

Hydro Balance

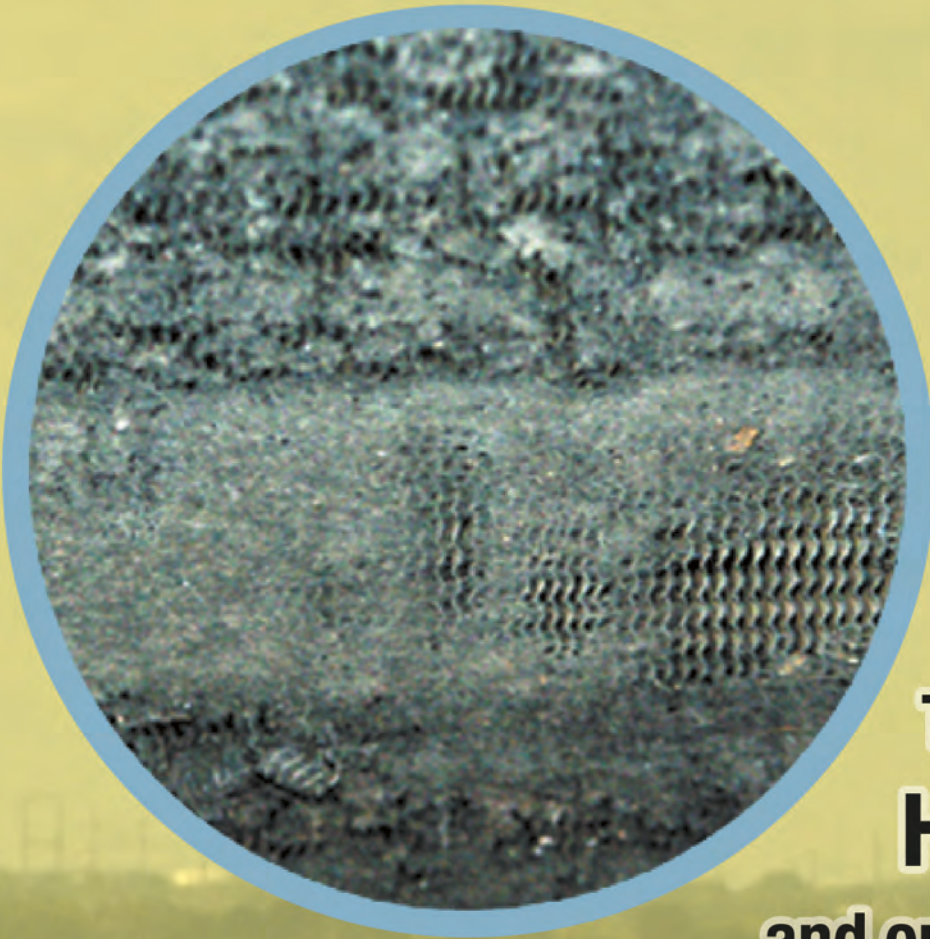
Product Guide



**DON'T LET THE
DIRT DRAGON
DEFEAT YOU!**

**ISO 9001:2000
CERTIFIED**

**Would you expect this to work
at 100% efficiency?
Of course not!**



**That's why you need
Hydro-Balance
and our Top Quality line of
cleaning products,
we make dirt disappear!**

Why Hydro-Balance?

For better results, get a better coil cleaner.

Consider this - the majority of the cost for inferior products is shipping, not the active cleaner ingredients themselves.

