

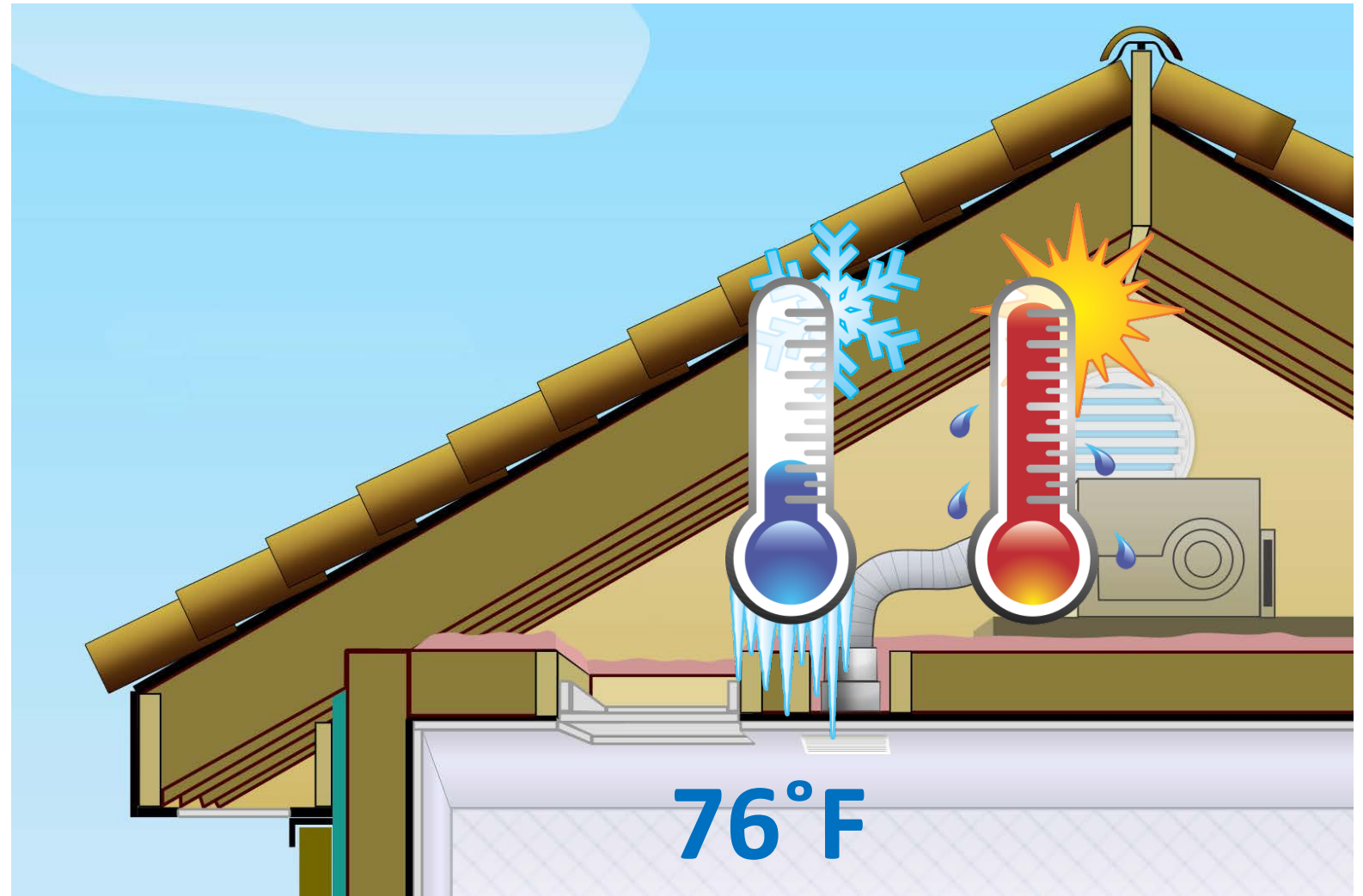


Exceeding Title 24 Standards of an HPA
Paul Warren-Building Scientist/Codes and Engineering Manager
Pat Bullion-Regional Sales Manager

