

Cambridge Case Study

Distribution Center

Mehoopany, PA (N.E. Pennsylvania)



BUILDING DETAILS

Size: 1,701,000 sq.ft. x 40 ft. High
Construction: R-13 Roof
 R-10 Walls

OPERATING CONDITIONS

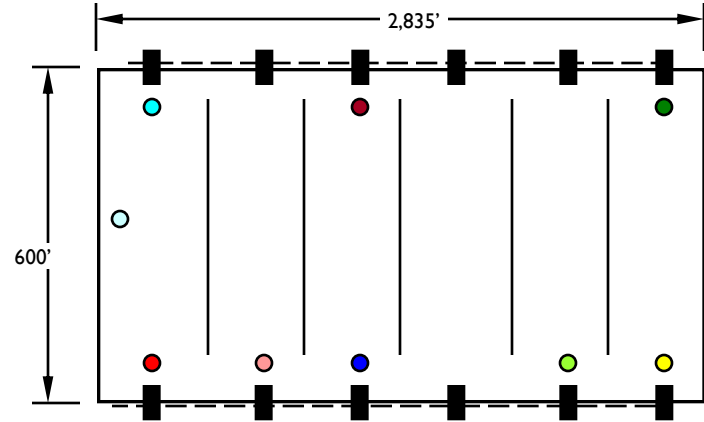
Operating Hours: 24 hrs/day 7 days/wk
Design Temperature: 45° @ 0°
Average Temperature: 56°
Heating System: Cambridge Space Heaters
 8 @ 3000 MBH
 4 @ 2200 MBH
 Thru-wall mounting

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!

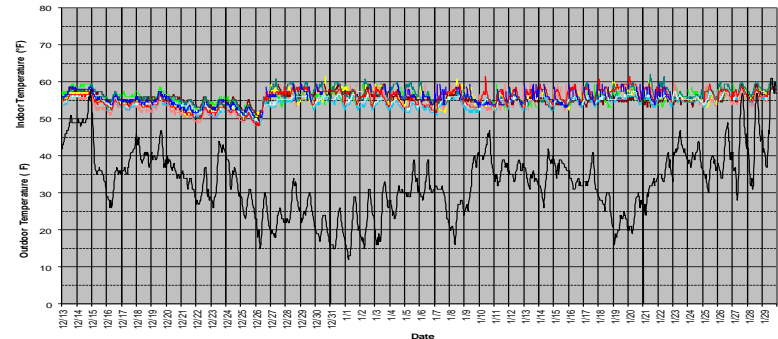
* based on actual consumption of 0 therms for 0 Heating Degree Days



● Temperature Logger @ 5' AFF
 ▲ Temperature Logger @ 24' AFF
 ■ Heater

DATALOGGER GRAPH

Logging period: 12/13/01 - 1/29/02
Logging interval: 30 minutes



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