

## Nu-Calgon Training Flyer

---

One of the companies we purchase from is Nu-Calgon. Nu-Calgon distributes a complete line of specialty chemical products. These include coil cleaners, descalers, and aerosol products as well as products for water treatment, ice machine maintenance, and other specialty applications. This flyer will serve to briefly cover some of the main types of products we stock from Nu-Calgon.

Reading the [AC Training Flyer](#) before reading this may help with some of the terminology on this flyer.

### **Nu-Foam:**

---

Nu-Foam is an expanding foam that is used as a sealant and an insulating product. It is designed to seal, fill and insulate small cracks, gaps and voids.

It can be used to seal and insulate areas such as openings created for refrigeration, air conditioning and heating tubes or pipes, duct joints, utility penetrations in exterior sheathing, masonry, concrete or wood walls, and other areas where unwanted air penetration might occur.

Its R-Value is 4.9 per inch thick making a very good insulator in most any application and can even provide sound-deadening. Item 217991.



### **Smoke Signal Candles:**

---

Smoke Signal Smoke Candles generate smoke by chemical reaction eliminating costly equipment and time to pinpoint leaks. The smoke signal we stock, the CAS60 produces 8000 cubic feet of smoke in 60 seconds but they are available up to 40,000 cubic feet.

Smoke tests will effectively and inexpensively reveal leaks in heating and air conditioning duct work, furnaces, fire boxes, exhaust fans and smoke detectors. Smoke Signal is also excellent for observing air flow patterns, evaluating exhaust systems and testing smoke detectors. Smoke Signal items contain no explosive materials. Item 217998.



### **Condenser Coil Cleaner:**

---

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

This high performance aerosol product offers maximum cleaning of condenser coils. The high solvency formula and blasting nozzle powerfully separates the undesirable materials from the surface.

Be sure you have adequate ventilation when using Nu-Blast. Item 217982.



\*For more on Condenser Coils see the [AC Training Flyer](#).

## Nu-Calgon Training Flyer

### Evaporator Coil Cleaner:

---

Evap Foam “no rinse” is a high performance, heavy duty no-rinse product. It can clean most coils but is best suited for evaporator coils.

Evap Foam will liquefy dirt, grease, oil, and other residues quickly and easily. Simply spray Evap Foam on the coil and the foam will wash the emulsified matter off. The aerosol product is NSF registered for use as a coil cleaner in and around food processing areas, and helps leave the area deodorized with a pleasant lemon scent.

\*For more on Evaporator Coils see the [AC Training Flyer](#).



### Vacuum Pump Oil:

---

One tool used by contractors is a vacuum pump. This is a pump that is used to create a vacuum in a system; a common example would be removing the air and moisture from inside AC Systems and refrigeration lines.

The motors in these pumps use oil to stay lubricated that regularly needs replenished. Nu-Calgon makes vacuum pump oil that lubricates to minimize wear and provide surface protection. Pump Item: 018537 Oil Item: 217994



### A/C System Leak Seal:

---

A/C Leak Seal is designed to prevent, as well as repair, leaks anywhere in the system, including condensers, evaporators, copper lines, and soldered joints. It is easily injected into the system, traveling with the refrigerant, searching for leaks.

A/C EasySeal will react with moisture or air that is naturally present at a leak, forming a secure seal. Item 217995. (Also 180111 under Clight)



### PurCool Strip for Condensate Pans:

---

The Evaporator Coil in an AC system causes moisture to condense out of the air onto the coil. The condensate is collected in a pan and drained. Over time slime and sludge can build up and cause poor drainage. Purcool strips are placed directly in the condensate pan and help prevent this for up to 6 months. Item: 223703



### A/C Renew:

---

A/C Re-New, has been used for many years to improve the performance of air conditioning and refrigeration systems. Over time Refrigeration Oil in the refrigerant can form a film on the inside of coils and refrigeration lines. A/C Renew is a lubricant that blends with the system’s oil, preventing the filming and improving lubrication throughout the system. The increased lubrication improves efficiency by improving heat transfer through coils. Item 218007.



## ***Nu-Calgon Training Flyer***

### ***New Product: Ice Machine Cleaner:***

---

The number one category of problems troubling an ice machine are water-related, and the most frequently is lime scale. As the scale begins to form, it creates a physical obstruction that results in: plugged distribution holes, restricted water flow and eventually the ice maker will hang-up or jam. Ice harvest is reduced and eventually the machine will shut down, requiring service.

Because Nu-Calgon Ice Machine Cleaner is 75% phosphoric acid content, it is the most concentrated ice machine cleaner in the market. Item 240777.



### ***Next Steps and a Couple Questions:***

---

Nu-Calgon markets and distributes many of other types of products. This flyer has only covered our current biggest movers. Nu-Calgon has many videos online detailing their products. The first next step is to the link below to watch some of them.

<http://www.nucalgon.com/videos>

Also available is a site to watch classes and take quizzes to earn NATE points. These are continuing education courses for HVACR Professionals. You can sign up at the link below.

<http://www.nucalgon.com/log-in?status=failed>

Also available are presentations with no quizzes on a wide range of applications their products are involved in. These are broken into multiple Chapters for easy progression.

<http://www.nucalgon.com/presentations>

TRUE or FALSE: PurCool Strips are used in the pan beneath the condenser coil to help stop sludge build up.

TRUE or FALSE: NuFoam is not only a good insulator but can also help to deaden sound.

TRUE or FALSE: Vacuum Pump Oil is used in the compressor of an AC system.