

Testimonial:

Washington Court House City Schools

Washington Court House, Ohio



Summary -

Equipment on Site
5 walk-in freezers

Equipment Applied
KE2 Evaporator Efficiency
controllers

“I am the District Maintenance Director for a 2500 student city school system in south central Ohio. I was introduced to the KE2 Therm evaporator efficiency control by my rep from Progress Supply. At the time, I had no need to make changes to my systems but I was intrigued about how the unit works and the potential energy savings.

Not long after that, I developed a problem with a freezer that had been a struggle for a long time. It is an old unit (20+ yrs) and had been struggling to maintain set point and causing a lot of steam and ice build up inside the box. I installed the new controller with the help of an experienced technician and within days I saw improvements. The most significant being the reduction in defrost cycles. **The mechanical defrost timer was set for 4 cycles per day at 40 min each. 28 cycles per week – that’s just over 18 hours per week in defrost! With the KE2 Therm EEC (KE2 Therm Evaporator Efficiency controller), it defrosts about 3 times per week for about 20 minutes – a reduction of 17 hours per week!** The energy savings alone is enough to offset the unit cost very quickly. Add to that the benefit of a controller that can monitor the efficiency of the evaporator and control the indoor fans to maximize energy from the coil rather than wasting it and you have a powerful tool.

They also have available EEV (electronic expansion valve) units and auxiliary sensors that connect simply to the controller. This allows the system to adjust efficiency on the fly and truly has worked a miracle in one of my units. In the past year, I have outfitted 4 of my 5 walk-in freezer units with the KE2 Therm controller and I’m actually installing the 5th one tomorrow!

We have saved enough energy and remedied so many little issues that **I decided to install this last one BEFORE I have an issue.** With a simple Ethernet cable installed, I can simply get online and look at how each freezer is running and get troubleshooting ideas before leaving my desk! Plus, it will send me an email if the box temperature exceeds a pre-set limit so I will never again face the thought of discarding food. **Fantastic product, unbelievable price.”**

Mark

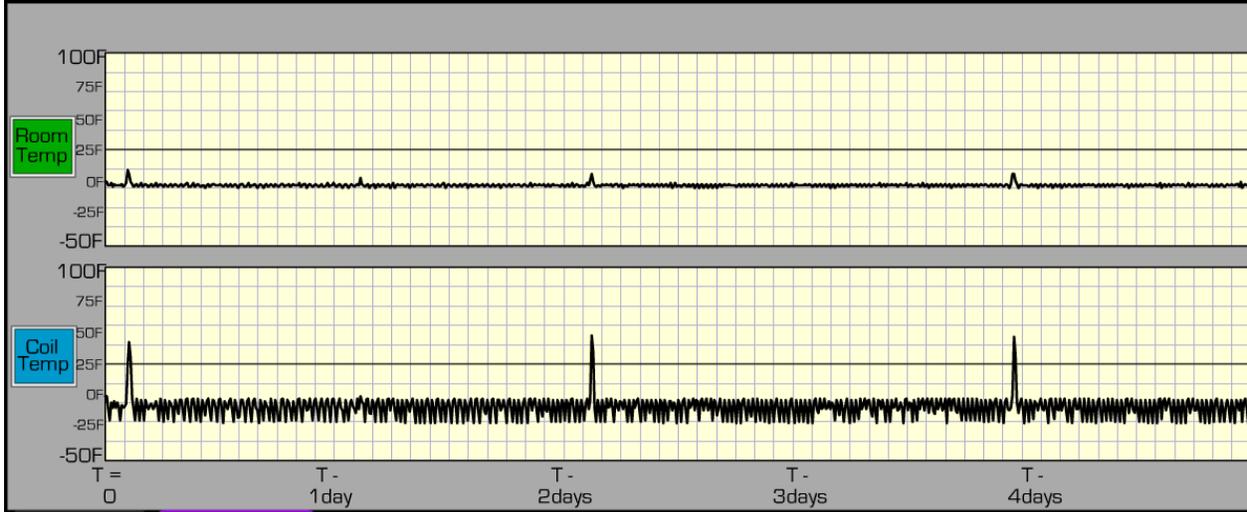
Mark Tussing
District Maintenance Director
Washington Court House City Schools



Tussing (left) with Mike Randolf of Progress Supply.

Weekly Snapshot

Location: HIGHLAND OFFICE Number of Defrost Cycles: 3 **Note:** Each grid mark represents approximately 2 hours



With the KE2 Evap installed, the performance graph shows a 5-day period with only three defrosts, and a room temp that remains steady. Even during defrost the room temperature rises only slightly.



The controller, installed outside of the refrigerated space, displays the temperature in tenths of a degree, and is visible without entering the freezer.