

Cambridge Case Study

Warehouse

Wooster, OH



BUILDING DETAILS

Size: 150,000 sq.ft. x 27 ft. High
Construction: R-15 Roof
R-12 Walls

OPERATING CONDITIONS

Operating Hours: 24 hrs/day 7 days/wk
Design Temperature: 65° @ 0°
Average Temperature: 60°
Heating System: Cambridge Space Heaters
2 @ 1456 MBH
Thru Wall Mounting

ACTUAL FUEL USE

for the 2002-03 heating season (5445 Heating Degree Days @ 60°)

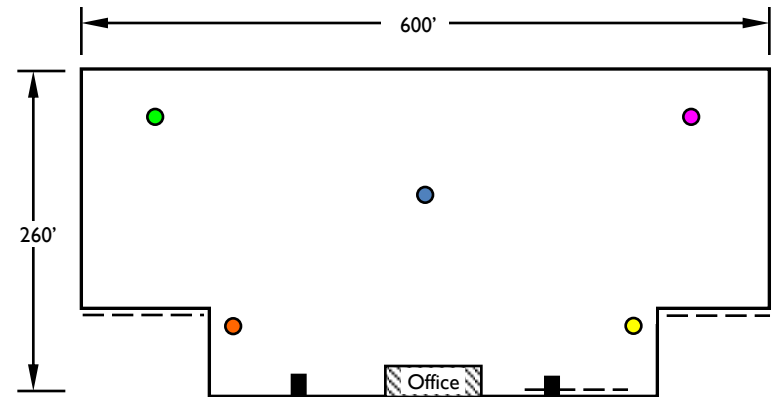
2.6 Btu / HDD / sq. ft.

CALCULATED OPERATING COST

for normal heating season (6153 Heating Degree Days @ 65°)

\$0.08 / sq.ft. (Gas only @ \$0.50/therm)

\$0.09 / sq.ft. (Gas @ \$.50/therm and electric @ \$.08/kwh)



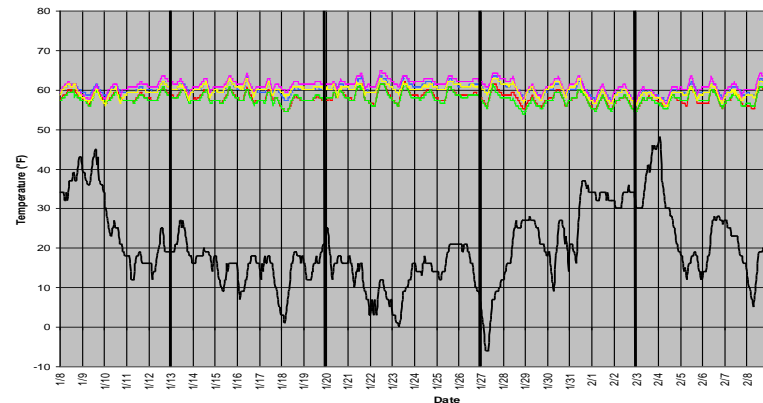
● Temperature Logger @ 5' AFF

■ Heater

DATALOGGER GRAPH

Logging period: 1/7/03 – 2/12/03

Logging interval: 30 minutes



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