

Cambridge Case Study

Unisource Worldwide, Inc.

Rochester, NY



BUILDING DETAILS

Size: 144,000 sq. ft. x 26 ft. high

Construction: R-20 Walls
R-20 Roof

OPERATING CONDITIONS

Operating Hours: 24 hrs/day 5 days/wk

Design Temperature: 50° @ 0°

Thermostat Settings: On @ 65° / Off @ 68°

Average Temperature: 67°

Heating System: Cambridge Space Heaters
2 @ 900 MBH
1 @ 1900 MBH
Thru wall mounting

ACTUAL FUEL USE

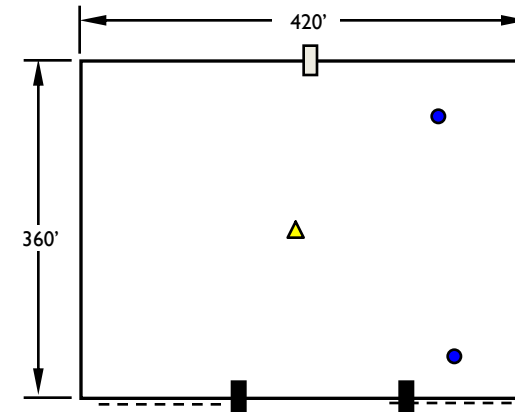
for the 1997-98 heating season (6,672 Heating Degree Days @ 67°)

2.5 Btu / HDD / sq.ft.

CALCULATED OPERATING COST

for normal heating season (6,789 Heating Degree Days @ 65°)

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

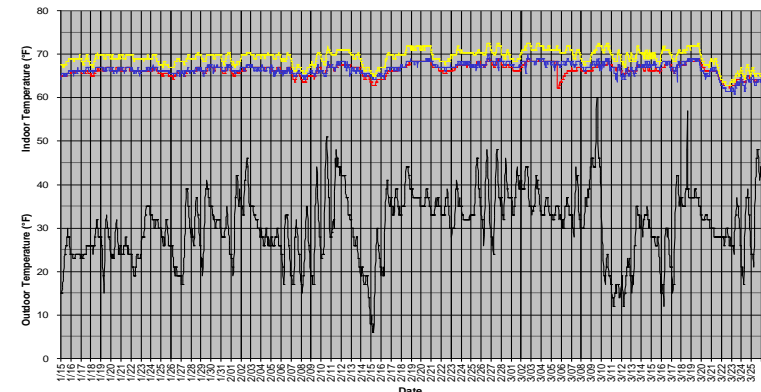


- Temperature Logger @ 5' AFF
- ▲ Temperature Logger @ 20' AFF
- 900 MBH Heater
- 1900 MBH Heater

DATALOGGER GRAPH

Logging period: 1/15/98 - 3/26/98

Logging interval: 30 minutes



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