Extreme Attic Conditions in California

Palm Springs
180°F+

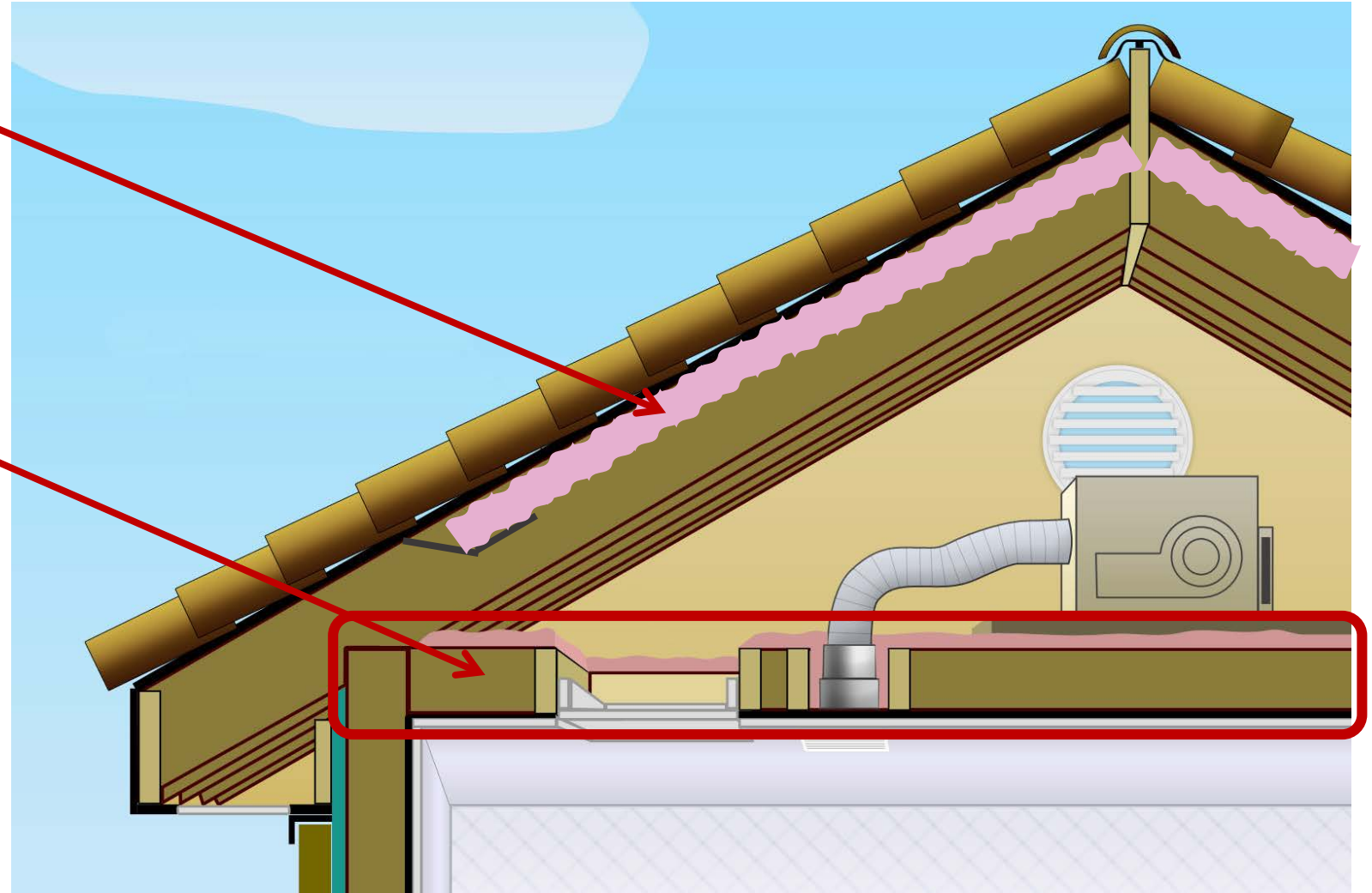
South Lake Tahoe
-10°F



Title 24 Prescriptive – Option #1

Add insulation here

Where is the thermal insulation in the building envelope?



