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EVAPORATIVE COOLER INFORMATION

KEEPING COOL! (Cooler Service and Maintenance)

Dissatisfaction with the comfort level of evaporative cooling is usually the result of simple problems caused by improper maintenance or operation. Classic American Homes wishes for you to have the coolest summer possible. Here is a list to help you with routine mid-season cooler service:

1. Make sure entire pad surface is getting completely wet
2. Make sure pads are in good condition
3. Clean the water reservoir
4. Clean the water inlet on the pump and clean the pump filter basket
5. Check the condition and the tension of the drive belt
6. Oil the bearings
7. Tighten all screws, nuts, and bolts
8. Make sure the water reservoir is not too low or too high (too low means not enough water is being pumped into the pads, too high means water is leaking onto your roof and shingles)
9. Make sure that water ports are not plugged with debris
10. Make sure that air is circulating inside the house by opening windows 6 inches or so, especially in the areas that you spend the most time
11. Never spray the pads with the hose while the pads are still in the cooler because you might wet the motor and this may cause motor damage, or you might spray water into the duct system that can result in water stains on the ceilings of your home

EVAPORATIVE COOLER FACTS

Evaporative coolers, depending on outside air humidity, can lower the temperature inside a house by about 15 to 20 degrees. If the temperature outside is 105 degrees, it will still be between 85 and 90 degrees inside the house. Still hot!

CAUTION: All evaporative coolers operate utilizing both water and electricity. This combination is a dangerous one so be extremely careful when working on the cooler. Turn off the cooler before you work on it, and take precautions that someone does not turn it on while you are sticking your hands inside the fan.

We recommend that you purchase a 'bleed-off' kit for your cooler. They are very inexpensive and very easy to install. City code does not permit the 1/4" bleed-off tube to dump into a roof sewer vent pipe. We suggest that you get at least 50 feet of 1/4" plastic tubing so that the bleed-off water can be used to water exterior vegetation on the ground outside your home. Most kits come with a clamp for the end of the 1/4" tube so that you can reduce the size of the actual water flow to 1/8". Even 1/16" water flow is adequate to keep the cooler reservoir free of salts and alkali.