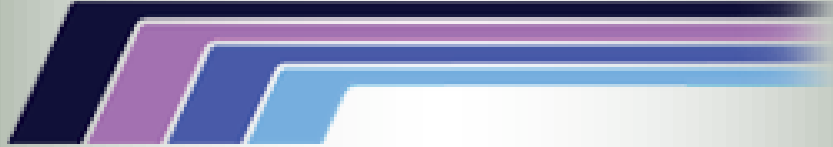


Cloud

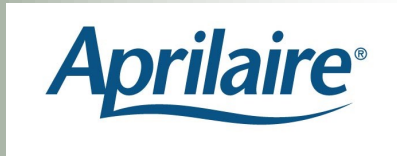
Heating & Air Conditioning



Proudly serving Lawrence, Kansas residents since 1970

2016-2017

**Products & Equipment
for Safety, Home Comfort,
Efficiency & Convenience**



www.cloudhvac.com

785-842-2258



THERMOSTATS

Honeywell



Prestige IAQ

Prestige is the world's first high-definition, full-color thermostat that redefines how a thermostat can look and what a thermostat can do. And, as part of the Prestige Comfort System, the Portable Comfort Control gives you the freedom to control your comfort from every room. There's simply nothing else like it.

The Cool Factor

- **High-Definition, Full Color Display**– visual clarity of the display is 3 times better than typical thermostats
- **Graphics**- uses a graphical user interface to display information in a way that's easy to understand
- **Simple Touchscreen Technology**– no hidden doors or complex buttons
- **User Friendly**- consumers rated it 10 times easier to use than other thermostats
- **Temperature Control on Demand**– sense and make adjustments from anywhere in your home

The Brains

Prestige Comfort Systems have Honeywell RedLINK technology inside - giving you endless possibilities for controlling and monitoring comfort inside your home with our lifestyle enhancements like the Portable Comfort Control

The Convenience of Humidity Control

Prestige eliminates wall clutter by controlling both temperature AND humidity. You'll appreciate having only one control on your wall just as much as you'll like using the sliding humidity control on the Prestige Comfort System.

The Savings Pays for itself





On average, heating and cooling costs make up 50% of your utility bill, and we all know that energy costs keep skyrocketing. Because the Prestige Comfort System automatically manages your home's temperature to maximize savings, you can cut annual heating and cooling costs by up to 33% - or by \$200 or more each year. That's thousands of dollars over the life of the thermostat that costs just pennies a day to own and operate.

The Freedom Comfort Control That Goes Where You Go

The Portable Comfort Control is the most convenient approach to managing comfort and energy usage within your home. Because it senses temperature wherever it goes, it gives you the freedom to make adjustments from anywhere in your home to be comfortable in the rooms where you live.

THERMOSTATS

Honeywell Prestige options and pricing

		Investment Cost Installed
	Prestige IAQ Base Unit	\$559.00
	Personal Comfort Station	\$179.00
	Wireless Outdoor Sensor	\$99.00
	RedLINK Internet Gateway	\$199.00

(5 year warranty)

Other Honeywell Thermostats



	8000 Wi-Fi	6000 Wi-Fi	6000	5000
Digital display	X	X	X	X
Programmable	X	X	X	
Heat pump compatible	X	X	X	
Multi stage	X	X	X	
Wi-Fi compatible	X	X		
Dual fuel compatible	X			
Touchscreen	X			
Warranty	5 year	5 year	5 year	5 year
Investment Cost Installed	\$384.00	\$284.00	\$227.00	\$160.00

HUMIDIFIERS



	Aprilaire 800 Steam (BEST)	Aprilaire 700A (BETTER)	Aprilaire 600A (BETTER)	Aprilaire 700M (GOOD)	Aprilaire 600M (GOOD)
Humidity source	Steam	Evaporative	Evaporative	Evaporative	Evaporative
Digital display	Yes	Yes	Yes	No	No
Capacity	Up to 23 gpd	18 gpd	17 gpd	18 gpd	17 gpd
On-demand humidity	Yes (Best)	Yes	Yes	No	No
Maintenance	Canister*	Water Panel	Water Panel	Water Panel	Water Panel
Brings on blower with humidity call	Yes	Yes	Yes	No	No
Electrical	240v	120v	24v	120v	24v
Automatic humidity control	Yes	Yes	Yes	No	No
Warranty	5 year	5 year	5 year	5 year	5 year
Investment Cost Installed (on allowable installations)	\$1499.00 plus electrical **	\$749.00	\$669.00	\$629.00	\$549.00

* Replacement canister cost is \$99.00

** Electrical cost can vary depending on the install. Ask your technician for an estimate.



Your home could be as dry as the Sahara Desert!

