

# HVAC/R

JAMES FALCONE

Project Based Learning



**Silicon Valley**  
Career Technical Education

# PBL FOR HVAC

- ◉ Students were posed a question. ( What is the most Green and efficient system for our climate? And what about a different climate?)
- ◉ Students got into groups of 2 to 3 and researched (2) Climates one of which was in the Bay Area.
- ◉ They then had to find the most energy efficient HVAC system for that climate.
- ◉ They had to contact vendors, supply houses and businesses for additional information.
- ◉ Once the information was gathered they had to create a broacher for their choice.
- ◉ A gallery walk was done on competition and the best one would go to print.

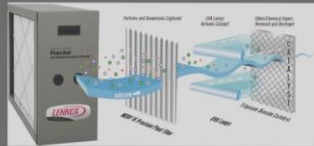
# THE BROCHUERS

## Residential

Lennox Residential is a leading provider of innovative, home heating and cooling systems. Our high-efficiency, residential air conditioners, furnaces and HVAC systems help maximize comfort while reducing utility costs. Plus, Lennox air filters, humidifiers and dehumidifiers help create healthier and cleaner indoor environments.



Get rebates of up to \$1,700 on a qualifying Lennox® Home Comfort System, or take advantage of 0% interest for up to 72 months:



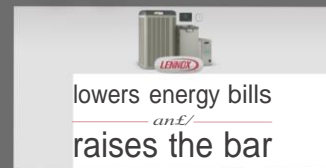
### Ozone-free indoor air quality systems

The Healthy Climate collection is the industry's first complete line of ozone free air quality systems.

In the earth's stratosphere, ozone helps to block potentially harmful ultraviolet light from reaching the ground. However, at lower levels in the atmosphere—the air we breathe—it's a product of pollution and can cause respiratory irritation.



50% quieter than a standard air conditioner



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### LENNOX

Address: 422 S Abbott Ave,  
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# CLIMATE

Miami, Florida

Climate: The climate in Miami, Florida is generally hot and humid.

Climate Scale:77.05F+

How often do they use AC? They use AC all year round.



**Goodman**

Goodman gsx 14

Price:\$879.00

Features:

- Advanced Coil Design
- High-Efficiency Compressor
- Secure Cabinet
- Filter Drier
- Quiet Comfort



**RUUD**

Competition

- Only 36% of customers recommended getting a Ruud unit.
- After reading a numerous amount of reviews on the Ruud systems I have found that many customers say to “avoid Ruud”  
Most customers have found the Ruud units to be unsatisfactory

# THE HOOK

A completed brochure ready for the public that will inform the public and the Private business owners as to what the research has found, and that has been review by “Yelp” and “Consumer reports” as well as other information gathered on Google.



**THANKS FOR TIME!!**

