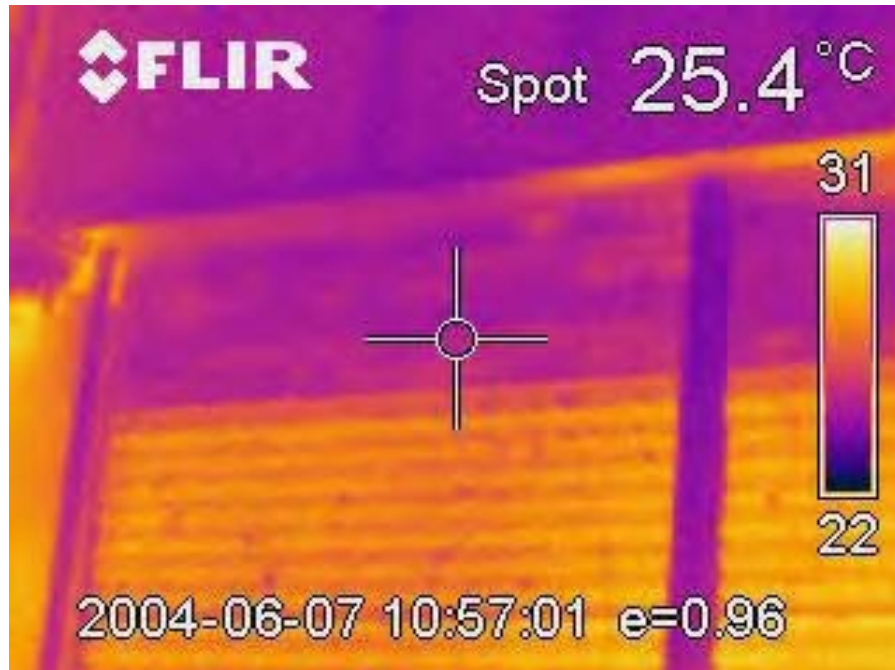
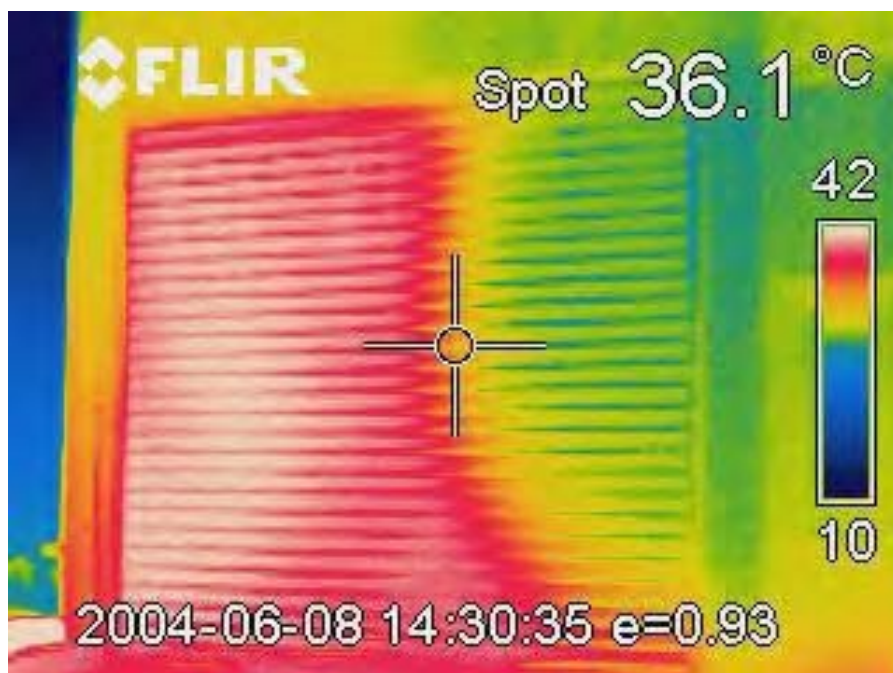


East Kent Hospitals NHS Trust Therma Camera

Picture one: Cooling battery on steam chiller. The difference in the orange to purple shows that the water is not flowing correctly and not working efficiently.



Picture two: Water towers. The picture showed the estates staff that hot air was being drawn back in and using hot air instead of cool air to cool the battery. This was a 25 year fault, which has been easily resolved and improved efficiency.



Picture three: A cable leading to a control panel. The colour of the cable shows that it is overheating. As the cable is leading to a control panel in a plant room, it is important that it does work correctly and does not give off heat.



Picture four: Flat roof. The area that is very dark purple/black is where water was entering the roof. The area of dark purple to the left is where the water was between the layers of felt.

The pale purples grid lines are the joists and show heat transfer.

