioning filters to provide fresh scented air throughout offices or home environments. Available in 3 scents.

BBA300 - Orchard Spice

24/bucket - 1 bucket/cs

BBA301 - Potpourri

24/bucket - 1 bucket/cs

BBA302 - Fresh n Clean

24/bucket - 1 bucket/cs





#### ACE ODOR NEUTRALIZER (ON1 and ONir)

A powerful odor absorbent which quickly eliminates odors of many different types by an ionization process. To use, simply open can and leave in area to be treated. Size ON1 as needed, smaller 1-3 ton units or small areas will use ONjr (pint size), larger units and areas use ON1 (quart size). Not an odor cover-up, but does contain a pleasant wintergreen scent. Common uses include musty/stale air, animal odors, water/fire damage odors, smoke odors and many more. Can be inserted into HVAC air stream or used in a stand alone application. Effective up to 10 weeks.

ONjr – pint - 12/cs ON8 - gallon - 4/cs

ON1 - quart - 12/cs



ACE Odor Neutralizer (ON1 and ONjr) is very effective in eliminating mold and mildew odors typically found in damp unused rooms and basements. The product has even been used successfully in fire restoration applications. The active ingredients are extremely safe and are used in food manufacturing applications. To avoid over-concentration in small. confined areas, either pour a small amount into a small metal dish or punch holes in the can lid. (Do not put in the drain pan.)



Ace

## REFRIGERATION OIL PRODUCTS

#### Mineral Oils

#### **BVA REFRIGERATION OIL (NAPHTHENIC)**

Manufactured and refined by the Calumet Refining Company, **BVA** refrigeration oils are OEM approved and used by major compressor manufacturers. The oils offer excellent chemical stability when in the presence of refrigerant and other compressor materials. The oils also have good thermal stability to ensure good performance at high temperatures and have good low temperature properties to prevent congealing in the evaporator. The oils are also wax-free to prevent floc problems in the evaporator and expansion valve. OEM approved.

	Quart 12/cs	Gallon 6/cs	5 Gallon	55 Gallon
BVA 3 150 SUS	BVA3 - 32	BVA3 - 1	BVA3 - 5	BVA3 - 55
BVA 4 300 SUS	BVA4 - 32	BVA4 - 1	BVA4 - 5	BVA4 - 55
BVA 5 500 SUS	BVA5 - 32	BVA5 - 1	BVA5 - 5	BVA5 - 55

OEM Compressor Approvals: Copeland, Prestcold, Dunham Bush, Tecumseh, Trane, Carlyle, Schnacke-Grasso.

#### **Alkyl Benzene Oils**

#### BVA, AB OILS (BVA, AB)

A wax-free, alkylated benzene-based lubricant, that does not contain paraffin chains that cause floc properties. **BVA** Alkyl Series has excellent miscibility with R-22. The **BVA** Alkyl Series is miscible with some of the new interim refrigerants such as MP-39, MP-52, MP-66, HP-80 and HP-81. It also makes retrofitting easier and more effective. **BVA** Alkyl Series oil offers excellent thermal stability and chemical stability. Due to its compatibility with mineral oil it can be used in its place or added to mineral oil. OEM approved.

		Gallon 4/cs	5 Gallon	55 Gallon
BVA 100E	500 SUS	BVA100E - 1	BVA100E - 5	BVA100E - 55
BVA 150	150 SUS	BVA150E - 1	BVA150E - 5	BVA150E - 55
BVA 200CA	200 SUS	BVA200CA - 1	BVA200CA - 5	BVA200CA - 55
BVA 300	300 SUS	BVA300 - 1	BVA300 - 5	BVA300 - 55

OEM Compressor Approvals: Copeland (200 ca), Danfoss, Tecumseh, Carrier / Carlyle, Bristol, and others.



### **Polyol Ester Oils**

#### **SOLEST LUBRICANTS**

**Solest® Oils** offer excellent miscibility with HFC refrigerants and have excellent chemical and thermal stability as well as superior lubricity characteristics on steel and aluminum.



	Quart 12/cs	Gallon 6/cs	5 Gallon	55 Gallon
Solest 22 100 SUS	-	Solest 22-1	Solest 22-5	Solest 22-55
SolestLT32 150 SUS	SolestLT32-32	SolestLT32-1	SolestLT32-5	SolestLT32-55
Solest 35 160 SUS	Solest 35-32	Solest 35-1	Solest 35-5	Solest 35-55
Solest 46 200 SUS	Solest 46-32	Solest 46-1	Solest 46-5	Solest 46-55
Solest 68 330 SUS	Solest 68-32	Solest 68-1	Solest 68-5	Solest 68-55
Solest 120 600 SUS	Solest 120-32	Solest 120-1	Solest 120-5	Solest 120-55
Solest 150 750 SUS	-	Solest 150-1	Solest 150-5	Solest 150-55
Solest 170 800 SUS	-	Solest 170-1	Solest 170-5	Solest 170-55
Solest 220 1100 SUS	-	Solest 220-1	Solest 220-5	Solest 220-55

*OEM Compressor Approvals:* A variety of Compressor manufacturers, including Copeland, Tecumseh, McQuay, Carrier / Carlyle, Bristol, Bitzer, others.

#### **BVA RPOE LUBRICANTS**

**BVA RPOE Series** is miscible with all HFC, HCFC, CFC and blends. The series was specifically developed for HFC refrigerants. OEM approved.

