Date: Monday, May 18, 2009 2:40 PM
From: Frank Moran <fmoran@rcps.info>
To: john.cook@valleyenergyconsultants.com <john.cook@valleyenergyconsultants.com>
Cc: Frank Moran <fmoran@rcps.info>
Subject: Ecube temperature sensing device

John,

Thank you for allowing Roanoke City Schools to participate in the testing of your eCube temperature sensing device . The test we ran at William Fleming really impressed our HVAC-R mechanics and myself. I have to admit that I was skeptical that your device could actually reduce compressor cycle times by as much as you claimed. The fact that the walk-in refrigerator being tested is over thirty years old and that the door will not close without help and the cafeteria personnel are in and out of the box so much that the compressor doesn't turn off during working hours makes it all the more difficult for your device to save energy and reduce cycle periods.

The test that my department ran on the walk-in refrigerator at Fleming from 10:30 A.M. April 28th. through 10:30A.M. May 1st without the eCube device installed showed that the refrigerator compressor cycled 53 times. The test that we ran one week later from 10:30 A.M. May 5th through 10:30 A.M. May 8th with your eCube device installed showed that the compressor cycled 23 times. We used a Fluke Power Logger Model 1735 to record current draw and voltage at the compressor. This information has been printed and after counting the cycles several times we found that the reduction in compressor cycles was reduced by 57%. Again if someone else had told me that this would be the result I would probably not have believed them. Thanks again John . It is always more convincing when someone can actually test these devices on their own equipment and prove for themselves whether or not product claims are for real. Our test prove that eCube is for real.

Thanks Again,

Frank Moran
HVAC supervisor
Roanoke City Schools

Voltage and Amps. From 4/28/2009 10:22:42 AM to 5/1/2009 10:20:42 AM

Voltage and Amps. From 5/5/2009 10:05:37 AM to 5/8/2009 9:54:37 AM

— Normal Period Avg