



Southeastern Orthopedic Center Cools Server Rooms and Keeps Systems Running with Tripp Lite

SUMMARY

Customer

Southeastern Orthopedic Center provides full-service outpatient and in-patient services throughout southeast Georgia.

Goal

Cool small server rooms to protect network devices without risking electrical damage due to water drainage.

Solution

Portable Air Conditioning Unit
• SRCOOL12K

Results

Simple installation and an average server room temperature of 63 degrees.



“With the SRCOOL12K Portable Air Conditioners, the server room temperature is running at an average of 63 degrees.”

—Robert Snipes, CIO
Southeastern Orthopedic Center



Customer

Based in Savannah, Georgia, Southeastern Orthopedic Center (SEO) provides full-service outpatient surgical care, including digital MRI and X-ray services, physical therapy and hand therapy at 25 satellite offices and three hospitals, where they also provide in-patient services. They offer subspecialty expertise in the areas of Sports Medicine, Joint Replacement, Spine & Neck, Trauma, Foot & Ankle, Hand & Wrist, Pediatric and Interventional Pain Management. Their 750 employees work with the goal of providing state-of-the-art care by maintaining quality standards at affordable costs.

Goal

Owing to the heat of southern Georgia, CIO Robert Snipes set out to provide cooling for small (10' x 10') server rooms, each of which house 2-3 servers and a number of network devices, routers and switches. “Without a cooling solution in place,” he said, “the average temperature in the server rooms was 95 degrees, but would get up to 100 degrees or more. Network devices were constantly dropping due to the high temperatures.”

Rather than absorbing the expense of running central air conditioning into the server rooms, Southeastern Orthopedic Center originally purchased upright cooling units from a Tripp Lite competitor, which proved not to be the right solution, due to condensation build-up. “The problem was water drainage,” said Snipes. “It only took once for a water leak from the cooling unit to ruin electrical equipment.”



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CASE STUDY

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Solution

SRCOOL12K Portable Air Conditioning Unit

- 12,000 BTU of cooling power
- Zero-maintenance design—no floor drain needed, no water collection tank to empty
- Ducted vent directs cold air where most needed; standard louvered vent provides general cooling
- Programmable with built-in timer for unattended startup and shutdown
- Auto-restart feature retains system settings and returns unit back to its last operational state after AC power is restored
- Uses a standard 5-15R outlet; no adapter or electrical work required



Results

Robert Snipes reported that the non-drainage feature on the SRCOOL12K has saved him and his staff time and spared the Southeastern Orthopedic Center equipment damage. As the existing cooling units go out, Snipes replaces them with the SRCOOL12K, buying a 5-year extended warranty with each unit. "With the SRCOOL12K in place," he noted, "the server room temperature is running at an average of 63 degrees."

In addition to the effective cooling which the SRCOOL12K provides, Snipes is pleased with several of its other features. "They're cost-effective," he said, "and you can't go wrong with a 5-year warranty." He reported that the simple installation was complete within 15 minutes and required no additional help from maintenance personnel. "Because the units are portable," he continued, "I can wheel them in and out of the server rooms. They have been very beneficial and I will continue to purchase them."

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