

Cambridge Case Study

Distribution Center

Tremont, PA (Central Pennsylvania)



BUILDING DETAILS

Size: 1,200,000 sq.ft. x 45 ft. High
Construction : R-13 Roof
R-4 Walls

OPERATING CONDITIONS

Operating Hours: 24 hrs/day 5 days/wk
Design Temperature: 65° @ 9°
Thermostat Settings: 70° occupied / 60° setback
Average Temperature: 67°
Heating System: Cambridge Space Heaters
10 @ 2200 MBH
Thru wall mounting

ACTUAL FUEL USE

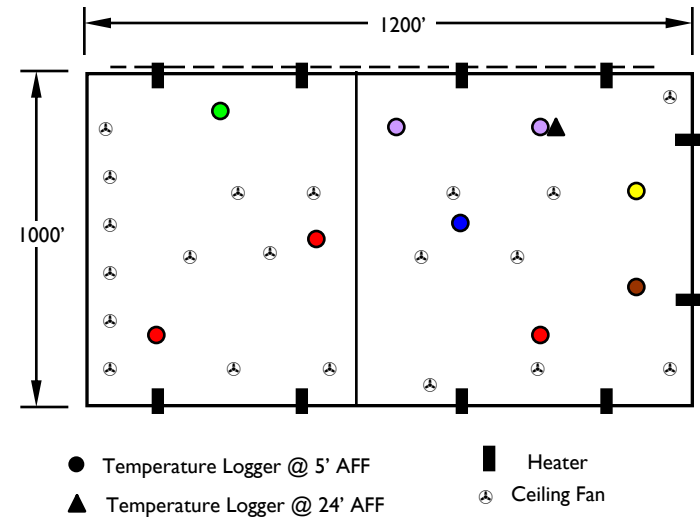
for the 2001-02 heating season (5,047 Heating Degree Days @ 67°)

4.6 Btu / HDD / sq. ft.

CALCULATED OPERATING COST

for normal heating season (5,411 Heating Degree Days @ 65°)

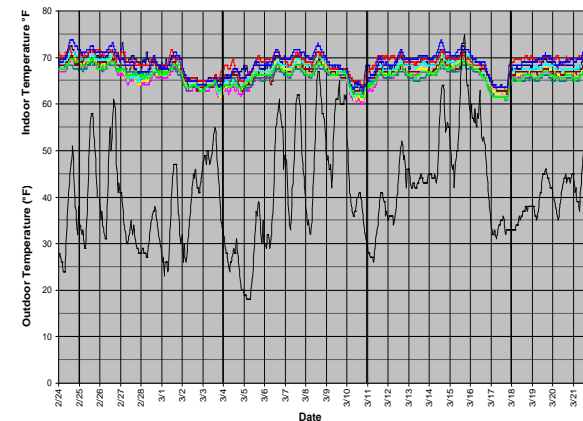
\$0.13 / sq.ft. (Gas only @ \$0.50/therm)



DATALOGGER GRAPH

Logging period: 2/24/02 - 3/22/02

Logging interval: 30 minutes



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