

CASE STUDY

Distribution Center – Cleveland, OH

OPERATING CONDITIONS

Operating Hours: 24 hrs/day 5 days/wk
16 hrs/day weekends

Design Temperature: 65° @ 0°

Average Temperature: 65°

Heating System: Cambridge Space Heaters
14 @ 1200 MBH
12 - Under roof mounting
2 - Roof top mounting

ACTUAL FUEL USE

for the 1996-97 heating season (5,539 Heating Degree Days @ 65°)

1.5 Btu / HDD / sq. ft.

CALCULATED OPERATING COST

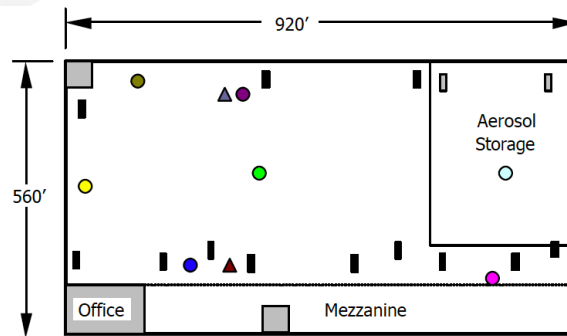
for normal heating season (5,307 Heating Degree Days @ 65°)

\$0.04 / sq.ft. (Gas only @ \$0.50/therm)

BUILDING DETAILS

Size: 514,480 sq.ft. x 34 ft. High

Construction: R-15 Roof
R-11 Walls



- Temperature Logger @ 5' AFF
- ▲ Temperature Logger @ 32' AFF
- Under roof heater
- Roof top heater

DATALOGGER GRAPH

Logging period: 12/18 - 1/14

Logging interval: 15 minutes

