



Volume 1, Issue 6 © Copyright 2010

May 2010

## Swamp Coolers

By Joseph Prescia



### American Joe

Pueblo's Professional Handyman

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### SWAMP COOLERS

Does yours run efficiently?

#### 8 points to maximize your cooling capacity.

1. Proper pad placement
2. Supply line clogs
3. Proper belt tension
4. Proper pump size
5. Clean pan
6. Proper window opening
7. Oiled bearings
8. Leaks fixed

#### To prevent water damage:

Move water supply lines to outside, never through the roof.

### How They Work

Swamp coolers draw air from outside into your home. As dry air passes over the moistened pads it reduces the temperature up to 25 degrees. That's why on a highly humid day swamp coolers are not as efficient. The air is already moist and adding more moisture does not reduce the temperature very much.

Your skin can act as a miniature swamp cooler. When your arms are wet and dry air passes over your skin the effect is cooler air. Now isn't that cool?

### Aspen or Synthetic Pads?

We have proven over the years that "aspen" pads are 20-25% more efficient than the blue synthetic types.

Why? Because a natural fiber is able to naturally absorb more moisture than a synthetic fiber. Moisture is what reduces the air temperature as dry air passes over the cooler pads. The more moisture dumped into the air, the more reduction in air temperature. The only pads that are more efficient are the honeycomb type in high end coolers.

### Maintenance

- \*Clean the pan
- \*Oil the bearings
- \*Check belt for wear and tension
- \*Replace pads every 2 years with Aspen type only!
- \*Run the unit on a cool setting while checking for leaks and dry pad areas.

*American Joe has been maintaining swamp coolers for over 13 years. We guarantee all of our work.*

## The Fear Game



By Joseph Prescia

Does the economy scare you? How about the loss of money? Or losing your job? Maybe terrorism?

Our minds usually wander to some situation we make-up and assume will happen to us. Does it usually happen? No, but we fear it any way.

Between the news media and the government our minds can be bombarded with

all kinds of information that can lead to fear.

What's behind all this fear motivation? I have a theory or two.

Theory#1- Maybe news ratings driven by fearful drama will attract more viewers and advertisers.

Theory #2- Maybe the government wants to position itself as God so that its citizens will feel they are needed.

I do not believe that "the truth" is driving this fear game, but instead, selfish interests for news outlets and politicians to get what

*THEY* want for themselves.

### What Can We Do?

You have to have "hope." Without hope, depression, anxiety and fear can consume your mind and life. Hope in what? If this hope is only in your own physical and mental ability, then maybe that's why you have fear.

How about hope in an expert? Finding someone to give advice to lead and guide. How about turning to God? Transferring your fear and anxiety into a solid hopeful plan provided by expert advice can eliminate fear.



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