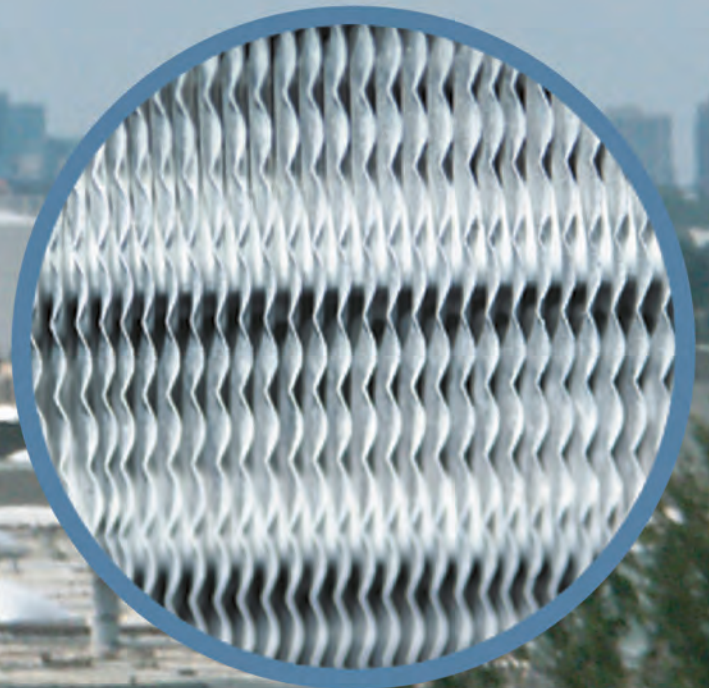
You've heard it before and it's still true – you get what you pay for. It's the same with coil cleaners. Manufacturers of inferior products dilute their cleaners with as much water as they can get away with. The price you pay may seem low – but not when you consider what you are buying isn't cleaning ingredients – it's water!

At Hydro-Balance, we have a more sensible (and we feel honest) approach. We formulate our cleaners with the amount of active ingredients necessary to get the job done – in one application. We figure our customers have more to do than stand around waiting for a coil cleaner to work after the second or third application. Don't you?

When you know the facts, it's just obvious - the pennies more you pay for our products are worth the investment.

HARD WORKING CHEMICALS FOR HARD WORKING PEOPLE.

**Hydro
Balance**



Coil Cleaners



HYDRO-FOAM CONCENTRATE

Acid-Type, Foaming, Air-Cooled Condenser Cleaner & Brightener

- Expanding foam action
- Best for brightening – makes condenser coils look new
- Dilution rates from 2 to 10 parts water
- Must be thoroughly rinsed with water
- Contains hazardous components
Hydrofluoric Acid and Phosphoric Acid
- Outdoor use only, protective gloves,
and eye & face protection required

ITEM NO.	PACKAGE	CASE / ORDER QTY
H-501	1-Gallon	4
H-505	5-Gallon Pail	1
H-555	55-Gallon Drum	1



HYDRO-COIL CONCENTRATE

Self-Rinsing Evaporator Coil Cleaner

- No foaming action – only attacks dirt buildup, not metal
- Dilution rates from 4 to 6 parts water
- U.S.D.A. accepted
- Rinsing not required – normal condensation will carry away dirt and contamination
- May irritate eyes and skin – excessive contact should be avoided

ITEM NO.	PACKAGE	CASE / ORDER QTY
H-401	1-Gallon	4
H-405	5-Gallon Pail	1
H-455	55-Gallon Drum	1



ENVIRO-COIL CONCENTRATE

Evaporator and Condenser Cleaner

- No foaming action – only attacks dirt buildup, not metal
- Environmentally safe – cleans without damage to environment, personnel, or equipment
- Dilution rates: Condensers – 4 parts water / Evaporators – 8 parts water
- Rinsing not required on evaporators – normal condensation will carry away dirt and contamination
- U.S.D.A. accepted
- May irritate eyes and excessive contact should be avoided

ITEM NO.	PACKAGE	CASE / ORDER QTY
H-EC01	1-Gallon	4
H-EC05	5-Gallon Pail	1
H-EC55	55-Gallon Drum	1

ZIP CLEAN

No rinsing required for evaporator coils



- Easy to use aerosol spray cans
- No mixing, no sprayer, no mess
- Ready-to-use
- For evaporator coils – no rinsing required

ITEM NO.	PACKAGE	CASE / ORDER QTY
ZC-02	18-Ounces	12

HYDRO-KLEEN CONCENTRATE

Non-Acid, Foaming, Air-Cooled Condenser Cleaner & Brightener

- Expanding foam action
- Alkaline formulation is excellent on greasy coils
- Dilution rates from 2 to 20 parts water
- U.S.D.A. accepted
- Must be thoroughly rinsed with water
- Contains hazardous component Potassium Hydroxide
- Good ventilation, protective gloves, and eye protection required



