

CASE STUDY

Warehouse – Mechanicsburg, PA

OPERATING CONDITIONS

Operating Hours: 16 hrs/day - 5 days/wk

Design Temperature: 60° @ 0°

Average Temperature: 65°

Heating System: Cambridge Space Heaters

2 @ 900 MBH

Roof top mounting

ACTUAL FUEL USE

for the 1999-2000 heating season (4657 Heating Degree Days @ 65°)

3.6 Btu/HDD/sq.ft.

CALCULATED OPERATING COST

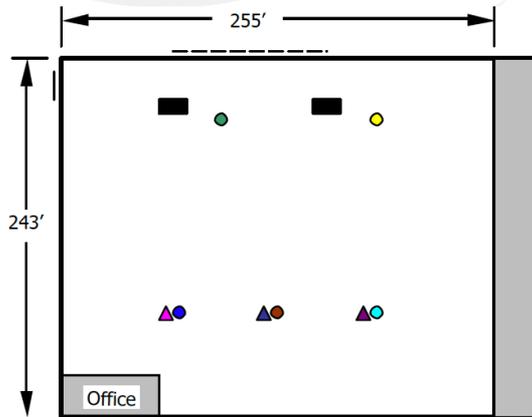
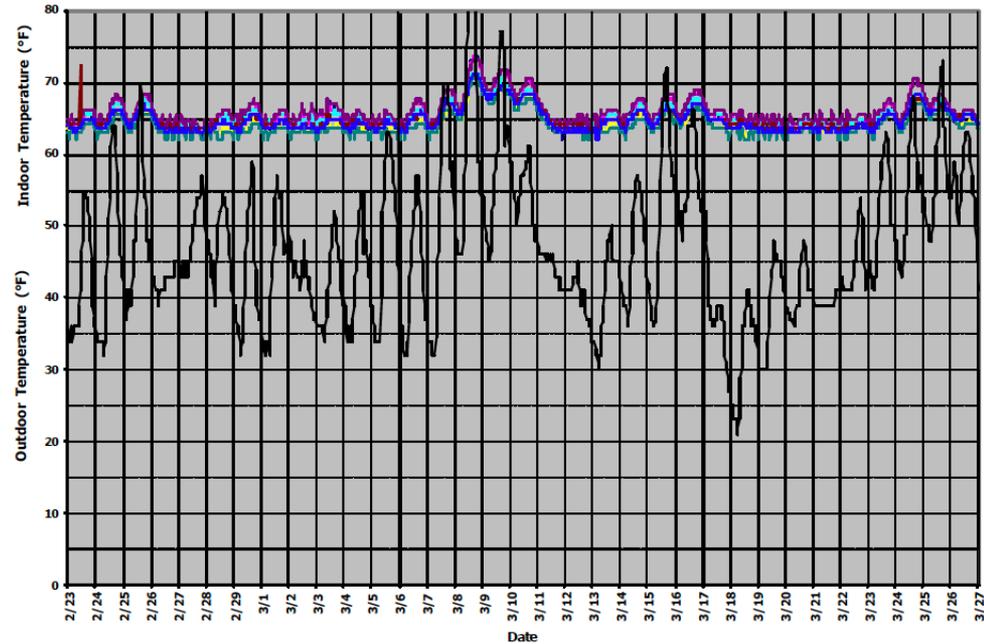
for normal heating season (5441 Heating Degree Days @ 65°)

\$0.10 / sq.ft. (Gas only @ \$0.50/therm)

DATALOGGER GRAPH

Logging period: 2/23 - 4/10

Logging interval: 30 minutes



BUILDING DETAILS

Size: 62,000 sq.ft x 34 ft. High

Construction: R-19 Roof

R-3 Walls

- Temperature Logger @ 5' AFF
- ▲ Temperature Logger @ 27' AFF
- Cambridge Heater