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Cooling Problems Solved

AmeriCool Offers Backup, Supplemental & Primary Cooling Options Available 24/7

AMERICOOOL HAS ONE GOAL. “We want to be the leader in quality and service in the portable air conditioning industry, and we want to provide solutions for the data center that are simple and easy to use,” says Mike Paulson, AmeriCool president. To that end, the company has the experience, product line, warranty, and customer service in place to make that goal a reality.

A Cool History

AmeriCool launched in December 2011, creating a North American aftermarket brand for Korea-based Weltem, an OEM manufacturer of air conditioning products and data center solutions for more than 20 years. AmeriCool offers a full line of air-cooled self-contained portable air conditioners ranging from 1 to 5 tons (13,200 BTU/hour to 61,000 BTU/hour) that IT can easily move to an exact area needing cooling.

“For the data center, if you have a hot spot, you can take our unit and put it directly to that area,” Paulson says. “If you have multiple data centers in your building, you can take the unit out of one and put it in another. The portability is obviously one of the keys behind our product.”

You can rent or buy AmeriCool’s portable air conditioners via a 24/7 national distributor network. So if your building air conditioning or ceiling-mounted cooling unit goes down, you can rent an AmeriCool unit as backup until the unit is fixed. AmeriCool’s units, however, are also viable primary cooling options. For example, if you’re adding servers to a server room that will bump the heat load up, say, 3 to 5 tons, you could buy and install a new cooling unit to handle the added load, Paulson says, or you could “take our unit and basically roll it in, plug it in, and have 3 to 5 tons of cooling right there.” In some situations, Paulson says, adding an AmeriCool unit is one-third to one-fifth the cost of installing a rooftop or ceiling-mount unit.

Beyond primary and backup functionality, enterprises can use AmeriCool’s units for supplemental cooling. “Many people look at this as ‘My unit went down, I’m going to use it as my backup,’ ” Paulson says. “But especially in smaller server rooms or closets that really don’t have sufficient cooling built-in, they’ve taken a unit, turned it on, and it runs 24/7 at whatever

temperature they want to set the room at.” Another example, Paulson says, is using the unit for after-hours cooling. Rather than running the building air conditioner to cool an entire floor, a company could use an AmeriCool unit to cool only a server room,

“which can really save you a lot of money,” Paulson says.

Automatic & Easy

Paulson says AmeriCool units are “designed to run 24/7 and require little to no maintenance.

You clean the filters and basically run a condensate line somewhere or you have a condensate tank to empty, and that’s it. That’s the only maintenance required, if you can even call that maintenance.” You can choose to outfit the unit to collect water in a bottom-located tank that’s emptied periodically or use a pump and condensate line instead to drain water. In either case, the unit provides built-in condensate overflow protection.

In addition to being suitable for companies large and small, extremely portable, easy to install, and able to run 24/7, AmeriCool’s portable air conditioning units are designed to provide IT peace of mind via the auto-restart function each unit includes. If the data center experiences a power outage, the unit will automatically turn back on. “The key thing the IT manager wants to know is if the electricity goes out and then comes back on, is this unit going to come back on on its own? And yes, ours will,” Paulson says.

Each unit can cool down to 64 degrees if required and includes an off timer, self-diagnostic system, and metal construction with hard-rubber casters. AmeriCool is the only company in the industry to provide Spot Cooling and Room Cooling thermostat operating modes, Paulson says.

Service & Coverage

Next year, the Long Beach, Calif.,-based AmeriCool expects to expand its product line by adding water-cooled units. The company also plans to introduce features that will give IT more flexibility in how they can implement units in their respective spaces. All units ship with what Paulson describes as one of the leading warranties in the portable cooling industry, covering both parts and labor.

“We stand behind our product because we feel we have a high-quality product. We want our customer service to match that high-quality product,” Paulson says. “We have a hands-on approach to our customers’ applications and their needs. We have engineers on staff that can go through any type of applications that the IT manager has and any questions he might have with his cooling needs. We know our products are high quality, and we strive to provide service that matches that quality.” ■

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