High Performance?

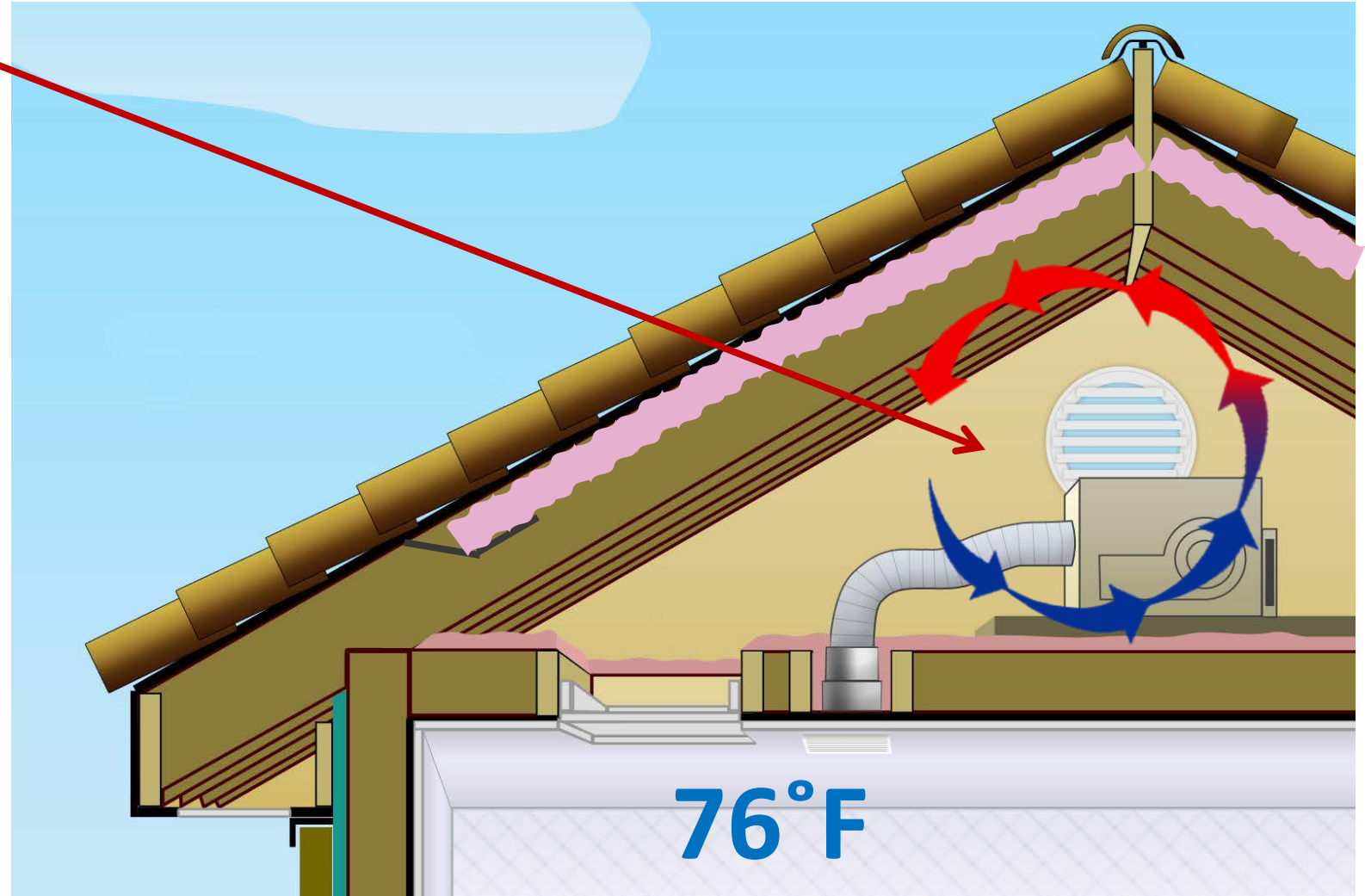
Hot and Cold air still flows in and out of the attic – temperature is at least what outdoor temperatures are.

