

CASE STUDY

Boat Dealership – MI

OPERATING CONDITIONS

Operating Hours: 24 hrs/day 7 days/wk

Design Temperature: 50° @ 0°

Thermostat Setting: 50°

Average Temperature: 50°

Heating System: Cambridge Space Heaters

2 @ 738 MBH

Outdoor vertical mounting

ACTUAL FUEL USE

for the 2002-03 heating season (3,140 Heating Degree Days @ 50°)

4.6 Btu / HDD / sq. ft.

CALCULATED OPERATING COST

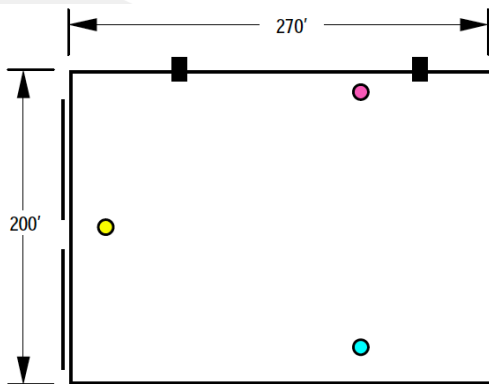
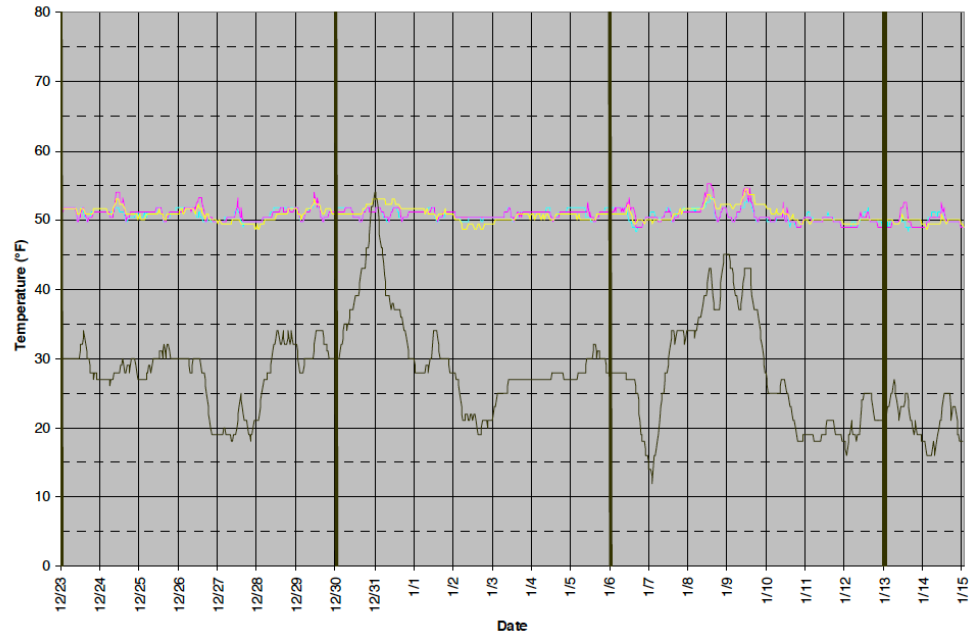
for normal heating season (3,103 Heating Degree Days @ 50°)

\$0.07 / sq.ft. (Gas only @ \$0.50/therm)

DATALOGGER GRAPH

Logging period: 12/23/02 – 1/15/2003

Logging interval: 30 minutes



● Temperature Logger @ 5' AFF

■ Heater

BUILDING DETAILS

Size: 54,000 sq.ft. x 37 ft. High

Construction: R-22 Roof

R-15 Walls