Relative Humidity (RH) indicates the amount of water vapor, in percent, actually in the air compared to the maximum amount that the air could hold under the same conditions. The warmer the air, the more moisture it can hold.

Air in the home heated to 70° F can hold about eight grains of moisture per cubic foot. That is 100% RH. If there are only two grains per cubic foot in the home, this is 1/4 of the air capacity or 25% RH.

So, what happens to the air when it's heated? Your furnace will bring in outdoor air to be heated. During the winter months it's very common to find outdoor RH at 70% and air temperature at +10° F. When this air is heated to 70° F, the indoor RH drops to 6%, this is similar dryness to desert conditions. The only solution is to add water vapor to the air – humidification.

UPGRADES

Compressor Saver



- * Prolongs the life of the compressor and its components
- * Can reduce light dimming
- * Protects Compressor against power flickers
- * Protects from high amp draw at startup

Investment Cost Installed \$185.00

A/C Easy Seal



- * Prevents refrigerant leaks and seals existing leaks in air conditioning systems
- * Eliminates expensive leak repairs
- * Travels with the refrigerant to find leaks fast
- * One can treats up to a five ton unit

Investment Cost Installed \$150.00 per can

SURESWITCH ANT PROOF CONTACTOR



- * Sealed relay to keep out ants
- * Protects compressor from brownouts and short cycling
- * Zero chatter latching relay
- * 5 year warranty



Investment Cost Installed \$215.00

Evergreen High Efficiency ECM Motor



Check it out at

<http://www.genteqcomfort.com>



- * Uses 30%-50% less energy than PSC motors
- * Can save the average homeowner up to \$300 a year with continuous fan operation
- * Quietly ramps up to its high setting
- * Replaces most outdated PSC heating and cooling motors
- * Better indoor air quality and comfort

Investment Cost Installed Up to 1/2hp - \$674.00

3/4hp to 1hp - \$749.00

PEACE OF MIND & SAFETY

Water Damage Prevention Kit



- * Detects water leakage around furnace area
- * Shuts down HVAC system
- * Sounds audible alarm (optional)
- * Prevents expensive water damage and dangerous electrical situations

Investment Cost Installed with alarm \$175.00, without alarm \$139.00

Condensate inspections and cleanings are always a good idea, but are not always sure proof. The water damage prevention kit is the best way to prevent water damage to your home.

HVAC System Surge Protection



- * These units are designed to dissipate the damaging effects of momentary voltage spikes or other transient power surges, including lightning
- * Designed specifically for HVAC systems
- * Helps protect some of the most expensive operating equipment in your home
- * Comes with a 3 year product warranty and a \$7500 connected device warranty
- * In order to protect both the furnace and air conditioner, one must be installed on each piece of equipment

Investment Cost installed \$159.00

Duct Mount Smoke Detector



- * Designed to prevent re-circulation and spread of dangerous smoke by shutting down the fan on your HVAC system when smoke is detected
- * Flashing LED on detector head indicates normal operation
- * Includes audible alarm with test key
- * Alarm has ample volume to ensure that it is heard throughout the entire home
- * Thirty day warranty

Investment Cost Installed \$430.00

Protect Your Entire Family!



WITH NSI'S PROFESSIONAL GRADE

LOW-LEVEL

CARBON MONOXIDE MONITOR

Scan here to
learn more!



TRUE PROTECTION FOR ALL AGES!

- * Provides protection for all age groups and conditions, especially infants, children, the elderly, and highly sensitive or ill people. Other detectors barely provide minimal protection for healthy adults.
- * Lets you know there's a problem before reaching dangerous, even deadly CO levels, long before the other detectors even begin to work.
- * NSI's Model 3000 Monitors employ the same electrochemical sensor technology found in professional CO Analyzers that cost thousands of dollars. These monitors are calibrated using CO, not electronic guesswork!

What about the other "detectors" sold at retailers and home centers?