	Quart 12/cs	Gallon 6/cs	5 Gallon	55 Gallon
BVA POE22cc 115 SUS	BVA POE22 cc-32	BVA POE22 cc-1	BVA POE22 cc-5	BVA POE22 cc-55
BVA POE32 164 SUS	BVA POE32-32	BVA POE32-1	BVA POE32-5	BVA P0E32-55
BVA POELT32 149 SUS	BVA POELT32 -32	BVA POELT32 -1	BVA POELT32 -5	BVA POELT32 -55
BVA POE64 261 SUS	-	BVA POE46-1	BVA POE46-5	BVA P0E46-55
BVA POE68 329 SUS	BVA P0E68-32	BVA POE68-1	BVA POE68-5	BVA P0E68-55
BVA POE100 514 SUS	-	-	BVA POE100-5	BVA POE100-55
BVA POE120 650 SUS	BVA P0E120-32	BVA POE120-1	BVA POE120-5	BVA P0E120-55
BVA POE170 883 SUS	-	BVA P0E170-1	BVA POE170-5	BVA P0E170-55
BVA POE220 1033 SUS	-	BVA POE220-1	BVA POE220-5	BVA P0E220-55

#### **Additional Oil Products**

#### **BVA VACUUM PUMP OIL (VPO)**

High quality multi-viscosity oil capable of performing at the deepest vacuum. Regular use will ensure continued good operating efficiency of treated pumps. Quart size bottle with easy-pour spout.



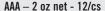


## REFRIGERATION OIL PRODUCTS

#### **Additional Oil Products**

#### ACID AID (AAA)

Acid removal solution for refrigerants and oils. Super-concentrate requires (2 oz per gallon of oil.) Leaves no residue or salt in system.



#### **RUSTBUSTER (RBSTR)**

Oil used to loosen rust from screws, nuts, shafts and frozen parts.

RBSTR - 4 oz. - 12/cs



#### **Additional Oil Products**

#### TELESPOUT OILER (TSO)

All-purpose lubricating oil with telespout oiler.

TSO - 4 oz. - 12/cs

#### REFRACTOMETER

Precision instrument used to determine the refractive index and relative boiling/freezing points of glycol/water solutions. Also used to determine the relative mix of refrigeration oils in a system when converting systems to new refrigerant oils.

02940-09 - Oil Refractometer TKE81000-00 - Glycol Refractometer





## **HOSES, WATER NOZZLES, SPRAYERS**

#### Hoses

#### Z-75850, Z-75875 and HW 5850

Top of the line high performance five ply construction all-weather rubber/vinvl water hoses with added durability and flexibility for extra heavy-duty use.

**Z75850** - standard 5 ply - 50 foot **Z75875** - standard 5 ply - 75 foot

Extra heavy-duty hot water rubber hose capable of extended hot water (200°F) use.

HW5850 - 50 foot hot water hose



#### **Sprayers**

#### ACE COIL CLEANING GUN (CSG)

For use with ACE Coil Cleaners to produce a powerful, high foaming cleaning spray. Simply attach the gun to a water hose and add ACE Coil Cleaner to the chemical reservoir. Then select the chemical ratio required before applying to the coil to be treated. Saves time, no mixing required.

CSG - Sold individually "90" Day Limited Warranty



#### ACE CSG NOZZLE (751BL)

Replacement nozzle for CSG sprayer.

751BL - Sold individually

#### ACE 250P COIL CLEANING SPRAYER (250P)

A high quality, 2 liter heavy-duty polypropylene sprayer with a 1.5 liter working capacity.

250P - Sold individually "90" Day Limited Warranty



Heavy-duty 1 gallon acid resistant polypropylene

1000P - Sold individually "90" Day Limited Warranty



#### ACE 2000P COIL CLEANING SPRAYER (2000P)

The popular heavy-duty 2 gallon acid resistant polypropylene sprayer with a full 1.5 gallon working capacity.

2000P - Sold individually "90" Day Limited Warranty

#### ACE 3000P COIL CLEANING SPRAYER (3000P)

A large tank capacity of 3 gallon acid resistant polypropylene sprayer.

**3000P** - **Sold individually** "90" Day Limited Warranty

#### ACE HS-1 SPRAYER (HS-1)

Commercial 1 quart capacity hand sprayer suitable for most applications.

HS-1 - 12/cs

Note: Replacement parts and part kits are available for 1000, 2000, 3000, 250P and CSG sprayers.

## **Water Nozzles**

#### 571TFR. 573 and 474 NOZZLE

571TFR Heavy-duty hose nozzle, suitable for hot water use. Insulated comfort-grip rubber handle on steel and brass body with washer. 573 NOZZLE Zinc plated steel and brass construction hose nozzle with washer. 474 NOZZLE Plastic and brass leak-proof, shatter-proof, hose nozzle with washer.

571TFR - Sold individually 573 - Sold individually

474 - Sold individually

# High quality rubber hose washers.



#573

#571TFR

#474

#### **O1RW HOSE WASHERS**

01RW - 10 washers/pk





## ICE MACHINE TREATMENT PRODUCTS

#### Cleaners

#### ACE NICKEL-SAFE ICE MACHINE CLEANER (NSC)

Removes scale in ice machines with nickel-plated evaporators. One 16 oz. bottle will clean a system with up to 3 gallons of sump water. USDA authorized.

NSC16 - 16 oz. - 12/cs NSC1 - 1 gallon - 4/cs

#### ACE LIQUID ICE MACHINE CLEANER (LIM)

Food grade all-purpose scale dissolver for fast removal of lime and scale deposits in ice machines, coffee urns, stainless steel, etc. One 16 ounce bottle will clean a system with up to 3 gallons of sump water.

LIM16 - 16 oz. - 12/cs LIM1 - 1 gallon - 4/cs





#### **Sanitizers**

#### ACE ICE-GARD ICE MACHINE SANITIZER (AIG)

Improved performance EPA registered highly concentrated ice machine sanitizer formulated to eliminate slime growth and odors associated with hard surfaces on ice machines and other food processing equipment.

AIG16 - 16oz - 12/cs AIG1 - 1 gallon - 4/cs AIG5 - 5 gallon AIG55 - 55 gallon



## WATER FILTRATION PRODUCTS



### **Everpure Replacement Cartridges**

#### I-2000 / I-4000

Reduce water-related ice machine problems caused by dirt, objectionable tastes and odor and by scale build-up. Precoat submicron filtration removes particles as small as 1/2 micron along with chlorine and other offensive contaminants, and the feed of 6R Micromet inhibits scale build-up caused by dissolved minerals. NSF Certified under NSF/ANSI Standards 42 and 53.

