

Cambridge Case Study

Distribution Center

St. Louis, MO



BUILDING DETAILS

Size: 64,224 sq.ft. x 26 ft. High

Construction: R-14 Roof
R-10 Walls above 8'
R-1.5 Walls below 8'

OPERATING CONDITIONS

Operating Hours: 10 hrs/day 5 days/wk

Design Temperature: 65°F @ 0°F

Average Temperature: 65°F

Heating System: Cambridge Space Heater
1 @ 1200 MBH
Roof top mounting

ACTUAL FUEL USE

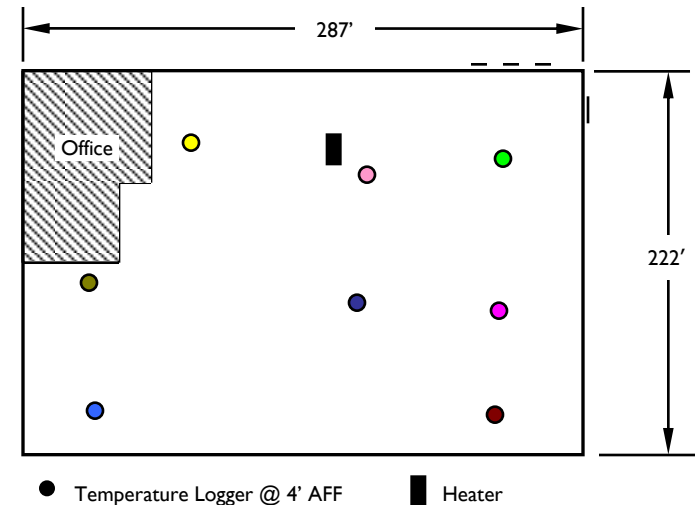
for the 1996-97 heating season (5,008 Heating Degree Days @ 65°)

5.6 Btu / HDD / sq. ft.

CALCULATED OPERATING COST

for normal heating season (4,938 Heating Degree Days @ 65°)

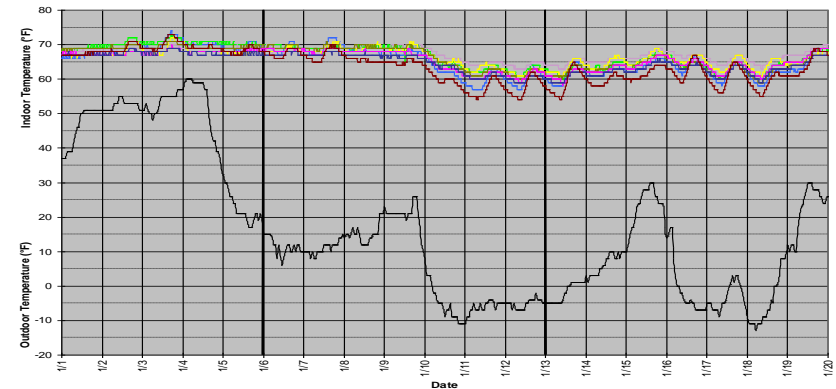
\$0.14 / sq.ft. (Gas only @ \$0.50/therm)



DATALOGGER GRAPH

Logging period: 1/1/97 - 1/20/97

Logging interval: 16 minutes



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