Palm Springs

115°F+

South Lake Tahoe

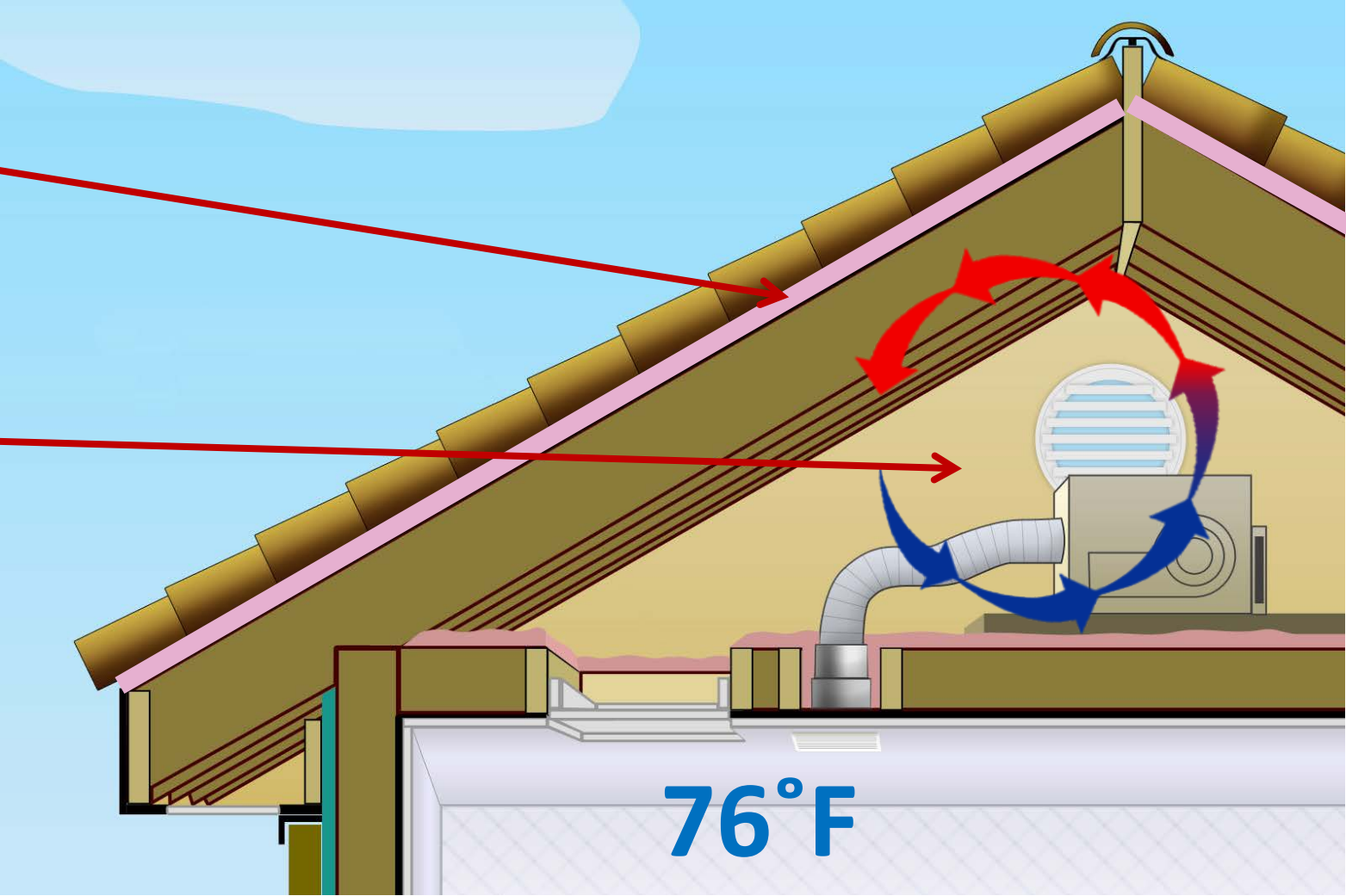
-10°F



Title 24 Prescriptive – Option #2

Add board stock insulation here

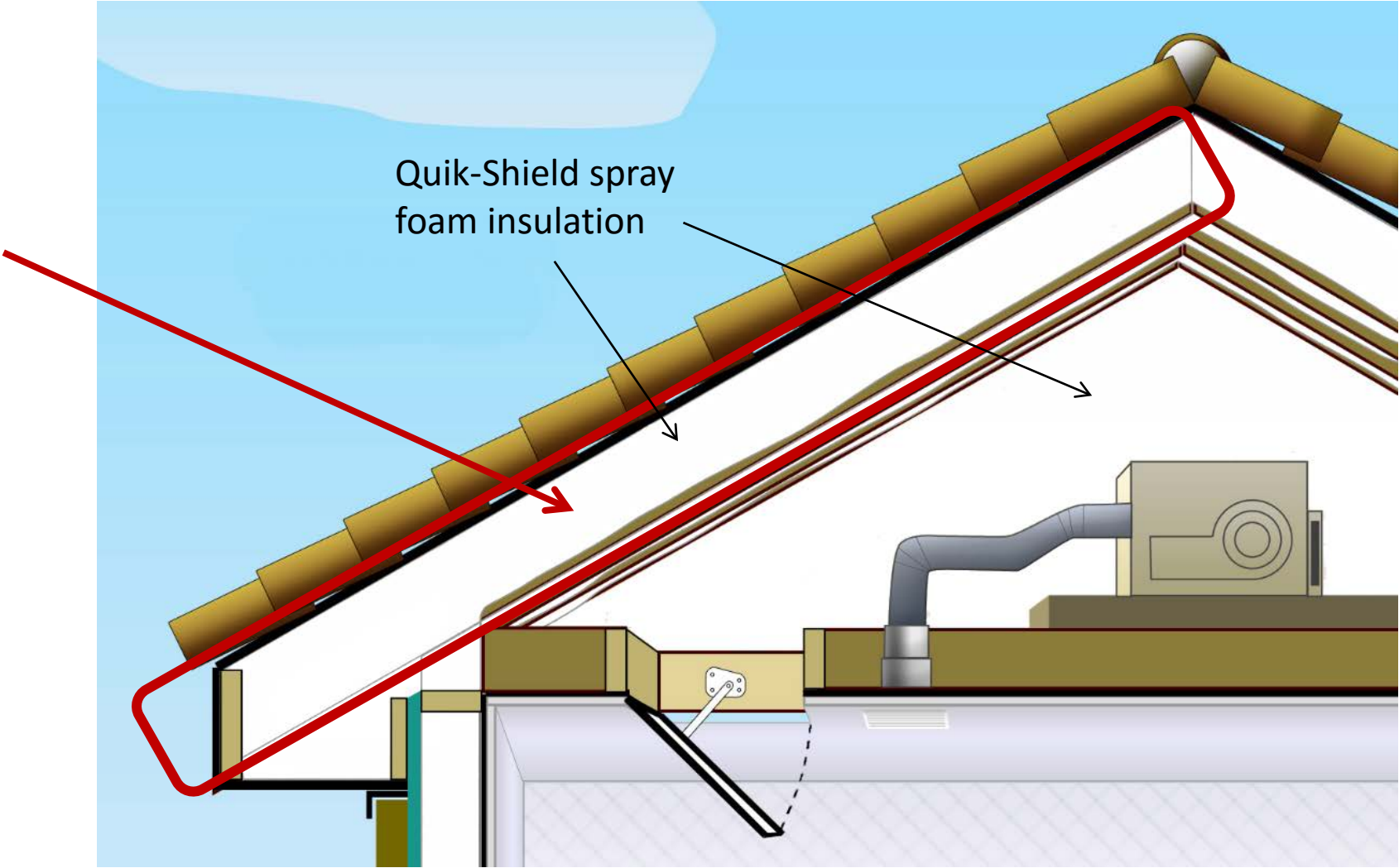
