

Evaporative Coolers: Debunking the Myths

Myth No. 1: Evaporative coolers are just swamp coolers

While evaporative coolers use the same principles as antiquated swamp coolers, evaporative coolers have evolved to become much more energy efficient and effective. The improvement in efficiency is in the rigid media, or pad. Port-A-Cool units offer true differentiation by utilizing KUUL® pads from Port-A-Cool, LLC. KUUL® pads are the strongest, heaviest pads on the market and lower temperatures up to 30°F. The advanced curing process and resin technology maximize the interaction between air and water for superior cooling.

Myth No. 2: Evaporative coolers use lots of energy

The truth is that evaporative cooling is among the most energy efficient cooling methods available. Many of the Port-A-Cool evaporative coolers require no more electricity than that used to run a household toaster, and have an hourly operating cost of 0.05¢ to 0.28¢ depending on the model.

Myth No. 3: Evaporative coolers are like air conditioners

Wrong. In fact, evaporative coolers are easier on both the environment and the budget. They are a green, natural source for cooling that runs on tap water without the use of harsh chemicals/refrigerants. Air conditioners have compressors that require a place to ventilate the heat generated from the compressor. Unlike an air conditioning system, a portable evaporative cooler does not require fixed-ductwork for ventilation. They actually work best in large open areas like warehouses or even outdoors. In this way, Port-A-Cool units are highly portable and effectively cool areas where air conditioning is impractical and/or cost-prohibitive.

Myth No. 4: Evaporative coolers are misters

While evaporative coolers do use water, it is important to note that they don't get anything wet or spray liquid. Whether many feet away or right up close, what you get from an evaporative cooler is a refreshing and chilled breeze.

Myth No. 5: They won't work in humid climates

It's true that evaporative coolers achieve significant temperature drops in more arid climates and drier spaces, but evaporative coolers do still offer relief from the heat in any climate. This is where believing scientific fact, rather than myth, can help keep you cool! Even in regions where relative humidity reaches 70% at midday with temperatures over 90 degrees Fahrenheit, evaporative coolers have been shown to offer significant relief.

Port-A-Cool evaporative coolers are...

- ▶ **Portable cooling units designed to lower temperatures up to 30° F**
- ▶ **An environmentally friendly option for cooling a variety of spaces from 500 to 4,000 square feet where air conditioning is impractical or not conducive**

www.port-a-cool.com

Contact: Melodie Elliott ❖ melliott@sunwestpr.com ❖ 214.373.1601 Ext. 271