I-2000 – 9,000 gallons capacity I-4000 - 12,000 gallons capacity



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

MC2 - 9,000 gallons capacity XC2 - 12,000 gallons capacity





## **Everpure Replacement Cartridges**

#### 4CB5 / 7CB5

Genuine Everpure 5 Micron replacement cartridge for Standard Everpure heads. Controls chlorine taste and odor. Maintains important NSF Class 1 Certification for Performance and Safety standards. Use for drinking water applications. Flow rate 1.67 gallons per minute.

4CB5 - 6,000 gallon capacity 14 in. long - 6/cs 7CB5 - 10,000 gallon capacity 20 in. long - 6/cs

> Can replace the following Everpure cartridges: MC, QC71, XC, CV, XCV, TO and 7DBG.



#### 4CB5S / 7CB5S

Genuine Everpure 5 Micron replacement cartridge for Standard Everpure heads. Controls scale as well as chlorine taste and odor. Maintains important NSF Class 1 Certification for Performance and Safety standards. Use for ice machine and steamer applications. Flow rate 1.67 gallons per minute.

4CB5S - 6,000 gallon capacity 14 in. long - 6/cs 7CB5S - 10,000 gallon capacity

> 20 in. long - 6/cs Can replace the following Everpure cartridges: I-2000, I-4000, MH



## **CUNO®** Replacement Cartridges

#### REPLACEMENT FOR CUNO® SERIES 8000 FILTER CARTRIDGES

The E Series CU-S and CU cartridges are equal replacements for the CUNO Series 8000 filter cartridges in food service, vending machine and OCS applications. Both incorporate a carbon block filter that polish water for high quality beverage and ice, reducing chlorine taste and odor and other offensive contaminants.

10,000 gallon capacity Flow: 1.5 gpm

CU-S: EV9781-12 - Replaces CFS-8112S, CFS-8720S & CFS-8812S CU: EV9781-10 - Replaces CFS-8112, CFS-8720 & CFS-8812









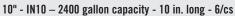
## WATER FILTRATION PRODUCTS



#### **Inline Filters**

## INLINE FILTER FOR CHLORINE TASTE/ODOR REMOVAL

10 inch and 12 inch in-line filters with NSF Class 1 Taste and Odor reduction rating. Also reduces Limescale, Capacity of .75 GPM. Ideal for small icemakers (up to 250 lbs. capacity), coffee makers, or drinking fountains. 1/4" NPT openings. Fittings not included.



12" - IN12 - 4800 gallon capacity - 12 in. long - 6/cs



### **Replaceable Cartridges for Filter Housings**

#### SEDIMENT CARTRIDGES (PRE-FILTER) FOR PARTICLE REDUCTION ONLY

Coarse pre-filter cartridges for bowl type systems. Reduces dirt, rust and sediment in high volume applications. Ten micron rating. Two inch diameter. Fits all standard size 5/10/20 inch bowls.

5" - P5-478 - 12/cs

10" - EC-110 - 12/cs

20" - EC-210 - 6/cs



Reduces chlorine taste and odors. Recommended for foodservice/drinking water applications. NSF Class 1 Rating. Two inch diameter. Fits all standard size 5/10/20 inch bowls.

5" - GAC-5 - 24/cs

10" - CGT-10 - 12/cs

20" - CGT-20 - 12/cs



Combination cartridges perform the job of scale removal, as well as taste and odor reduction, making them ideal for ice machine filtration. 10/20 inch long cartridges fit all brands of 2 inch diameter, 10/20 inch long housings.

10" - CGT-10S - 12/cs

20" - CGT-20S - 6/cs

#### TRANSLUCENT SCALE INHIBITION CARTRIDGE

The translucent cartridge allows for easy visual monitoring of the product's usage. (The IMF-10 is a longer life scale inhibition cartridge.)

IMF-7 - EV9799-32 IMF-10 - EV9799-02



### **Filter Housings**

## COMPLETE FILTER SYSTEMS AVAILABLE IN MANY CONFIGURATIONS

Complete filter systems include single, double, or triple bowl systems complete with bowls, mounting brackets, pressure gauge and shut-off valves. Accepts any 10/20 inch long, 2 inch diameter filter cartridge.

CGS-10 - single 10" bowl system

CGS-12 - double 10" bowl system

CGS-20 - single 20" bowl system

CGS-22 - double 20" bowl system

CGS-23 - double 20" bowl system (parallel piping)

CGS-55 - triple 20" bowl housing

Cartridges sold separately



## 10" & 20" COARSE PREFILTERS WITH HOUSING

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

10" EV9795-80 20" EV9795-90

(NSF.)

(NSF)

Optional: Wing Bracket for all multiple filter head systems manufactured after 2003: EV3114-34



## **Complete Feeder System**

#### SCALE CONTROL IN ICE/COFFEE APPLICATIONS

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

Part Number: EV9798-45

Optional: Wing Bracket for all multiple filter head systems manufactured after 2003: EV3114-35



## **Everpure Filter Heads**

#### QC71 HEADS

Designed for all Nu-Plus Series E filters. All sizes come with a built-in shut off, flushing valve and an outlet pressure gauge which is included on the mounting bracket. (3/8 NPT)

Single: EV9272-41 Triple Parallel: EV9272-23
Twin Parallel: EV9272-22 Quad Parallel: EV9336-11





## **CONDENSATE PAN REPAIR**

#### ACE WATER STOP (AWS)

Black, elastomeric sealant seals cracks, fissures, small holes in roofs and in plastic or metal air conditioner drain pans. Can also be used to seal and protect drain pans from corrosion. Coverage rate 20 to 30 square feet depending on thickness. Dries in 4 to 6 hours, completely cures in 24 hours.

