

CASE STUDY

All Metals Service & Warehousing – Atlanta, GA

OPERATING CONDITIONS

Operating Hours: 24 hrs/day 7 days/wk

Design Temperature: 60° @ 17°

Thermostat Setting: On @ 55° / Off @ 60°

Average Temperature: 59°

Heating System: Cambridge Space Heaters

1 @ 1200 MBH

1 @ 2200 MBH

Thru wall mounting

NOTES & OBSERVATIONS

2200 MBH heater was going into reset intermittently

ACTUAL FUEL USE

for the 2000-01 heating season (2,229 Heating Degree Days @ 60°)

4.1 Btu / HDD / sq. ft.

CALCULATED OPERATING COST

for normal heating season (3,025 Heating Degree Days @ 65°)

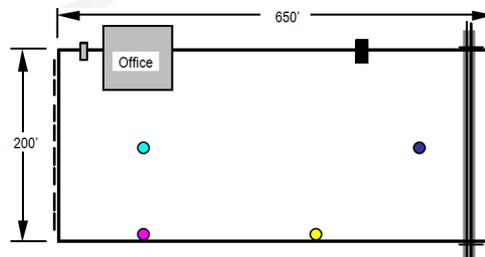
\$0.06 / sq.ft. (Gas only @ \$0.50/therm)

BUILDING DETAILS

Size: 138,000 sq.ft. x 42 ft. High

Construction: R-13 Roof

R-13 Walls



● Temperature Logger @ 5' AFF

□ 1200 MBH Heater

▭ 2200 MBH Heater

DATALOGGER GRAPH

Logging period: 11/15/00 - 1/29/01

Logging interval: 30 minutes

