



Recognition Concepts in collaboration with Conde Systems, is proud to introduce the all new Kool Plate™ for sublimation. A must for anyone doing sublimated products. Using a Kool Plate™ cools most sublimated products in 75% less time than when cooled naturally.

- Each Kool Plate comes ready to use. Just take it out of the box, plug it in and go to work.
- Spacious 12x20" cooling surface.
- The time you save will quickly pay for the Kool Plate™.
- Designed and assembled in the United States of America.
- Sold in the USA exclusively by Conde Systems.
- Cools metal, FRP, MDF board, ceramic and glass tiles, Rowmark Mates® and just about anything else (not needed for fabric).

Cooling is accomplished by simple thermodynamics and three of these high capacity ball-bearing fans mounted in a metal frame. Originally designed to cool huge audio racks and scientific instruments, they produce 50cfm each and are rated to run 24/7 for years. In our light duty application, they should last a lifetime.

A6000 the Kool Plate®

Kool Plate® Cooling Table has a 12" x 20" Cooling Platform and three high capacity ball bearing fans; Acrylic Body. 110v. Designed to rapidly cool substrates including tiles, glass cutting boards, plaques, slate, DyeFlex, metal, FRP and composites.

Anyone who works in a production setting will find that getting one, two or a few of these will speed cooling by an order of magnitude over just a bare work table. A must for anyone doing sublimated products. Each Kool Plate comes ready to use. Just take it out of the box, plug it in and go to work. Designed and assembled in the United States of America. Cools metal, FRP, MDF board, ceramic and glass tiles, Rowmark Mates® and just about anything else (not needed for fabric). Also excellent for two sided substrates, it will speed up the cooling process so you can decrease your production time. Cool cold plate! Made in USA.

History of the Kool Plate™

The original Cool Plate (spelled with a "C", not a "K") was invented by two California gentlemen sometime between 1999 and 2002. Although their design was excellent, sales didn't meet their expectations and the product was discontinued. From that time on, the industry has been without a device to speed up cooling of sublimated products. The need for one however, has only escalated over time.

After much thought and a number of trials, Steve Spence finally came upon a design that would work and work well. Rather than using two large heat sinks like was used in the original Cool Plate, his design uses a more active approach, namely, fans that force air across the bottom of a metal cooling plate and exhaust it out the back.

The real challenge of building a working unit was making it affordable. Designs using heat sinks would have driven the cost as high as \$600 - far out of the reach of many sublimators. The target price had to be less than half that amount.

By using acrylic to construct the frame and enclosure rather than metal and through a stroke of luck in getting the commercially made fans at a reasonable price, the current low price of only \$249 became a possibility. To reduce the cost of labor, each piece of the acrylic enclosure is cut on lasers and assembled in a jig to ensure every unit is as identical as possible and that all parts are interchangeable. Still, each Kool Plate™ is built by hand, one at a time to insure quality.

Although what you see when you examine a Kool Plate™ is impressive, it is what's inside that really counts. Months of testing and experimentation led to a specific placement of baffles to control air flow over the entire surface of the cooling plate.

"During the many years when there was no Kool Plate™ available to sublimators, I felt guilty using the one I had each time I used it. I couldn't help but wonder how other sublimators managed without one. I was determined to make them available again and with the help of Conde Systems, I was able to do that."

Steve Spence

Register your purchase here: <http://www.koolplate.com/register-product.html>



Dimensions: 12" x 20" x 6"

Weight: 12.50 lb

Voltage: 120 volts AC @ <1 amp, (220 volt version available with European plug for additional charge)

Fuse: 4 amp (Mounted inside cabinet and accessible by removing the bottom cover)

Fans: 3 Fans. 90mm High Velocity Ball Bearing Metal Case Fans

Air Flow: 150 cfm total

Construction: 1/8" Cast acrylic

Cooling Plate: 1/8" Anodized aluminum

Field Serviceable: No

Certifications: CE. European Certification of Conformity

Country of Origin: Designed and assembled in the USA

Acrylic Housing: Made in the USA

Metal Top: Made in the USA

Hardware: Made in the USA

Fan Assembly: Made in China

Packaging: Made in the USA

Frequently Asked Questions

If you do not find an answer to your question here, contact us at concepts@usa.net.

Q: How fast does the Kool Plate™ actually cool something?

A: The time required for cooling a product depends on the product being sublimated. Our testing showed FRP and metal would cool in about 1.5 minutes. Heavier products such as ceramic tiles or plaques will take longer.

Q: What is the air output of the fans used in the Kool Plate™

A: 150 cfm total.

Q: If a fan ever stops working, can I replace it myself?

A: No. Unfortunately, the current design does not allow "in field" servicing. You will have to return the device to the manufacturer for repairs.

Q: What is the warranty period?

A: 90 Days. Warranty is VOID if unit is not registered when purchased.

Q: What if a fan goes bad after the warranty period?

A: For up to one year from date of purchase, we will replace a defective fan free of charge provided you pay shipping both ways. Unit must be registered at the time of purchase for this to happen.

Q: My Kool Plate™ has scratches or discoloration on the top metal plate. Is this a defect?

A: No. The process of cutting, anodizing and handling the metal top in the various steps of production does leave discoloration and even the occasional scratch on the surface. We try to avoid this but sometimes it is beyond our control. This is NOT a defect.

Q: Does a Kool Plate have a fuse and if so, how do I change it?

A: Yes. It has a 4 amp Buss fuse located just above the power plug on the back of the fan unit. To access the fuse, you will have to remove the bottom panel and then the cover that protects the fuse housing. be absolutely sure the unit is unplugged when doing this since turning off the power does NOT remove power from the fuse! A blown fuse probably indicates a problem more serious than just replacing a fuse so it may be advantageous to return the unit for repair rather than trying to fix it yourself. If a second fuse blows, the unit should be returned to be checked out and repaired to insure your safety.