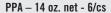
AWS32 - 32 oz. - 12/cs

AWS1 - 1 gallon - 4/cs



#### ACE PAN PATCH (PPA)

Flexible, non-chlorinated, non-asphalt spray coating for sealing out rust, corrosion and repairing leaks in metal or plastic condensate drain pans. Can also be used for repairing swamp coolers and cooling towers. Dries in 2 to 4 hours depending on heat and humidity. Coverage rate 12 to 20 square feet per can depending on thickness.





## **DUCT SEALANTS & ACCESSORIES**

#### **ACE FAST TACK (FSC)**

High solids, non-cobwebbing, solvent based duct liner adhesive. Clear in color.

FSC9 - 9 lb. cylinder only

FSC30 - 30 lb. cylinder only

Accessories:

FSC Gun - Gun only (includes tip)

FSC Hose - Hose only FSC Tip - Extra tip

#### ACE MASTIC TAPE (ADT)

Fiberglass reinforcing tape for duct seams and joints. Size 3"x150'.

ADT - 24 rolls/cs



#### ACESEAL MASTIC 181 (MAS)

UL 181 AM/BM listed, fiber reinforced, water-based duct sealant/mastic. Dries to off white color.

MAS1 - 1 gallon - 4/cs



#### ACE CHIP BRUSH (ADB)

Economical 2 1/2" brush for use with ACESEAL MASTIC

ADB - 12/cs



## **INSULATION / SEALANTS / CAULKING**

#### HANDI FOAM (FMA JR.)

Triple expanding polyurethane foam designed to fill holes, gaps, etc., in air conditioning and refrigeration applications. Does not contain CFC's.

FMAir - 12 oz net - 12/cs



#### ACE FOAM INSULATION TAPE (AIF)

Prevents condensation on cold pipes and can be used to minimize heat loss on hot pipes. Tape will not dry out or crack.

Non-hardening, non-skinning rubberized cork tape designed to bond easily to piping without

any additional adhesives. Manufactured for the

air conditioning industry as an insulating mate-

rial for hot/cold pipes and also to prevent pipe

AIF2 - 30' x 2" x 1/8" roll - 12/cs

ACE CORK TAPE (ACT)



# Ace

#### ACE BEAD CORDS (AB) ACE INSULATION SLUGS (ATG)

Non-hardening, ready-to-use, water-resistant compound ideal for sealing all joints, seams and openings. Product maintains shape and properties under a wide range of temperatures and conditions. Excellent for heated and cooled boxes.

AB -3/8" x 25 bead cords - 24/cs ATG - 2 lb. slugs - 12/cs



Ace

#### ACE FIRE SEAL 136 (FSL)

Single component non-combustible material for use in single-family residential homes. Meets ASTM-E136 and ASTM-E814 standards for residential structures. Resumes fireblock rating. Red in color.

Residential Grade FSL136 - 10.3 oz Tube - 12/cs



#### ACE FIRESTOP 814 (FST)

**Commercial Grade** 

One part, intumescent latex based sealant meeting ASTM-E814/UL 1479 standards for commercial firestopping applications. Resumes integrity of 1 and 2 hour rated floors and walls. Forms a tough, flexible seal. Red in color.

FST814 - 10.3 oz Tube - 12/cs









## **MAINTENANCE & SAFETY PRODUCTS**

#### **Maintenance**

#### **ACE WHITE TERRY TOWELS**

Grade "A", standard 14"x17" extra absorbent cotton terry towels that are washable and reusable. Pre-washed for softness and absorbency with sewn edges for added durability and strength.

ACE10700 - #5 Box (approx 25 towels) ACE10750 - 12 pack cellophane wrap

#### ACE BLUE HUCK (SURGICAL) TOWELS

New, pre-washed, lint-free 100% cotton blue "huck" towels. Standard 16"x24" with sewn edges for added strength and durability.

ACE21005 - #5 box (net 4# of towels)

#### **ACE RED SHOP TOWELS**

Pre-washed general purpose 100% cotton shop towel. Standard 14"x14" washable and reusable with sewn edges for strength and durability.

ACE32025 – 25 count poly bag ACE32006 – 6 per pack w/band

#### **WONDER RAGS**

Pre-washed, standard 16"x16" streak and lint-free microfiber cloth. Removes spills/ splatters and polishes & cleans all surfaces.

ACE83625 - 25 Wipes per box









#### Maintenance/Safety

#### ONE TUFF WIPING CLOTH

High performance wipe made from patented Dupont Sontara™ technology. This standard 12"x16.5" reusable, solvent resistant, high performing, super tough wipe is bigger, more durable and less expensive to use per task than paper.

ACE84075 - 75 wipes per box

#### MIXED WHITE KNITS

All purpose, economical white t-shirt and mixed knit rags are super absorbent and soft.

ACE10832 - #5 box (net 4# of wipes)





#### FOOT PROTECTION

Tyvek "one size fits all" shoe and boot covers provide extra protection against tracking dirt and grime on carpets and floors.

ACE04501/24 - SHOE GUARDS
(24 pairs per case)
ACE04501/B - SHOE GUARDS
(150 pairs per box)
ACE04511/35 - BOOTEES (36 pairs per case)
ACE04511/B - BOOTESS (100 pairs per box)



#### **COVERALLS**

One piece, heavy duty, tear-resistant, reusable Tyvek® fabric coveralls.

ACE14124 – TYVEK COVERALLS (12 each per case)



## **MISCELLANEOUS PRODUCTS**

## **Heat Blocking Products**

#### **ACE HEAT SHIELD**

Environmentally safe, biodegradable, non-toxic, non-corrosive protective barrier that retards against heat transfer through metal during soldering/welding applications.