ITEM NO.	PACKAGE	CASE / ORDER QTY
H-1101	1-Gallon	4
H-1105	5-Gallon Pail	1
H-1155	55-Gallon Drum	1



ZIP FOAM

- Easy to use aerosol spray cans
- No mixing, no sprayer, no mess
- Ready-to-use
- For condenser coils – must be rinsed with water

ITEM NO.	PACKAGE	CASE / ORDER QTY
ZC-01	18-Ounces	12

BLACK-MAX

Coil Cleaner & Brightener



ITEM NO.	PACKAGE	CASE / ORDER QTY
H-BM01	1-Gallon	4
H-BM05	5-Gallon Pail	1
H-BM55	55-Gallon Drum	1

- Premium grade alkaline – expanding foam action
- Brightens better than normal alkaline cleaners
- Dilution rates from 3 to 40 parts water
- Must be thoroughly rinsed with water
- Contains hazardous component Potassium Hydroxide
- Good ventilation, protective gloves, and eye protection required

Coil Cleaner Bases

Add your own water and save \$\$\$!

- 100% active ingredients
- Super concentrate BASE formulations contain all ingredients to make a coil cleaner suitable for your application – Just add water!
- Versatile BASE formulations save money

- Properly dilute with water according to label instructions before use:
 - 6 to 24 parts water for expanding foam on condenser coils
 - 40 parts water (minimum) for heavy duty cleaning of evaporator coils
 - 80 parts water for electronic filters, blowers, registers and other components
- Excellent on greasy contamination
- U.S.D.A. accepted
- Contains hazardous component Potassium Hydroxide
- Must be thoroughly rinsed with water
- Good ventilation, protective gloves, and eye protection required

ITEM NO.	PACKAGE	CASE / ORDER QTY
H-4X32	32 ounces	6
H-4X01	1-Gallon	4

4-X BASE Coil Cleaner



SELF RINSING BASE Evaporator Coil Cleaner

- No foaming action – only attacks dirt buildup, not metal
- Dilute Self Rinsing Base with 24 parts water – 1 quart makes over 6 gallons evaporator cleaner
- Rinsing not required – normal condensation will carry away dirt and contamination
- May irritate eyes and skin – excessive contact should be avoided

ITEM NO.	PACKAGE	CASE / ORDER QTY
H-SR32	32-ounces	6
H-SR01	1-Gallon	4



HY-9 CONCENTRATE

ITEM NO.	PACKAGE	CASE / ORDER QTY
H-H901	1-Gallon	4

- Concentrated, biodegradable, non-toxic
- Buffered pH - Gentle to skin
- Contains no butyl ether
- Safe for use on HVAC equipment
- Harmless to painted surfaces
- Excellent for cleaning coated coils with expensive anti-corrosion coatings
- Safe on all washable surfaces
- Use full strength or dilute as needed



HY-9 starts working on contact!



EVER-CLEAN COIL COAT

Cooling Coil Anti-Foulant

ITEM NO.	PACKAGE	CASE / ORDER QTY
H-9932	32-ounce Spray	12
H-9901	1-Gallon	4

- Water based anti-foulant for cooling coils
- Forms microscopically thin coating that renders cooling surfaces self-cleaning for up to two years
- Prevents fungus and similar organisms from growing in the coating



COIL & DUCT SPRAY

ITEM NO.	PACKAGE	CASE / ORDER QTY
H-9532	32 ounce Spray	12
H-9501	1-Gallon	4

- EPA registered fungistat, bacteriostat, and germistat for use in HVAC systems
- For use on ductwork, evaporator coils, drip pans and associated air conditioning parts
- Controls microbiological growth and associated odors
- Clean the area, spray thoroughly, and allow to dry



STA-CLEAN

Drain Pan Treatment

ITEM NO.	DESCRIPTION	PACKAGE	CASE / ORDER QTY
CS-50B	Win/Fan & Coil	20-pack Jar	6 Jars
CS-50	Win/Fan & Coil	Each	12
CS-100	Up to 2.5 Tons	Each	12
CS-250	3 to 5 Tons	Each	12
CS-600	6 to 10 Tons	Each	12
CS-1200	Up to 20 Tons	Each	12
CT-200	Tabs	200-Count Jar	12 Jars
H-FTC24	FT/C Size	Each	24
H-CDC06	45-Ton	Each	6

- EPA registered, timed-release control of microbial contaminants in condensate pans
- Kills mold, algae, fungus, and other microorganisms
- Lasts up to 6 months
- Place in drain pan as far from drain as possible



ATOMIST FOGGER

ITEM NO.