Store-bought detectors don't alarm until unsafe levels of 70 ppm or higher are present at the unit for 3-1/2 hours! By then it may be too late. Plug-in models don't always allow for proper placement and don't work during power outages. The NSI 3000 is battery powered for 24/7 protection.

Why do I need a low-level monitor?

The NSI low level monitor senses CO levels as low as 5 ppm (parts per million). Infants, children, elderly, persons with respiratory or heart ailments are provided little or no protection from deadly CO with standard alarms. Long term exposure to Low-level CO above 15 ppm can cause illness and even permanent disabilities.

Why is the NSI 3000 more expensive than the others?

Accurate, low-level CO detection requires more expensive components & quality control. NSI 3000 CO monitor uses the same technology and sensors as in professional-grade CO analyzers used by contractors, fire departments, and utilities. And NSI's unique Continuous Scan™ mode lets you know the monitor is operational 24/7!

The NSI 3000 Offers Real Protection:

- Continuous Scan™ mode lets you know monitor is checking for CO – 24/7
- Digital display shows CO levels of 5ppm or higher
- Low Alarm - 15 ppm - audible & visual every 8 seconds
- High Alarm - 35 ppm - audible & visual every 4 seconds
- Crisis Alarm - 70+ ppm - audible & visual every 2 seconds
- 5-minute "Hush" button for levels below 70 ppm
- Designed for wall installation or tabletop use
- Replaceable 9V battery ensures operation even when power is out
- 5-Year limited Warranty



Investment Cost Installed \$189.00

The City of Lawrence Code states the following for homes where work requiring a permit occurs: If the dwelling has an attached garage, and/or fuel-fired appliances, there must be an approved carbon monoxide alarm installed outside each separate sleeping area in the immediate vicinity of the bedrooms.

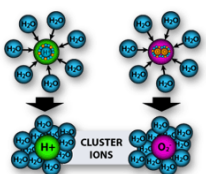
INDOOR AIR QUALITY

ARE YOU SEARCHING FOR A SOLUTION TO IMPROVE YOUR INDOOR AIR QUALITY?

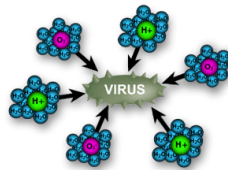


**GLOBAL PLASMA SOLUTIONS' GPS-2400 IS WHAT YOU NEED!
OUR PATENT PENDING TECHNOLOGY HAS BEEN
3RD PARTY TESTED AND PROVEN TO REDUCE OR ELIMINATE VIRUS,
BACTERIA, MOLD, ALLERGIES, DUST, SMOKE AND ODORS**

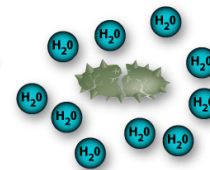
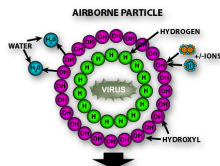
Plasma has many benefits. GPS' technology produces natural, friendly, oxidizers that seek out contaminants and odors in the space. The plasma, when produced and injected into a moving air stream, breaks down gases to harmless compounds prevalent in the atmosphere such as oxygen, nitrogen, water vapor and carbon dioxide. In addition to the reduction of gases and odors, plasma also reduces particulates and kills mold, bacteria and virus in the space.



The plasma clusters are drawn to airborne particles by their electrical charge. Once the cluster is formed around the particle, the particle grows larger by attracting nearby particles and increases the filtration effectiveness.



Plasma travels with the air flow and surrounds the pathogens (See Figure 1), confirmed by EMSL Labs. Next, the plasma robs the pathogens of the hydrogen necessary for them to survive (See Figure 2). During the final step, the plasma eliminates hydrogen from the pathogen and then the cleansing process is complete, making the airborne virus, bacteria or mold spore inactive (See Figure 3).



The GPS-2400 Fits Inside Any System!

There are no bulbs to replace EVER!

3 Year Warranty!

Scan here for more information about Global Plasma Solutions



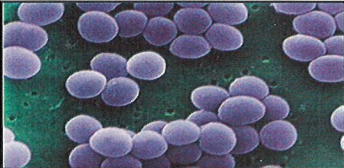




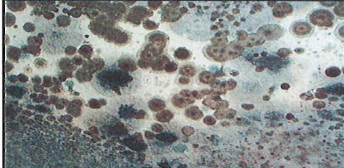

Did you know GPS' independent testing shows Cold Plasma kills 99.6% of contaminants in less than 15 minutes in the living space?