**Heat Shield Paste:** 

HSP16 - 16 oz. - 24/cs

HSP32 - 32 oz. - 12/cs

Heat Shield Spray Gel: HSG32 - 32 oz. - 12/cs



## ACE TECH TIP

ACE Heat Shield Paste (HSP) has better "insulating capabilities" than conventional "tube" heat block products. The product's dense consistency allows it to stay in place on the protected area until job completion. Upon job completion, the paste can be wiped off and re-used on a future application.

ACE Heat Shield Paste (HSP) is best for valves and other irregular shaped surfaces.

**ACE Heat Shield Spray Gel (HSG)** is best for applying thinner coats to flatter surfaces.



## **HEAT TRANSFER & ANTI-FREEZE PRODUCTS**

#### FROSTSAFE / PIPESAFE

An inhibited glycol-based anti-freeze suitable for protection of closed systems against severe weather conditions. Available in ethylene or propylene glycol. Glycol products are available with or without inhibitors subject to customer requests.



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. ₹	STRENGTH GLYCOL	K
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Frostsafe (Ethylene Glycol)

EG5 - 5 gallon EG55 - 55 gallon

Pipesafe (Propylene Glycol)

PG5 - 5 gallon PG55 - 55 gallon

Pipesafe Plus (Propylene Glycol Food Grade)

PG55FG - 55 gallon

PG Food Grade, 55 gallon only: (Must be used in applications where product may come in contact with food.)

All ACE glycols are 100% virgin material no recycled material is used.



Freeze Protection Point	% Ethylene Glycol Needed	% PG or PG Food Grade Needed
+20	16%	20%
+10	26%	29%
0	34%	37%
-10	40%	43%
-20	45%	48%
-30	49%	52%
-40	53%	56%
-50	56%	58%
-60	60%	60%
-50	56%	58%

#### FROSTGUARD / PIPEGUARD

An inhibited 60% glycol-based anti-freeze which provides burst protection to -100° Fahrenheit. Available in ethylene or propylene glycol.

Frostguard (Ethylene Glycol)

EG60-1 - 1 gallon - 4/cs

EG60-5 - 5 gallon

EG60-55 - 55 gallon

Pipeguard (Propylene Glycol)

PG60-1 - 1 gallon - 4/cs

PG60-5 -5 gallon

PG60-55 - 55 gallon





Freezing Point EG60 Frostguard			g Point peguard
Freeze Protection Point	% EG60 Needed	Freeze Protection Point	% PG60 Needed
+20	28%	+20	33%
+10	43%	+10	48%
0	56%	0	60%
-10	66%	-10	71%
-20	76%	-20	80%
-30	83%	-30	86%
-40	90%	-40	88%
-50	93%	-50	95%
-60	100%	-60	100%

## **COOLING TOWER PRODUCTS**

#### **Scale Removers**

#### ACE SCALE REMOVER (SR)

Easy-to-use inhibited acid-based scale remover safe for use on galvanizing, copper, iron and aluminum in heat exchangers, cooling towers, air conditioning equipment, etc. Product will mechanically remove any sludge or algae attached to the scale growth. Use 1 gallon to 15 gallons water for heavy scale, 1 to 20 for medium to light scale. Descaling in a typical system cleaned will take roughly 4-5 hours before draining and refilling. To inhibit future scale build-up, use ACE **NCT** corrosion inhibitor. Comes with pH test strips packet for use when neutralizing.

SR1 - 1 gallon - 4/cs SR5 - 5 gallon

SR55 - 55 gallon



For extra-hard-to-remove silica scale, add to the SR solution in the above cleaning procedure. Add 1 pound of powder to each gallon of SR required for system cleaning. If unsure of scale type, ACE can analyze a sample of hardened scale sent to the factory. Call for details.

SSA - 10 lb box - sold individually





#### ACE CONDENSER CLEANER (CC-10)

Original acid detergent powder is inhibited against chemical attack on iron, galvanizing, brass and copper, etc. Removes scale, rust, sludge and algae. 10 lbs. of CC-10 treats 50 gallons of water.

CC10-40 - 10 lb. box - 4/cs

CC10-50 - 50 lb. box

CC10-100 - 100 lb. box

#### ACE SCALEMASTER (LSR)

Organic salt-based limescale remover with newly developed Acid Replacement Technology produces a safer-than-acid, fast-acting limescale (calcium carbonate) remover. Contains an inhibitor to prevent attack on aluminum, galvanizing, copper or iron. 1 gallon treats 20 gallons of water. Ships DOT nonhazardous for ground shipments.

LSR1 - 1 gallon - 4/cs

LSR5 - 5 gallon

LSR55 - 55 gallon











## **COOLING TOWER PRODUCTS**

#### **Scale & Corrosion Inhibitors**

## ACE NON-CHROMATE CONDENSER TREATMENT (NCT)

Controls scale and corrosion in condenser water systems. Controls head pressure and keeps the system clean for up to 30 days. The easy to use automatic feeder can is placed into service by opening the pre-marked holes on the side and top of the can (do not remove lid) and inserting the can into the sump of the cooling tower.

NCT15 — for up to 30 ton systems, 2.5 lb. can - 12/cs NCT100 — for up to 125 ton systems, 10 lb. can - 6/cs



## ACE COOLING TOWER TREATMENT 403M (CL-403M)

Concentrated non-chromate, combination of polyelectrolytes and corrosion inhibitors formulated to control scale, rust and sludge build-up even in the most severe conditions. For systems over 100 tons capacity.

CL403M-5 - 5 gallon CL403M-30 - 30 gallon CL403M-55 - 55 gallon



Phosphate-based liquid cooling water treatment with an anti-precipitant, dispersant and corrosion inhibitor to control scale, corrosion and sludge build-up. For systems over 100 tons capacity.

CL134-5 — 5 gallon CL134-30 — 30 gallon CL134-55 — 55 gallon



# da

## **Acid Pump**

#### ACE ACID PUMP (AAP)

A small submersible pump for transferring hydrochloric or sulfamic acids through water-cooled condensers, heat exchangers and other water handling equipment. Maximum flow rate of 475 GPH at 1' lift with a 1/28 HP epoxy encapsulated motor.

