

Creating the home you've been dreaming of!

DOING IT RIGHT

With help from D4 Construction

Vol. 4 #6



Did you know that your indoor air quality can be as much as 100 times more polluted than the worst outdoor air?

Your 2nd Line Of Defense -

The UV Light

This month we'll look at your second line of defense - the UV light. This relatively inexpensive addition to your home can be easily installed into your hot air furnace where it'll help clear your home's air from molds, bacteria, etc.

What is UV light?

UV or ultraviolet light comes in 3 distinct forms or bands:

- ⇒ UV-A: is most commonly known as black light
- ⇒ UV-B: this is the band that causes sunburn
- ⇒ UV-C: this band is the one we're looking for as it has proven very effective in microbial control

It's this band, UV-C, and its ability to control microbial overgrowth that we'll be discussing today.

How's your air quality?

Ever wondered why you and your family seem to get sick more often during the winter than in summer? The answer is in the air in our homes.

Did you know...

Indoor air quality is, more often than not, 2-5 times and sometimes 100 times more

polluted than the worst outdoor air - and to think we spend an average of 90% of our time in this unhealthy environment.

Is it any wonder that we're feeling run-down or sick so much of the time?

During winter (and with the advent of air conditioning - during the summer now too) we tend to keep our windows tightly shut while our forced air heater or A/C continues to recirculate stale air - filled with bacteria, molds, yeasts and viruses - throughout our home.

This furnace or A/C provides the perfect environment for the growth and broadcast of these germs, mold, bacteria, toxins and gases. Just one gram of duct dust can contain up to 50,000 bacteria.

The longer we go without refreshing the air the more concentrated these airborne contaminants become causing increasing cases of allergic reactions, asthma, upper respiratory problems, and a large list of various illnesses. Studies show that 1 out of 6 people suffer from allergies because of the fungi and bacteria in air duct systems.

Poor indoor air quality is a problem that affects everyone - improving air quality is not really an option, but a must, if we're ever to enjoy a full, happy and healthy life.

So how does a UV light work?

The air in your home passes through your

Doing it Right

furnace and over the UV-C lights several times an hour along with all of the airborne contaminants. The UV-C energy will attack the organism's DNA and either destroy it immediately or prevent it from reproducing rendering them harmless.



*Hospitals
have been
using UV
lights for their
germ killing
properties for
many years...*

The UV light system...

Using a UV light system will:

- ⇒ Stop the growth of bacteria, fungi and molds
- ⇒ Kill and/or deactivate bacteria, viruses and mold

Simply install the light in the cold air return duct near your home's furnace or over the A/C coils.

Uv lights do not leave any residues or create any toxins to be released into the air of your home, and because the light shines on the interior of your duct or A/C your eyes will not be exposed to the light itself.

What to look for when buying...

Research has shown that within the UV-C

band the most efficient microbial destroying frequency is between 254nm and 265nm. Germicidal lamps that produce the majority of their output in this range will be the most effective in microbial control/ destruction.

The UV Super-hero...

The germicidal power of "C" band UV lights has been known for more than 65 years now. Hospitals, barber shops, food and commercial processing plants, laboratories, and pharmaceutical plants use UV lights for their mold, bacteria and germ killing properties. Why shouldn't you cash in on this simple, health-giving technology too?

Upcoming Topics

- ⇒ Exchanging the Air...
- ⇒ The Dangers of Mold—1
- ⇒ The Dangers of Mold—2

*For more Remodeling articles see our website—
www.RemodelingItRight.com*

The D4 Guarantee

D1 — Your job will be done for the price specified—there are no surprises or hidden costs.

D2 — Your job will be completed the way you want it done.

D3 — If you aren't satisfied with the finished product we'll fix it for free.

D4— All work comes with a 2-year guarantee on workmanship



For more information:

If you're interested in:

- Protecting the value of your home
- Turning your house into your dream home
- Have remodeling questions—needs

***Then you need to call Mike Spruyt
250-572-4812***