



FUEL SAVINGS REPORT

for

RACING TIRE WAREHOUSE FACILITY

LAKEVILLE, INDIANA

PROJECT HISTORY

Two (2) THERMO-CYCLER® GTC-400 Gas Fired Heating Units were selected as the preferred heating system in the new 30,000 square foot warehouse building for this racing tire manufacturer.

BUILDING DATA

- ◆ TOTAL AREA: 30,000 SQ. FT. (200' x 150')
- ◆ AVERAGE HEIGHT: 18 FT.
- ◆ OVERHEAD DOORS: 5 OVERHEAD DOORS
- ◆ WALL CONSTRUCTION: METAL BUILDING WITH R-11 INSULATION
- ◆ ROOF CONSTRUCTION: METAL BUILDING WITH R-19 INSULATION
- ◆ INSIDE DESIGN: 65° OCCUPIED, 55° UNOCCUPIED
- ◆ BUILDING USAGE: TIRE WAREHOUSE

**9.9¢
per
sq. ft.**

Seasonal Gas Usage & Cost		
Billing Period	Mcf Used	Fuel Cost
October 26 -November 29	64.2	\$ 316
November 29 - December 28	117.1	\$ 659
December 28 - January 27	128.0	\$ 720
January 27 - February 27	132.8	\$ 746
February 27 - March 29	102.8	\$530
March 29- April 27	.1	\$ 6
Annual Total	545.0 Mcf	\$2977 (@ \$5. ⁴⁶ per Mcf)

BOTTOM LINE

During the first season of operation, energy efficient recovery of all internal sources of heat gain by THERMO-CYCLER System and effective use of setback controls resulted in a seasonal heating cost of 9.9 cents per square foot based on an average gas cost of \$5.⁴⁶ per Mcf.



(FR88115AA)