AAP - Sold individually

#### ACE ACID PUMP KIT (APK)

20-feet of clear plastic hose and fittings for use with the **ACE Acid Pump (AAP)**.

APK - Sold individually





#### **Algaecides**

#### **ACE SUMP BUDDY TABLETS (SBT-25)**

EPA registered, 40% active 2,2-dibromo-3 nitrilopropionamide (DBNPA) tablets for use in small water cooling towers to control bacterial/algal growth. Supplied in a water-soluble bag, each tablet will treat 500-1000 gallons of water and takes about three weeks to dissolve, subject to water flow.

SBT25 - 25 tablets/pail



## **Closed Loop Cleaners & Treatments**

#### ACE CLOSED SYSTEM CLEANER (CSC)

Non-acid cleaner suitable for use in hot and chilled water systems to remove sludge and accumulations of rust and corrosion. Use at a rate of 1 gallon to 200 gallons water and allow to circulate for up to 10 days before draining. After the system has been cleaned, it is recommended that ACE Closed System Treatment (CST) be used to prevent future build-up of corrosion and rust.

CSC1 – 1 gallon - 4/cs CSC5 – 5 gallon Also for hot water boilers.



#### ACE CLOSED SYSTEM TREATMENT (CST)

Non-chromate liquid controls rust and corrosion in hot and chilled water systems and hot water boilers. Compatible with anti-freeze solutions and is authorized for use in federally inspected meat and poultry plants by the USDA. Use at a ratio of 1 gallon to 120 gallons water. Product remains in the system.

CST1 - 1 gallon - 4/cs CST5 - 5 gallon



#### ACE TECH TIP

To size closed loop systems, estimate approximately 6 gallons of water per ton of system capacity.



## **COOLING TOWER PRODUCTS**

#### **Additives**

#### ACE ANTI-FOAM (AF)

Reduces foam in applications where scale removers react with heavy scale and condenser water.

AF160 - 16 oz. bottle - 12/cs AF100 - 1 gallon - 4/cs



#### ACE TECH TIP

#### **COOLING TOWERS:**

To quickly calculate the amount of water in a cooling tower system, simply measure the length, width and depth in feet of the water in the tower, then multiply by 10. This gives an approximate total of gallons in the system including piping and condensers.

## **COOLING TOWER MANAGEMENT EQUIPMENT**

#### **BY-PASS FEEDER**

2 & 5 gallon unit pot feeders, available with or without legs, for use to introduce chemical treatments into closed circulating systems.

EQJ2HD - 2 gallon EQJ5HD - 5 gallon



Combination test meter with determination of pH from 2-12 and conductivity from 0-5000 microhms.

**PHMETER** 



#### CHEMICAL FEED PUMP

UL Listed, with manual control for adjustable stroke rate and stroke length. Distinct models available with variable GPD & PSI capacities.

PLE14SA



#### CHEMICAL SOLUTION TANK

pH CONDUCTIVITY METER

50 gallon polyethylene solution tank ideal for storage of most corrosive/non-corrosive chemical water treatment products.

EQH26350



#### **COOLING TOWER CONTROLLERS**

MCT Controllers offer ability to control conductivity in open loop (tower) and closed loop (chiller) systems. Optional features include pH, make-up water, biocide and ORP control, program timers, drum level inputs and alarm output etc.

**MCT** 



#### DROP TEST KIT

Combination test kit for water analysis of cooling or boiler water.

TK49318



#### ACE TECH TIP

In addition to water treatment chemicals and equipment, **Atlantic Chemical & Equipment** offers customers a water treatment analysis service.

To take advantage of this service, customers should simply forward a quart (32 fl. oz.) sample of the cooling tower or boiler's make-up water to our Atlanta factory. Our in-house laboratory staff will analyze the sample and then recommend the appropriate treatment.

ACE can supply a wide variety of equipment to treat most water treatment needs. Call for specific equipment needs. Many configurations are available.





## **LEAK DETECTION / SMOKE BOMBS / ROOF REPAIR**

#### **Leak Detection**

#### ACE FAST FIND LEAK DETECTOR (FFD)

Polymer-based formulation, supplied in a spray bottle for ease of use. Locates even microscopic air/gas leaks.

FFD32 - 32 oz. - 12/cs FFD1 - 1 gallon - 4/cs



#### ACE FAST FIND LT LEAK DETECTOR (FLT)

Low temperature, polymer-based leak detector formulation suitable for use in temperatures down to -10°F.

FLT32 - 32 oz. - 12/cs FLT1 - 1 gallon - 4/cs



#### ACE GAS LEAK DETECTOR (LD)

Bubble forming liquid with an iridescent hue for improved visibility. This high viscosity formulation provides positive leak detection for refrigeration, air and gas lines.

LD8 - 8 oz. - 24/cs LD1 - 1 gallon - 4/cs



#### **Roof Repair**

#### ACE ROOF SEAL MASTIC (RSM)

Premium solvent based roof cement is ideal for use on wet or dry surfaces to seal leaks, cracks, seams, etc., around rooftop air-conditioning units, vent pipes, chimneys, skylights, etc. Also excellent for repairing leaks and cracks in all roofing materials.

RSM - 1 gallon can - 6/cs

Note: This product cannot ship FedEx or UPS.



#### ACE ROOFSEAL (RSA)

Seals leaks, cracks, seams, etc., around rooftop air conditioning units, vents, chimneys, skylights, etc. Can also repair cracks and holes, etc., in most roofing materials. Sprays as a liquid and dries to a thick black rubberized coating. Coverage rate is 10 to 12 square feet depending on thickness.

RSA - 14 oz. net wt. - 6/cs



#### **ACE SMOKE BOMBS (ASB)**

Non-explosive smoke bombs for testing heat exchangers and ductwork airflow. Part# ASB30 yields 30 seconds / 4000 cubic feet of smoke; Part# ASB60 yields 60 seconds / 8000 cubic feet. Smoke is white/gray in color.

