

Cambridge Case Study

Distribution Center
Atlanta, GA



BUILDING DETAILS

Size: 350,000 sq.ft. x 33 ft. High
Construction: R-10 Roof
R-1.5 Walls

OPERATING CONDITIONS

Operating Hours: 24 hrs/day 7 days/wk
Design Temperature: 50° @ 10°
Thermostat Setting: On @ 62° / Off @ 70°
Average Temperature: 63°
Heating System: Cambridge Space Heaters
2 @ 1325 MBH
2 @ 2200 MBH
Roof top mounting

Notes & Observations:

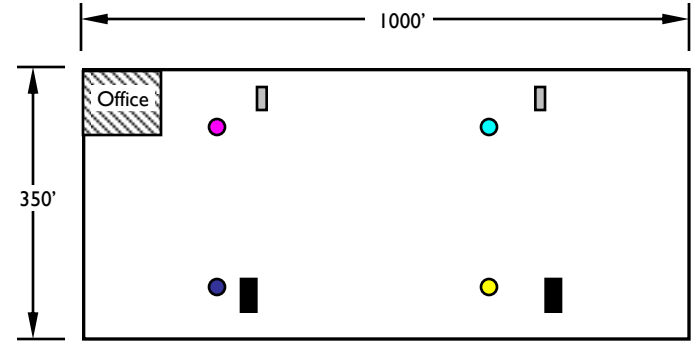
No data from National Weather Service for 12/13 and 12/14

CALCULATED OPERATING COSTS *

for 30 year (1971-2000) average heating seasons

Indoor Temp	HDDs	@ \$0.75 / therm	@ \$1.00 / therm	@ \$1.25 / therm
50°	0	#DIV/0!	#DIV/0!	#DIV/0!
55°	0	#DIV/0!	#DIV/0!	#DIV/0!
60°	0	#DIV/0!	#DIV/0!	#DIV/0!
65°	0	#DIV/0!	#DIV/0!	#DIV/0!

* based on actual consumption of 0 therms for 0 Heating Degree Days



● Temperature Logger @ 5' AFF

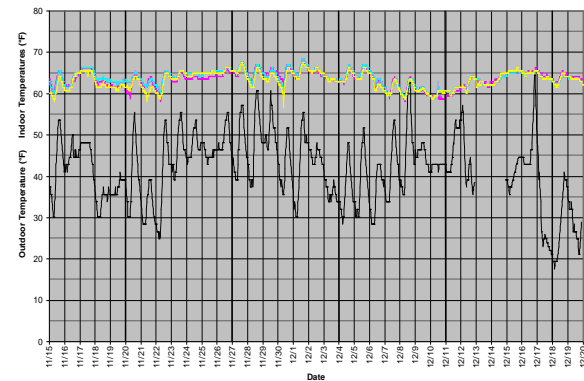
▭ 1325 MBH Heater

▭ 2200 MBH Heater

DATALOGGER GRAPH

Logging period: 11/15/00 - 12/20/00

Logging interval: 30 minutes



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