H-FG01

- For application of antimicrobial coil and duct treatments

PRE-CLEAN

Coil & Component Parts Cleaner



ITEM NO.	PACKAGE	CASE / ORDER QTY
H-PC01	1-Gallon	4

- For use prior to anti-foulant treatment
- Contains no harsh acids or free alkali
- Effectively removes organic and inorganic contamination from coils
- Leaves no residue



A. & B. - COMMERCIAL GRADE, COMPRESSED AIR SPRAYERS

- Heavy duty, poly construction
- All gaskets and seals made from Vitron™ for maximum chemical resistance
- Built-in pressure relief valve and pressure gauge
- Adjustable poly-nozzle

C. HAND-HELD PUMP SPRAYER

- Rugged poly-construction
- Excellent for smaller jobs
- Adjustable poly-nozzle

D. QUART TRIGGER SPRAYER

- Graduated bottle with dilution ratios
- Super-duty, High volume sprayer

E. MULTI-RATIO FOAM GUN

- Automatically mixes cleaners @ 3:1 to 10:1
- Improves any coil cleaner by increasing contact time

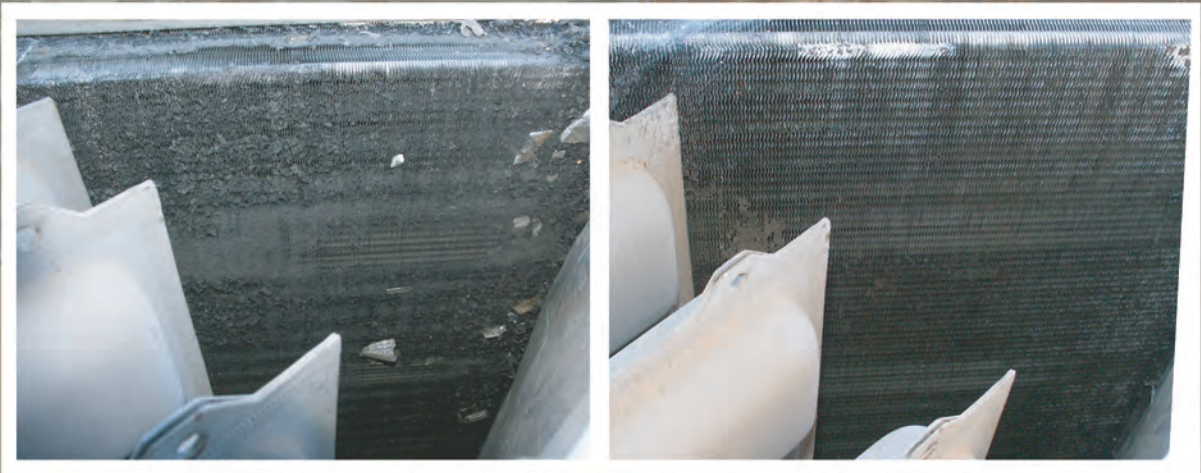
Dirt is the sworn enemy of HVACR equipment. A dirty air conditioner can decrease system efficiency, increase power consumption, increase utility costs, and potentially make building occupants ill.

Attack this problem head-on with quality Hydro-Balance condenser and evaporator cleaners, coatings, and IAQ products. They're formulated to complete the toughest cleaning jobs the first time they are applied!

From coil cleaners, to lubricants, IAQ products to water treatment solutions, Hydro-Balance is your clear choice for HVACR cleaning needs.



Hydro-Balance Dooms the Dirt Dragon



BEFORE

AFTER

Hydro-Balance offers high-quality, high-purity cleaners that get the job done fast – in one application!

