



**COVER**

> Commercial Maintenance  
Tips



**PAGE 2**

> Gary's Corner  
> Heating Safety Tips



**PAGE 3**

> Indoor Air Quality



**PAGE 4**

> Recipe: Chicken Pie

## Commercial Maintenance Tips

Diversified Refrigeration recommends implementing a preventive maintenance program to keep your refrigeration equipment running at peak performance. Routine maintenance should be performed at least twice a year.

By implementing a routine maintenance program, you save on energy, repair costs and extend the life of your equipment.

These simple maintenance tips can guard against equipment failure and reduce the chances of emergency



**Remember – HVAC Preventative  
Maintenance Programs save you money!**

Preventive maintenance guidelines should include the following:

- ✓ Check and clean coils (Degrease if necessary)
- ✓ Check refrigerant and oil levels
- ✓ Check safeties
- ✓ Check electrical connections
- ✓ Check splits
- ✓ Check defrost timer and heaters
- ✓ Check and clean drains and drain pans
- ✓ Oil motors
- ✓ Check door gaskets
- ✓ Check/change belts and pulleys
- ✓ Check amps
- ✓ Check stat
- ✓ Check box thermometer



## CORNER

By Gary Derr

GARY'S



*Hi All. With everything going on in the country, I thought it would be a good time for everyone to review a list of the Bill of Rights. It seems as though a lot of people forget just how wise our founding fathers were and what they did makes perfect sense today. Enjoy and remember. Thanks.*

### The Bill of Rights\* – Ratified December 15, 1791

#### Amendment I

Congress should not say that the nation has only one religion, or tell people they cannot practice a religion of their own choice; it should not tell people what to say or what to write in the press; it should not tell people they can get together to protest peacefully, and to write to the government to complain about a decision that has been made.

#### Amendment II

The right for the government to organize an army, and for individual citizens to own and use guns, should not be taken away.

#### Amendment III

No soldier, when there is peace, should live in a house without the owner saying it's okay. If there is a war, then the soldier needs to follow the law about living in other people's houses.

#### Amendment IV

Search warrants (specific permission) shall be necessary for any search of a person's house or belongings. Officials must present good evidence as to why the warrant should be given.

#### Amendment V

The rights of a person accused of a crime must include an official statement about the crime, and a person may not be tried twice for the same specific criminal incident. All of the steps of the must be followed in order to punish a person or take away their property.

#### Amendment VI

A person accused of a crime has the rights to a fair trial by a jury, to question witnesses for or against him or her, and to be provided a lawyer if he or she cannot afford one.

#### Amendment VII

In civil suits (not criminal) that involve property more than twenty dollars, a jury trial may be requested.

#### Amendment VIII

Bail should never be set too high, and punishments should never be cruel and unusual.

#### Amendment IX

Any right not listed in the Bill of Rights is not necessarily denied to the people.

#### Amendment X

Any power not given to the United States or to the individual states is reserved for the people.

*\*Plain Text Version*

## Heating Safety Tips

### Heating Safety

There is something about the winter months and curling up with a good book by the fireplace. But did you know that heating equipment is one of the leading causes of home fire deaths? With a few simple safety tips and precautions you can prevent most heating fires from happening.

### Be Warm and Safe this Winter!

- Keep anything that can burn at least three feet away from heating equipment, like the furnace, fireplace, wood stove or portable space heater
- Have a three-foot "kid-free zone" around open fires and space heaters.
- Never use your oven to heat your home.
- Have a qualified professional install stationary space heating equipment, water heaters or central heating equipment according to the local codes and manufacturer's instructions.
- Have heating equipment and chimneys cleaned and inspected every year by a qualified professional.
- Remember to turn portable heaters off when leaving the room or going to bed.

- Always use the right kind of fuel, specified by the manufacturer, for fuel burning space heaters.
- Make sure the fireplace has a sturdy screen to stop sparks from flying into the room. Ashes should be cool before putting them in a metal container. Keep the container a safe distance away from your home.
- Test smoke alarms monthly.