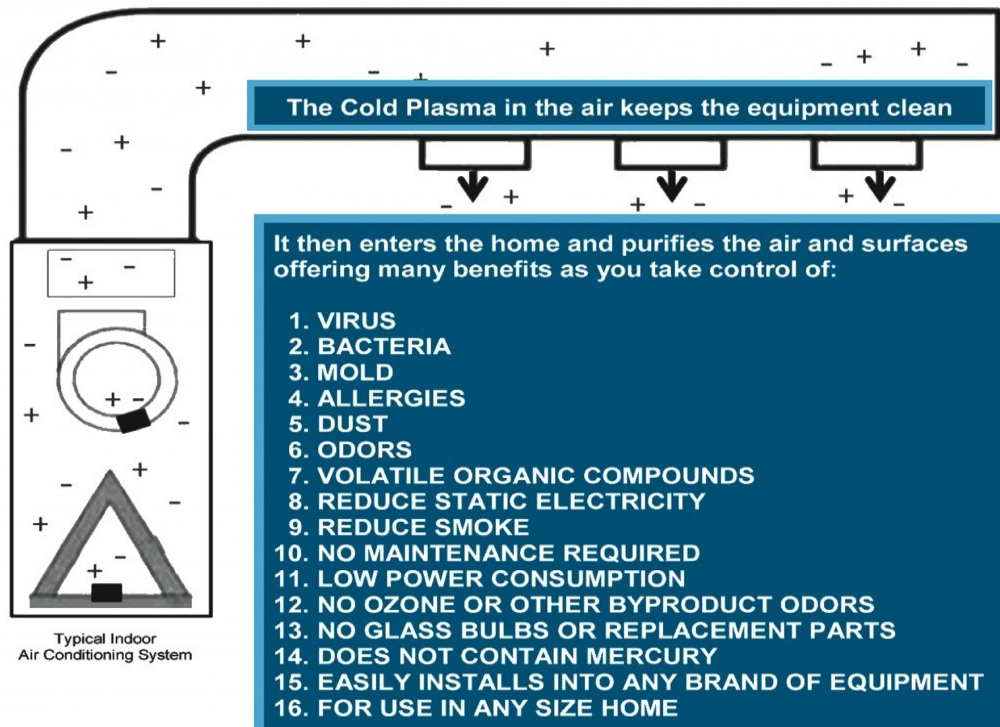
Investment Cost Installed \$685.00



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Labs is an Elite rated laboratory by The Center for Disease Control and they have tested the effectiveness of Global Plasma Solutions' products against the pathogens listed below. All testing was done in a large environmental chamber, in an effort to simulate your home. The testing resulted in very high kill rates "in the space," which are shown below:

	STAPH	About 25% of people normally carry Staph in the nose, mouth, genitals, or anal area. The foot is also very prone to picking up bacteria from the floor. One type of Staph infection that involves skin is called cellulitis and affects the skin's deeper layers.	STAPH - Reduced 96.24% After 30 minutes of the GPS Purifier Activation
	MRSA	MRSA is a "Staph" germ that does not get better with the first-line antibiotics that usually cure Staph infections. Once the Staph germ enters the body, it can spread to bones, joints, the blood, or any organ, such as the lungs, heart, or brain.	MRSA - Reduced 96.24% After 30 minutes of the GPS Purifier Activation
	E. coli	E. coli is commonly found in the lower intestine of warm-blooded organisms. Most E. coli strains are harmless, but some serotypes can cause serious food poisoning in humans	E. Coli - Reduced 99.68% After 15 minutes of the GPS Purifier Activation
	CLOSTRIDIUM DIFFICILE (C. diff)	C. diff bacteria naturally reside in the gut and some people accidentally ingest spores of the bacteria while they are patients in a hospital, or similar facility. The bacteria release toxins that can cause diarrhea, with abdominal pain, which may become severe. In rare cases this can progress to a life-threatening condition.	C. diff - Reduced 86.87% After 30 minutes of the GPS Purifier Activation
	TUBERCULOSIS (TB)	TB most commonly affects the lungs but also can involve almost any organ of the body. Many years ago, this disease was referred to as "consumption" because without effective treatment, these patients often would waste away. Today tuberculosis usually can be treated successfully with antibiotics.	TB— Reduced 69.01% After 60 minutes of the GPS Purifier Activation
	AIRBORNE MOLD SPORES	Airborne mold spores are invisible to the eye, and they can easily flow through different areas of the home, especially heating and cooling system ducts. Health problems associated with high levels of airborne mold spores - allergic reactions, asthma episodes, irritations of the eye, nose and throat, sinus congestion, and other respiratory problems.	The Indoor Environmental Standards Organization has tested the effectiveness of GPS Products against AIRBORNE MOLD SPORES which were reduced 99.5%  Indoor Environmental Standards Organization