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H.B. 30 Ice Machine Cleaner

ITEM NO.	PACKAGE	CASE / ORDER QTY
H-316	16-Ounces	12
H-301	1-Gallon	4

- Removes slime and scale buildup and restores efficiency of ice machines
- Fast acting, non-foaming
- Nickel Safe – Meets Manitowoc spec. GES-6 for ice machine cleaner
- All food-grade ingredients



HYDRO-TREAT

Color Coded Cooling Water Treatment

- Easy to use
- Controls scale and corrosion
- Eliminates complicated testing procedures
- Economical, 1 qt. per 1,000 gal.
- Biodegradable
- No chromates or heavy metals
- Non-volatile

ITEM NO.	PACKAGE	CASE / ORDER QTY
H-901	1-Gallon	4
H-905	5-Gallon Pail	1



HYDRO-CIDE

Biocide for Algae Control in Cooling Towers

- Polymeric quaternary ammonium microbiocide
- Controls algae, iron bacteria, and other slime-forming microorganisms in circulating water systems
- Highly concentrated — use 1□ to 15 ounces per 1000 gallons (45 to 450mL per 3785L) of circulating water
- Non-volatile
- Will not be lost by evaporation
- Use every 5-7 days or as needed to prevent algae

ITEM NO.	PACKAGE	CASE / ORDER QTY
H-701	1-Gallon	4
H-705	5-Gallon Pail	1



HYDROX SCALE REMOVER

Low Foaming

- Safely removes scale from cooling towers, pipes, and condensers without system shutdown
- Highly concentrated, use only 3 gallons per 100 gallons of circulating water
- Reduces head pressure in a matter of hours
- Ideal for use in systems that cannot be shutdown for descaling

ITEM NO.	PACKAGE	CASE / ORDER QTY
H-601	1-Gallon	4
H-605	5-Gallon Pail	1



ULTRA-MAX

Super Scale Remover

- Heavily inhibited Hydrochloric acid scale remover with pH indicator built in
- Descales condensers that have been isolated for cleaning
- Highly concentrated
- When color change does not occur for 1 hour, all possible scale has been removed

ITEM NO.	PACKAGE	CASE / ORDER QTY
H-2001	1-Gallon	4
H-2005	5-Gallon Pail	1



H.B. SYNTHETIC ESTER LUBRICANTS



- Excellent lubricating properties over a wide temperature range
- OEM Approved
- Specially formulated for use with HFC refrigerants

H.B. SYNTHETIC ESTER LUBRICANTS, marketed and packaged by Hydro-Balance Corp., are manufactured by leading producers of synthetic POE refrigeration lubricants. Available in ISO Viscosity Grades: 32, 68, 100, and 220. These lubricants meet the specifications of many compressor and equipment manufacturers including:

Carrier	Blissfield	Hitachi
Carlyle	Bristol	Mycom
York	Climate Control	Tecumseh
Carrier Transicold	Danfoss	
Bitzer	Dunham-Bush	

ITEM NO.	PACKAGE	CASE/ORDER QTY
P-2232	1-Quart	12
P-6832	1-Quart	12
P-22032	1-Quart	12
P-E6832	1-Quart	12
P-E10032	1-Quart	12

ITEM NO.	PACKAGE	CASE/ORDER QTY
P-3201	1-Gallon	6
P-6801	1-Gallon	6
P-22001	1-Gallon	6
P-E6801	1-Gallon	6
P-E10001	1-Gallon	6

- Highly demulsifiable...separates from water in 25 minutes at 180°F
- Loosens dirt and sludge and cleans pump
- Combination of additives makes for true anti-wear lubricant and lengthens pump life
- Anti-rust ingredient protects internal parts
- Convenient flip-top on quart bottle
- Filtered to 1 micron for high purity

ITEM NO.	PACKAGE	CASE / ORDER QTY
H-2600	1-Quart	12
H-2601	1-Gallon	6



VACUUM PUMP OIL

H.B. MINERAL OILS

- High quality naphthenic based lubricants
- OEM approved
- Compatible with CFC and HCFC refrigerants
- Moisture and wax free
- Filtered to 1 micron for high purity



