

Compare Existing Equipment to New Equipment

This program will dramatically show the operational cost savings of HVAC equipment: Geothermal, Gas, Oil, Electric and Hybrid Heat Pumps. The use of many attractive charts and graphs will help close the sale.

- Compare single or two-stage furnaces
- Compare air conditioners and heat pumps
- Compare geothermal and dual fuel systems
- Calculations are based on the BIN method
- Automatically load AHRI data
- Compare variable speed equipment
- Compare fan cost for continuous fan usage
- Charts

Estimated Annual Cost Comparisons
Operating Hours
Payback and ROI

- **Unlimited Licensing**
- **Free Technical Support**

"We utilize the Energy Analyzer program with our sales presentation, which usually results in a more educated consumer who is willing to invest in the most efficient system we have to offer. As an HVAC Contractor like most, I do not have an abundance of free time. Adtek has stayed on top of things with current data and has answered every question I have ever had. The operational cost and return on investment on heat pumps within the program have truly amazed my clients."

-Dean, Bentley Heating & Air

Show a comparison in just four simple steps:

- 1) Input Heat Gain/Loss Information
- 2) Enter Design Conditions, by City/State
- 3) Input Utility Costs
- 4) Select AHRI Listed Equipment

Operating Cost

File Setup Utilities Help Exit

Cust. Information General Information Unit Information Bin Analysis Graphs ROI

This software is to be used for annual cost comparison purposes only. Operating cost may differ depending on individual or family living styles. This software does not reflect actual operating costs.

Design Conditions
Heat Loss: 70000, 0.77, 53900
Heat Gain: 36000, 1.00, 36000
Bin Data: Chicago Midway AP, Illinois

Outdoor Design Temperature (Cooling): 91°F, 32.8°C
Outdoor Design Temperature (Heating): 0°F, -17.8°C
Start Cooling at: 75°F, 23.9°C
Start Heating at: 65°F, 18.3°C

Fuel Costs/BTU Value

Cost per Fuel Unit	Summer	Winter	Heat Pump	BTU per Fuel Unit
Electricity/KWH	\$0.080	\$0.080	\$0.080	3413
Nat. Gas/Therm	\$1.250			100000
LP Gas/Gallon	\$2.600			91500
Fuel Oil/Gallon	\$3.800			140000

Operating Cost

File Setup Utilities Help Exit

Cust. Information General Information Unit Information Bin Analysis Graphs ROI

Existing System I System II System III

Outdoor System Indoor System Indoor Fan Type

Search GAMA Data Manual/Electric

Fuel Type: Nat. Gas
Mfg: THE TRANE COMPANY, UNITARY PL
Unit Model: TUHMB080ACV3VA

Modulating Gas Furnace: Yes
AFUE/Eff (90 = 90%): 95
Tier: 3
GAMA Ref: 110464E

First Stage Output: 0, 30400
Second Stage Output: 0, 75000

System Information

Hybrid Heat Pump/Natural Gas Furnace

SEER: 18.25, EER: []
BTUH: 35600, ARI Ref: 4385656
AFUE: 95, GAMA Ref: 110464E
BTUH Output: 75000, Fan Motor Type: []
Heat Pump Info: HSFP: 9.5
Economic Bal Pt: 1
Thermal Bal Pt: 33
Lockout Temp: 1

Continuous Fan Cost: \$20.25
Estimated Annual Cooling Cost: \$88.86
Estimated Annual Heating Cost: \$1023.21

Operating Cost

File Setup Utilities Help Exit

Cust. Information General Information Unit Information Bin Analysis Graphs ROI

Estimated Annual Comparisons

Existing	System I	System II	System III
\$3057.00	\$1836.00	\$1307.00	\$1172.00

Approximate Cost Comparisons

Actual Costs will vary depending on Life Style. These are estimated costs only.

Print Operating Hours, Operating Hours (Heating), Print Heat Loss Graph

Savings Calculator

This software is to be used for annual cost comparison purposes only. Operating cost may differ depending on individual or family living styles. This software does not reflect actual operating costs.

Comparison I Comparison II Comparison III

System Data

1st Year Energy Savings: \$1221.00
System Investment: \$7500.00
Life Expectancy: 15
Utility Inflation Rate: 0.00

Return On Investment

Estimated Total Savings: \$18315.00
Estimated Savings less Investment: \$9438.21
Total Estimated ROI (%): 206.32
Annual Estimated ROI (%): 13.75

Financing

Monthly Payments: \$184.93
Interest Rate: 8.50
Loan Term Length (Months): 48

Refresh Data From ROI Screen, Preview Report, Close