INDOOR AIR QUALITY



Scan for a full six page brochure



UVPhotoMAX™

Whole House UVC Germicidal and Odor treatment for HVAC systems

•Germicidal UVC light to disinfect the air

The UVPhotoMAX™ air purifier uses UV light to kill millions of airborne bacteria and viruses (including the flu). UV is a well known disinfectant, used since the 1930s in hospitals, doctors offices, pharmacy and food industries as well as water treatment. It simply inactivates microscopic organisms, rendering them harmless. It leaves no by-products and uses no chemicals. UV is a component of sunlight—nature’s way of controlling airborne microorganisms.

•Relief for allergy sufferers

ReFresh™ advanced oxidation breaks up and destroys airborne mold and other allergens, too. When the optional EZ-Light™ is installed and connected to the UVPhotoMAX base unit, airborne mold allergen caused by the typically moldy HVAC coils is *dramatically* reduced.

•ReFresh™ system destroys odors

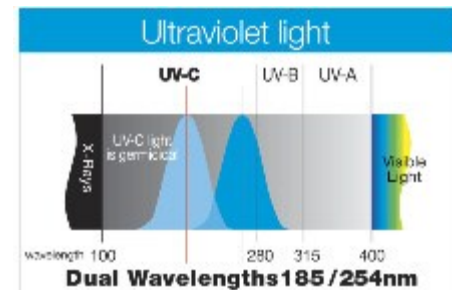
At the heart of each UVPhotoMAX is the Ultravation® ReFresh™ advanced oxidation photocatalytic reactor, controlled by the Photon Clarifier*** for optimizing performance. Hundreds of odors from pets, foods, cooking, trash and garbage, paint, carpet, cleaning agents, plus musty, damp smells from mold and mildew are broken down. All organic odors (from VOCs*) are treated.



UVPhotoMAX installs in your HVAC system to improve indoor air quality (IAQ). It treats the air for bacteria, viruses, allergens, and odor contamination.

10-year system warranty

(UVLampMonitor equipped models. Excludes UV Lamps)



UVPhotoMAX™ uniquely uses two wavelengths of UV-C light to kill germs and destroy odors.

Investment Cost Installed **\$849.00**

Replacement Lamp Cost **\$115.00**



We are proud to be the first NATE certified HVAC company in Lawrence. This is just one more reason why we are an industry leader in the HVAC field.

WHAT IS NATE?

NATE stands for North American Technician Excellence. It is the leading non-profit certification program for technicians in the heating, ventilation, air-conditioning and refrigeration (HVAC/R) industry and the only test supported by the entire industry.

WHY SHOULD YOU CHOOSE A NATE CERTIFIED SERVICE PROVIDER?

- ♦ **Lower utility bills through proper installation and maintenance**
- ♦ **Fewer callbacks and warranty returns**
- ♦ **Fast, efficient service**
- ♦ **Job done right the first time**
- ♦ **Equipment that runs at peak efficiency**
- ♦ **Advice & knowledge of skilled, certified technician**
- ♦ **Greater peace of mind**

From air conditioning and heating installer certifications to residential and light commercial maintenance, NATE technicians are the best in the business.

EQUIPMENT



We carry a full line of Trane products

- * Furnaces and Coils
- * Air Conditioners
- * Heat Pumps
- * Air Handlers
- * Air Cleaners & Filters
- * Communicating Systems
- * Geothermal
- * Packaged Units

Ask your technician how to set up an appointment with one of our Installation Specialists. Find out more about how Trane products could save you money!

We also offer full lines of....



Financing on New Equipment

- * 12 month Same as Cash with regular monthly payments
- * Reduce your utility bills by investing in a High Efficiency air conditioner and furnace
- * Manageable monthly payments through financing make it possible to build the best system for your household
- * Go to our website and become prequalified

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