H.B. NAPHTHENIC REFRIGERATION OILS, are manufactured by Calumet Lubricants and packaged under strict quality controls in our ISO 9001 certified facility. These lubricants meet or exceed the specifications of most equipment manufacturers including:

General Electric	Trane
Danfoss	Carrier (Carlyle)
Bristol	White Consolidated
Copeland	Tecumseh

ITEM NO.	VISCOSITY	PACKAGE	CASE / ORDER QTY
H-2301	150 SUS	1-Gallon	6
H-2401	300 SUS	1-Gallon	6
H-2501	525 SUS	1-Gallon	6



H.B. Z-LUBES

Alkylbenzene Refrigeration Lubricants

- High quality reliable lubrication
- High solubility ~ Low foaming ~ Low floc point
- Excellent thermal stability
- OEM approved
- Compatible with CFC & HCFC refrigerants and mineral oils
- Filtered to 1 micron for high purity

H.B. Z-LUBES, packaged by Hydro-Balance Corp. under strict quality controls in our ISO 9001 certified facility. They are manufactured by a leading producer of alkylbenzene lubricants. These lubricants meet or exceed the specifications of most equipment manufacturers including:

Bristol	Danfoss
Carrier (Carlyle)	Tecumseh
Carrier	White
Transicold	Carlyle
Copeland	

ITEM NO.	VISCOSITY	PACKAGE	CASE / ORDER QTY
Z 150 01	150 SUS	1-Gallon	6
Z 200 01	200 SUS	1-Gallon	6
Z 300 01	300 SUS	1-Gallon	6

Specialty Products

SUPER H.D.

Water Soluble Safety Solvent



ITEM NO.	PACKAGE	CASE / ORDER QTY
H-1501	1-Gallon	4
H-1505	5-Gallon Pail	1
H-1555	55-Gallon Drum	1

- Removes tobacco tars, grease, grime, soot, and baked-on residues from electronic filters, refrigeration parts, heating parts, fans, vents, blowers, air ducts, and registers
- Non-flammable
- Dilution rates from 2 to 10 parts water
- May irritate eyes and skin – Excessive contact should be avoided

HY-SOL

Safety Solvent Degreaser



ITEM NO.	PACKAGE	CASE / ORDER QTY
H-1200	1-Gallon	4

- Cleans electric motors, machined parts, coils, switches, breakers, and other components
- Will not harm most electrical insulation
- Leaves no residue

POWER-PAC

Refrigeration Condenser Cleaner



ITEM NO.	PACKAGE	CASE / ORDER QTY
A-4101	18-Ounces	12

- Blasts dirt, grease, and grime from refrigeration condensers
- Ideal for use where water cleanup is difficult
- Non-flammable
- Non-conductive



ENVIRO-SOLV

Non-Chlorinated Degreasing Solvent



ITEM NO.	PACKAGE	CASE / ORDER QTY
H-ES01	1-Gallon	6

- Controlled evaporation is ideal for use in dip tanks
- Cleans electric motors, machined parts, coils, switches, breakers & other components
- Will not harm most electrical insulation
- Leaves no residue

INTERNAL COIL CLEANER

ITEM NO.	PACKAGE	CASE / ORDER QTY
H-CF01	1-Gallon	6

- Environmentally friendly flushing solvent for use after burnouts, for retrofits or compressor replacement
- Safely cleans systems that use CFC, HCFC, and HFC refrigerants and all types of lubricants
- Excellent A/C and refrigeration parts cleaner



LUBRI-TECT

ITEM NO.	PACKAGE	CASE / ORDER QTY
H-3702	2.4 fl. oz.	6

- Neutralizes and scavenges acid and moisture from air conditioning and refrigeration systems
- Use for preventative maintenance and after burnouts
- Safe for system
- No harmful residues
- No by-products
- Suitable for use with all lubricants - mineral, alkylbenzene, and polyol ester





LEAK SEEK

Blue, Spray-type Leak Reactant

ITEM NO.	PACKAGE	CASE / ORDER QTY
SB-32	32-Ounces	12
SB-01	1-Gallon	4

- Pinpoints tiny leaks in pressurized gas systems
- Sprayable, tacky, blue liquid clings to vertical surfaces and the underside of pipes
- Convenient spray for hard to reach areas
- Telltale bubbles indicate leaks
- Non-corrosive, non-clogging



