

## Complete Guide: Val6 Evaporative Cooler



Everything you need to  
know before purchasing  
an Evaporative Cooler

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With the warmer months approaching, now is the time to prepare. There are plenty of options available, overhead fans, air conditioning, evaporative coolers (swamp coolers), etc. The question is, how does one know which option is the right one.



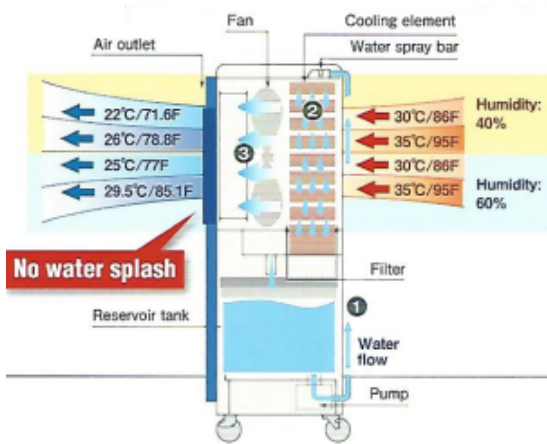
**highly  
recommended**

For anyone looking to cool maintenance garages, warehouses, retail shops, recreational facilities, etc. NorTex Sales & Service recommends the Val6 Evaporative Cooler.

This commercial-grade evaporative cooler is affordable, high-powered, and industrial-strength. This energy-efficient cooler is sure to keep you cool during the blistering heat without costing you and arm and leg.

Interested in knowing more? Keep reading to learn more about what evaporative coolers are, the pros & cons, and discover the benefits & unique features of the Val6 RKF 506-A.

# What is an Evaporative Cooler?



1. An evaporative cooler (also called a swamp cooler) is believed to have originated in ancient Egypt. Wet blankets were hung up on doorways and windows creating a cool breeze as the wind blew through it. Evaporative coolers mimic this method.

2. Swamp coolers suck in air, push it through wet cooling pads, and create a cool breeze.
3. Evaporative coolers use the process of evaporating water to absorb the heat and release cool air in its place.

## *Evaporative Cooling = Process of Sweating*

*The human body has an internal thermostat and when triggered, the body produces sweat. Sweat droplets sit on the surface of the skin waiting to be broken down and evaporate.*

*As the sweat evaporates it removes heat from your skin cooling you off.*



## did you know

Evaporative coolers can lose water in 3 ways:

- Evaporation (changing from liquid to gas)
- Blowdown (removal of mineral build-up)
- Drift (water droplets escaping via fan)

## How Does Evaporative Cooling Work?

Swamp coolers work well in areas where the environment isn't very humid because evaporative coolers add humidity/moisture to cool the air.

In order for an evaporative cooling system to produce cool air, the air has to be constantly flowing through the machine and have a constant source of water to replenish what's lost.

## Evaporative Cooler: Pros

1. Improves air quality (designed to filter air, trapping pollen & dust particles purifying the air).
2. Cools the air compared to overhead fans.
3. No installation. Plug the system in to a 120-V outlet and your all set.
4. Eco Friendly. Doesn't require refrigerants (such as hydrochlorofluorocarbons and chlorofluorocarbons) for cooling.
5. Energy-efficient. Uses up to 75% less electricity than an air conditioning unit.
6. Affordable option. Minimal maintenance and repair costs post purchase.





## Evaporative Cooler: Cons

1. Does not perform well in humid climates (60% above).
2. Salt and mineral build-up (mostly a result from hard water).
3. Needs a constant water supply to replenish lost water and keep pads moist.
4. Dry climates may dry out the cooling pads hindering the performance of the machine.
5. Needs yearly pad replacement. Monthly filter changes to prevent growth of mold and mildew.



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*A great cooling system with pros that far outweigh the cons. Overall, it's a great option to stay cool during the summer heat.*

## Unique Features: Val6 Evaporative Cooler

The RKF 506-A was redesigned to be 150% more effective at cooling compared to the previous model.

With the new feature of the automatic swing louver, the cooling coverage area has increased from targeting 2 - 4 people to 4 - 6 people. Other features include:

- One-Touch Switch to Control Air Volume
- Mesh Guard
- Built-in Off Timer
- 3 Water Supply Options
- Portable & Compact



## Benefits

The Val6 RKF 506-A is an eco-friendly, energy-efficient, affordable option to stay cool in the summer.

This machine was designed with the user in mind. Don't worry about water splash, heat exhaust, or greenhouse gas emissions.

With this air cooler, you will see 85% of reduced energy & cost. To give you an idea, the electricity for the RKF is only 1/7 of a spot-air cooler. That's a big difference and a lot of savings!

### Locations:

(214) 630-7310

10205 N. Walton Walker Blvd  
Dallas, TX 75220

(903) 984-0099

3210 N. State Hwy 135  
Kilgore, TX 75662

(432) 653-1784

3912 S. County Rd. 1290  
Odessa, TX 79765

**Contact us** today about getting a Val6  
*Evaporative Cooler or stop by one of  
our locations.*

*We are happy to answer any  
questions you may have, get you a  
quote, or schedule a product demo.*



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