ASB30 - 30 second - 12/bag ASB60 - 60 second - 12/bag



## **DEGREASING SOLVENTS / OIL ABSORBENTS**

#### ACE ENVIRO-KLEAN DEGREASING SOLVENT (NCD)

"Environmentally friendly", non-chlorinated degreasing solvent that is ideal to remove oil, grease, etc., from air conditioning and refrigeration parts and accessories.

NCD1 - 1 gallon - 6/cs

NCD5 - 5 gallon

NCD55 - 55 gallon



#### ACE SUPER DEGREASING SOLVENT (SDS)

A selected blend of solvents that effectively removes oil, grease, etc., from air conditioning and refrigeration parts and accessories. Will not attack electrical insulation and is non-corrosive.

SDS1 - 1 gallon - 6/cs (ORM-D, case only)

SDS5 - 5 gallon

SDS55 - 55 gallon



#### ACE SUPERKLEAN (SKL)

High performance, concentrated alkaline general purpose cleaner and degreaser quickly and easily removes heavy concentrations of grease, dirt, grime, waxes etc., from appliances, grease filters, motors, engines, etc.

SKL32 - 32 oz. - 12/cs

SKL1 - 1 gallon - 4/cs

SKL25 - 2.5 gallon - 2/cs

SKL5 - 5 gallon

SKL55 - 55 gallon



#### ACE OIL ABSORBENT PADS (WFMF100)

Polypropylene fiber absorbent pads pick up all types of industrial oils while not absorbing water. Size 17" x 19".

WFMF100 - 100/pkg





## HAND CLEANING PRODUCTS

#### ACE TECH

ACE can answer your questions about "cross reference to competitor product" information. Simply contact us with the competitor part number or product name and we can supply an equivalent product or one of better quality usually at a better price.

#### **ACE HANDI-WIPES (ASW)**

Multi-purpose, non-scratching, waterless towels cut through tar, oil, grease, ink, paint, etc. Fortified with emollient and natural oils to protect hands. Ideal for cleaning hands, tools, equipment, etc.

ASW20 - 20/roll - 12/cs



## **PVC CEMENT / INSULATION ADHESIVES**

#### ACE WET/DRY PVC CEMENT (WPVC)

Extremely fast drying, blue, medium bodied PVC cement recommended for wet and/or quick pressurization conditions. Suitable for joining PVC pipe and fittings for all class and schedule pipe up to 6" circumference; schedule 60 up to 4".

WPVC8 - 8 oz. - 24/cs WPVC16 - 16 oz. - 12/cs



#### ACE PVC PRIMER / CLEANER (PVCP)

Clear, dauber-in-cap formula cleans, primes and softens pipe and fittings prior to application of solvent for secure bonding of surfaces. Purple in color.

PVCP8 - 8 oz. - 24/cs PVCP16 - 16 oz. - 12/cs



#### ACE PVC CEMENT (PVC)

Dauber-in-cap, regular bodied medium-to-fast setting PVC cement for PVC pipes and fittings. Suitable for use for schedule 40 and 80 pipes up to 4" in diameter.

PVC8 - 8 oz. - 24/cs PVC16 - 16 oz. - 12/cs



#### ACE INSULATION ADHESIVE (INA)

A high-strength, opaque-colored, contact cement suitable for use in bonding pipe insulation tubes/sheets and most other clean, dry surfaces. Dries flexibly to form a positive vapor barrier to prevent pipe sweat and heat transfer.

INA8 - 8 oz. - 24/case INA16 - 16 oz. - 12/case INA32 - 32 oz. - 12/case



## THREADED PIPE PRODUCTS

#### ACE ALL-PURPOSE PIPE DOPE (APD)

Brush-in-can, yellow, non-hardening, non-toxic pipe joint compound for use on all metals, ABS, PVC, CPVC, etc. Does not contain lead or silicone. NSF certified formula.

APD8 -8 oz. - 24/cs.APD16 - 16 oz. - 12/cs



#### ACE PIPE SEAL (TPD)

Teflon-based, brush-in-can, non-hardening, white pipe compound for use on metal and plastic threaded connections. Does not contain lead or silicone. NSF certified formula.

TPD8 - 8 oz. - 24/cs TPD16 - 16 oz. - 12/cs



#### **ACE TEFLON TAPE (ATT)**

White teflon tape ensures tight fits for threaded connections.

ATT - 100 rolls/cs



#### ACE LIGHT CUTTING OIL (LTO)

Heavy-duty sulfurized-chlorinated base oil that helps cut clean, sharp threads on steel and brass pipe. Reduces friction during hand threading applications. By reducing this friction, heat generation is minimized. The results are cleaner, sharper threads, better fitting ioints and longer tool life.

LT032 - 32 oz. - 12/cs









## **FUEL OIL PRODUCTS**

#### **Multi-Purpose Additives**

#### **ACE 4-SEASONS CONCENTRATE (FOS)**

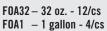
Solvent-based fuel oil treatment for use with all types of oil heating systems to disperse water, maintain nozzles and filters in a clean condition while also improving burner durability. Dosage rate 16 ounces per 125 gallons of oil.



FOS16 - 16 oz. 12/cs

#### **ACE FUEL OIL ADDITIVE (FOA)**

Petroleum-based emulsifying agent formulated to eliminate sludge accumulations and water build-up due to condensation in storage tanks. Dosage rate 2 quarts per 1000 gallons of oil.





#### **Adhesives / Cements**

#### ACE DURA-BOND (DUB)

Smooth, easy-to-use, sodium silicate, waterglass formulation designed for use as a high temperature refractory adhesive. Used for gluing liners in firechambers.