### Heating Equipment Smarts

Install wood burning stoves following manufacturer's instructions or have a professional do the installation. All fuel-burning equipment should be vented to the outside to avoid carbon monoxide (CO) poisoning.

Install and maintain CO alarms to avoid the risk of CO poisoning. If you smell gas in your gas heater, do not light the appliance. Leave the home immediately and call your local fire department or gas company.





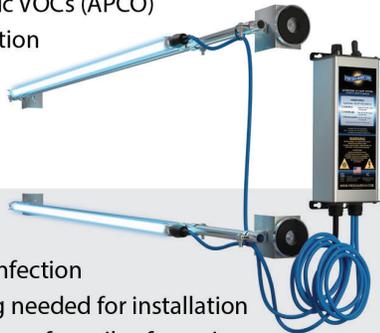
# Prepare Your Facility With Advanced Indoor Air Quality Solutions

Germicidal UV-C Light is now widely used in healthcare, K-12, and higher education facilities to maintain a healthy indoor environment by preventing the spread of airborne infectious diseases, mold, and other pathogens. UV-C technology is a greener, more cost-effective, alternative to chemical disinfection.

UVC light has been tested and proven effective for surface and air disinfection. With over 1 million installations world-wide, Fresh-Aire UV is the leading global provider of disinfection systems for commercial, institutional and healthcare facilities.

## Benefits of UV-C light HVAC disinfection:

- Inactivates airborne pathogens as they circulate through the facility
- Extends life of HVAC system
- Improved Indoor Air Quality
- Energy savings & reduced maintenance costs
- Neutralize odors & toxic VOCs (APCO)
- Chemical-free disinfection
- No harmful ozone



### Blue-Tube XL

- Chemical-free coil disinfection
- Kit includes everything needed for installation
- Multi-lamp configurations for coils of any size
- 2 year UV-C Lamps 18", 24", 32", 46", 60"
- LIFETIME warranty for all parts except lamp

### Mini UV LED

- Sterilizes mold on mini-split blower
- 5 year UV LEDs
- Safe for eyes & plastic parts

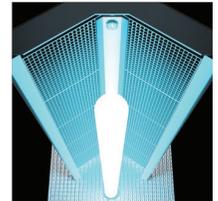
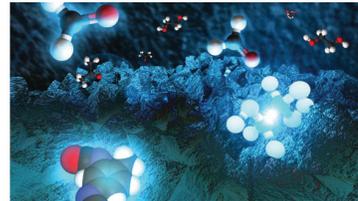


### Tight-Fit Kit

- Coil disinfection for PTACs & fan coils
- Low-profile UV-C lamp with magnet mount



UV-C light keeps coils free of mold



APCO® technology neutralizes odors & toxic VOCs

### APCO® Technology

- Coil & air disinfection & odor/VOC control
- APCO-X for duct-mount applications
- APCO Mag for internal mount & RTPUs
- Neutralize gas-phase contaminants
- UL validated ozone-free
- LIFETIME self-cleaning carbon cells



### Ice UV

- Effective against mold, bacteria & viruses
- Continuous ice machines cleaning
- Reduces health risks & liability
- Savings on cleaning & maintenance



### Purity Low Profile

- Polarized air cleaner replaces 1" filter
- Low static pressure saves energy
- Captures 97% of >.3 microns (.00001 inch)



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## Recipe

### Chicken Pie

#### Ingredients:

- 4 boneless chicken breasts - cooked & diced
- 5 potatoes - peeled and diced
- 1 small onion - diced
- 2 stalks of celery - diced
- 1 Tbs parsley flakes

In a 3 quart pot, cook diced potato, onion and parsley with water. Add salt and pepper. Cook until soft. Add some milk. Add cooked diced chicken.

Put into double crust pie shell. (Put onto a cookie sheet in case it cooks over)

Bake at 375° for 45 - 60 minutes until brown.

Serve with warm milk.