BUBBLE-UP

Leak Detector

ITEM NO.	PACKAGE	CASE / ORDER QTY
B-24	8-Ounces	24
B-1	1-Gallon	4

- Telltale bubbles indicate leaks
- High viscosity, clings to surface



NEUTRONIC™

Odor Neutralizer

ITEM NO.	DESCRIPTION	PACKAGE	CASE / ORDER QTY
H-NT08	Gel	8-Ounces	18
H-NCIT08	Citrus Gel	8-Ounces	18
H-NT01	Gel	1-Pound	12
H-NT03	Gel	3-Pound	4
H-NS16	Spray	1-Pint	12
H-NS01	Spray	1-Gallon	4
H-NFS16	Filter Treatment	1-Pint	12
H-NFS01	Filter Treatment	1-Gallon	4



Neutronic Odor Neutralizer Gel, Original and Citrus

- Easily place gel in return air ducts or wherever foul odors exist

Neutronic Odor Neutralizer Spray

- Spray the ductwork or room as a finishing touch to indoor coil cleaning

Neutronic Odor Neutralizer Filter Treatment

- Treat all filter media with this tackifying spray that increases filter efficiency while neutralizing odors.

SCRUBBIN' WIPES

ITEM NO.	PACKAGE	CASE / ORDER QTY
H-WP75	75-count tub	6



- Powerful, waterless cleaning for many uses
- Aggressive yet gentle cleaning
- Built in skin conditioners
- Prevent cracking and drying while leaving your hands smelling fresh

INSULATING TAPES

- Effectively insulate hot or cold pipes
- Stop condensation and drip
- Firmly adhere to all non-porous surfaces and to itself for multiple wrap applications
- Molds easily around valves and fittings
- Will not shrink or dry out

ITEM NO.	DESCRIPTION	PACKAGE	CASE / ORDER QTY
H-2700	Cork Tape	1/8" x 2" x 30'	12
H-2800	Foam Tape	1/8" x 2" x 30'	12
H-2901	Gum Cord	3/8" x 25'	12
H-2902	Gum Slug	2 lb. slug	24

SEALING GUM

- Easily formed by hand to any shape
- Seals out dust and moisture from joints
- Will not dry out or crack
- Firmly adheres to non-porous surfaces



Specialty Products



HYDRO-THERM PG100

Non-Toxic HVAC Anti-Freeze Solution

ITEM NO.	PACKAGE	CASE / ORDER QTY
H-801	1-Gallon	4
H-805	5-Gallon Pail	1
H-855	55-Gallon Drum	1

- Easy to use
- Unique testing procedure
- PG100 Test Strips determine adequate freeze & corrosion protection
- 70% propylene glycol based heat transfer fluid for maximum freeze protection
- Dilute as needed for freeze protection level desired
- Contains a food-grade corrosion inhibitor package specially designed for HVAC systems
- Burst protection to -100°F (-73°C)
- Freeze protection to -60°F (-51°C)

SWAT

Bee and Wasp Killer

ITEM NO.	PACKAGE	CASE / ORDER QTY
H-214	14-Ounces	12

- Fast acting
- Kills wasps, bees, and hornets on contact
- 20-foot stream provides a safe point of attack
- Dielectric strength over 40,000 volts



FIN PROTECTANT

Condenser Coil Coating

ITEM NO.	DESCRIPTION	PACKAGE	CASE / ORDER QTY
A-7901	Blue Tint Aerosol	18-Ounces	12
B-7901	Blue Tint	1-Gallon	4
B-7900	Clear	1-Gallon	4



- Ideal for use on air-cooled condensers located in corrosive environments such as paper mills, chemical plants, airports, adjacent to freeways, and salt air areas
- Acrylic polymer coating protects aluminum, copper, brass, bronze, chrome, galvanized metal, titanium, and stainless-steel
- Economical and easy to apply in the field
- Easy to use aerosol or 1-gallon can for larger jobs



WIN THE FIGHT OVER DIRTY AIR!



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