DUB16 - 16 oz. - 12/cs



#### ACE FURNACE CEMENT (FRC)

Fire resistant 3000°F furnace/retort cement that is acid-proof and fire-resistant. Used for repairing furnaces, boilers, stoves, chimneys and heaters. 6 lb. bucket.

FRC6 - 6 buckets/cs



#### Sludge / Algae Treatments

#### ACE SLUDGE-TREAT (SLT)

Solvent-based sludge and fuel oil conditioner for use with any type of oil for rotary and gun burners. Dosage rate 1 quart per 1000 gallons of oil.

SLT32 - 32 oz. - 12/cs SLT1 - 1 gallon - 4/cs



#### **Odor Products**

#### **ACE FUEL ODOR AWAY (AFO)**

Ready-to-use powder, supplied in a shaker-canister. Absorbs oil spills and eliminates oil odors from concrete and other hard surfaces.

AF01 – 1 lb. canister - 12/cs AF02 – 2 lb. canister - 12/cs



#### **ACE FUEL OIL NEUTRALIZER (FON)**

Sprinkle-on granular odor neutralizer absorbs oil while eliminating oil odors from hard surfaces.

FON - 1.75 lb. canister - 12/cs



#### ACE ODOR OUT (AOO)

A heavy-duty, aerosolized odor neutralizer that quickly removes unpleasant odors associated with fuel oils, etc.

A00 - 12 oz. net - 12/cs



#### **Soot Removal**

#### ACE SOOT-X (ASX)

Powdered soot remover for all oil and gas-fired burners. Formulated to produce extra oxygen that causes soot to burn until the furnace is clean.

ASX - 1 lb. canister - 12/cs



#### ACE SURE SHOT (SST)

Ready-to-use soot remover for oil, gas, wood, coal-fired boilers, stoves, etc., 3 oz. tubes.

SST - 36 tubes/cs





## Water / Ice Dispersants

#### ACE HYDRO-SORB (AHS)

Solvent-based fuel tank water absorber will absorb and permanently disperse water in fuel oil storage tanks. Dosage rate 1 quart per 250 gallons of oil.

AHS16 - 16 oz. - 12/cs AHS32 - 32 oz. - 12/cs



#### ACE ICE-AWAY (IAW)

Concentrated, solvent-based fuel oil de-icer rapidly eliminates ice build-up in fuel oil storage tanks. Not for use in internal combustion engines. Use one 16 ounce bottle of per 1000 gallons of oil.

IAW16 - 16 oz. - 12/cs IAW32 - 32 oz. - 12/cs





## STEAM BOILER TREATMENTS

#### ACE STEAM-RITE (STR)

Concentrated phosphate-based powdered boiler cleaner and conditioner that contains a color indicator to ensure proper use. Stops surging/priming. Eliminates scale and prevents corrosion. No draining necessary.

STR - 9 oz. net. - 12/cs



#### ACE STEAM-RITE PLUS (SRP)

Highly concentrated phosphate-based formula designed to clean and condition water in steam boilers. Ideal for removing oil and grease from new boilers. Eliminates surging/priming. Removes scale and prevents slow steaming.

SRP - 9 oz. net. - 12/cs



#### ACE BOILER TREATMENT (BL-150)

A neutralizing amine formulation designed to prevent corrosion in steam and return lines due to acidic conditions. Recommended for use in systems where condensate return exceeds 75%.

BL150-5 - 5 gallon BL150-30 - 30 gallon BL150-55 - 55 gallon



#### ACE LIQUID BOILER CLEANER (LBC)

A corrosion-inhibited formula blended to prevent clogging of automatic hot water valves while removing sludge and other impurities. Will stop surging within 10 minutes. No need to drain boiler. Dosage rate of 1 quart per 35,000 BTU's boiler capacity.

LBC - 32 oz. - 12/cs



#### ACE BOILER TREATMENT 160 (BL-160)

A highly alkaline organic formulation with sludge conditioners and oxygen scavengers for use where an allpurpose liquid boiler treatment is required. When used as directed, BL-150 Steam Line Treatment is the only other product needed to maintain the system in good working order.

BL160-5 - 5 gallon BL160-30 - 30 gallon BL160-55 - 55 gallon



#### ACE BOILER TREATMENT 504S (BL-504S)

An organic polyelectrolyte plus an anti-precipitant for controlling scale, sludge and corrosion in steam boilers. This product provides effective and economical control of waterside problems in low and medium pressure boilers and will remove scale already formed on boiler tubes while forming a protective film against further corrosion.

BL504S-5 - 5 gallon BL504S-30 - 30 gallon BL504S-55 - 55 gallon



## **HOT WATER / STEAM BOILER TREATMENTS**

#### ACE BOILER TREAT (ABT)

Unique, highly concentrated blend of anionic polyacrylamides and sequestrants in an alkaline solution manufactured to solubilize hardness, eliminate oxygen while also forming a thin protective film on boiler tubes. Removes previously formed scale build-up without the need of costly shutdowns. Dosage rate 1 gallon per 1000 gallons of water.

Easy-to-use single drum formulation blended from

phosphates, alkaline materials, sludge conditioners

and oxygen scavengers for use in steam and hot

water boilers. Dosage rate 1 gallon per 1000 gallons

ABT32 - 32 oz. - 12/cs.

ACE ONE-SHOT (AOS)



BSL32 - 32 oz. - 12/cs

gallons of water.

ACE BOILER STOP LEAK (BSL)

Powdered sodium phosphate-based hot water coil clinging deposits from the outside of tankless and side scale and corrosion.

An easy-to-use liquid-based product designed to repair

cracks or leaks in steam or hot water boilers. No

draining necessary. Dosage rate 1 quart per 12

HYB - 1# container - 12/cs



#### ACE HYDRO-BOIL (HYB)

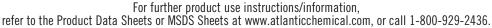
cleaner to remove insulating oxide films and other arm heater coils. Can remain in the boiler to inhibit



#### A0S32 - 32 oz. - 12/cs.AOS1 - 1 gallon - 4/cs

of water.





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