

St. Louis RSES Meeting Spotlights KE2 Therm Controllers



Industry trends are always a popular topic at RSES meetings, and the growing popularity of electronic controllers certainly fits the bill.

KE2 Therm Solutions, having solidly established their expertise on the topic of energy saving electronic controls, was a natural choice for RSES to invite to speak on the subject.

KE2 Therm engineer Joe Dudley was the evening's presenter. Dudley explained the benefits of two of the company's most popular electronic controllers to a diverse crowd of almost 50 industry professionals. Among the attendees interested in the innovative controllers were contractors, HVACR instructors, wholesalers, OEMs and manufacturers reps.

"What a great turnout," Dudley commented, "It's great to share information on the power of these controllers. They represent the future of refrigeration control, and, the people that attended the meeting are excited about getting the most out of the controller's features and benefits."

Tech Tip #29 Why every walk-in should use a door switch

With the door open, the moisture and heat load of a refrigerated space is significant, for both the contents of the walk-in, and the evaporator. If the walk-in doesn't have a door switch, this problem is intensified as the system continues running, and the evaporator fans pull air from the unconditioned space, bringing in even more heat and moisture.

For the contents, the excess moisture and heat can cause product to stick together and degrade quality and appearance. For the evaporator, it can quickly lead to icing issues. While the KE2 Evap will help eliminate icing issues, using a door switch minimizes one of the leading causes of icing before it starts.

The graph shown below is from a Quick Serve Restaurant that has two deliveries per week, and no door switch. The typical loading days require extra defrosts to clear the room of moisture and heat. Note the KE2 Evap easily adapts to the conditions presented to the system and recovers quite nicely. While this keeps the coil from icing, the majority of this load is not necessary — wasting energy.

Installing a door switch can save energy and deliver the highest quality refrigerated products.

