

Cambridge Case Study

Distribution Center

Kansas City, MO



BUILDING DETAILS

Size: 96,000 sq.ft. x 32 ft. High
Construction: R-19 Roof
R-12 Walls above 9'
R-2 Walls below 9'

OPERATING CONDITIONS

Operating Hours: 18 hrs/day 5 days/wk
Design Temperature: 65° @ 0°
Thermostat Setting: 65°
Average Temperature: 65°
Heating System: Cambridge Space Heaters
1 @ 2219 MBH
1 @ 1130 MBH
Thru wall mounting

Notes & Observations:

Heaters turned off intermittently and on weekends

ACTUAL FUEL USE

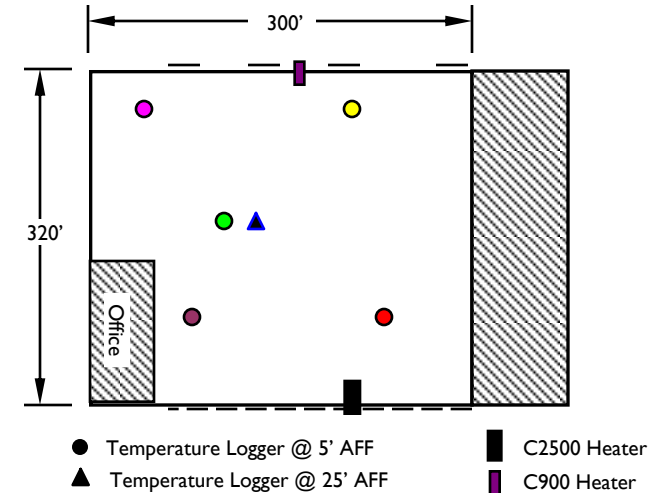
for the 1997-98 heating season (4,501 Heating Degree Days @ 65°)

3.8 Btu / HDD / sq. ft.

CALCULATED OPERATING COST

for normal heating season (5,007 Heating Degree Days @ 65°)

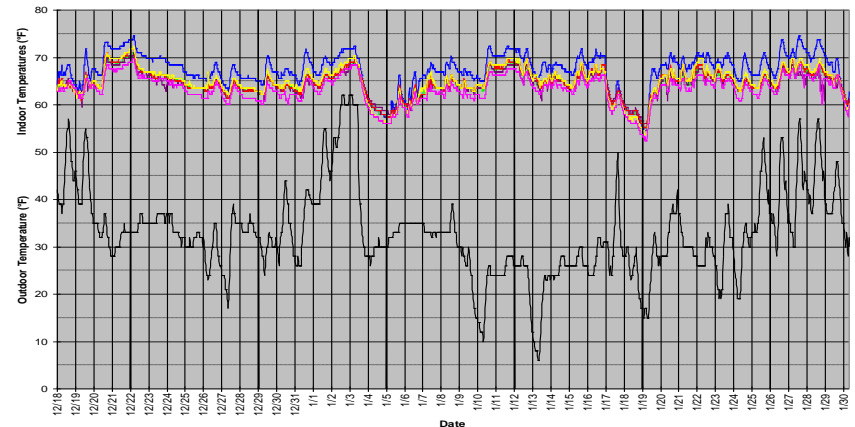
\$0.10 / sq.ft. (Gas only @ \$0.50/therm)



DATALOGGER GRAPH

Logging period: 12/18/97 - 1/30/98

Logging interval: 30 minutes



760 Long Road Crossing Dr. • Chesterfield MO 63005
800-899-1989 • www.cambridge-eng.com