

# Monitor pressure on large refrigeration units

## APPLICATION C129

Type of Company: Refrigeration Energy Management

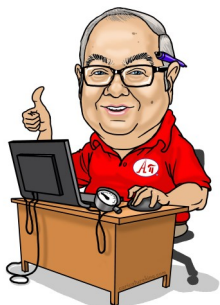
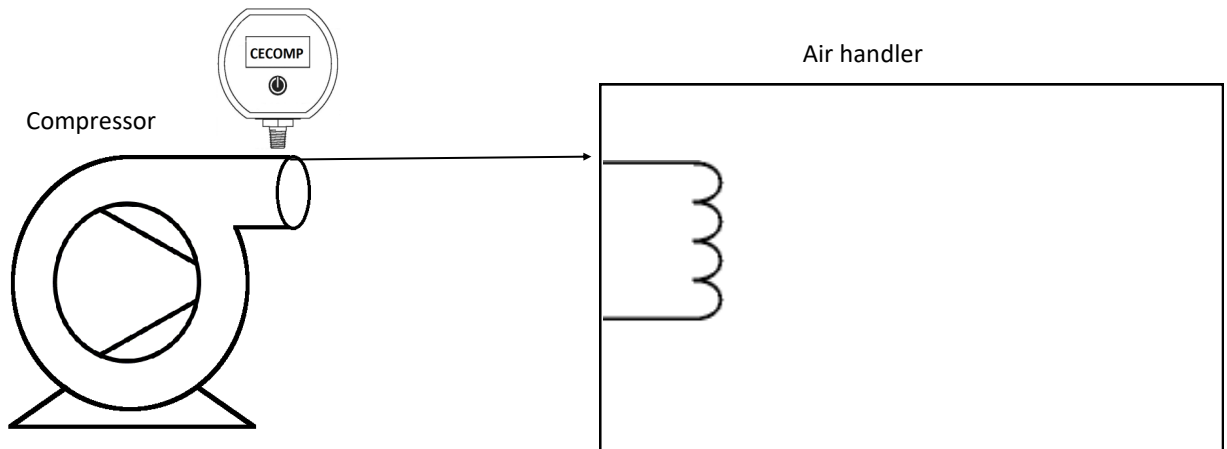
Location: Georgia

Large refrigeration units at retail stores are used to keep foods cold. These units have to be “balanced” for optimum refrigeration and energy efficiency. The process of balancing these units requires accurate implementation of both mechanical and control strategies to establish performance baselines.



### The Engineering Issue

- The engineer has a requirement for accurate, portable, easy to read and cost effective visual indication of the pressure on the compressors for these units so that they can be correctly “balanced.”



The engineer will use a Cecom F16B to monitor the pressure on the refrigeration units and adjust the system balance accordingly. The engineer stated that this simple improvement to the process could result in an energy savings up to 20% a month and a 6-month payback.

**Problem. Solved.**