You still have vented attic problems



Title 24 Design Alternative

Spray Foam Unvented Attic

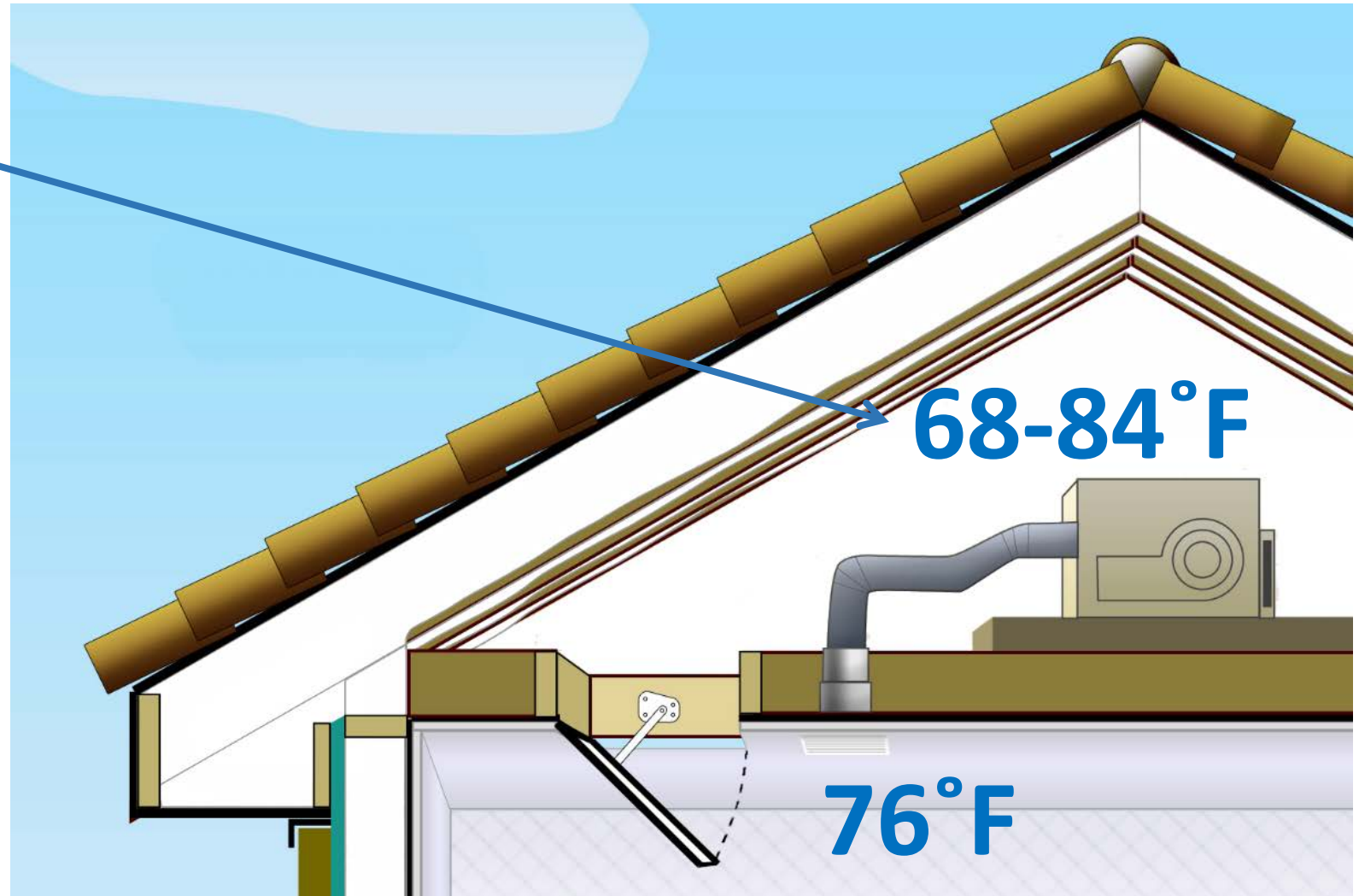
Building Envelope
thermal insulation
installed under the
roof deck



Climate Controlled Attic

**Attic Temp 5-8°F
Typical Difference
from Living Space**

- Great Air Barrier
- Downsize HVAC - runs more efficiently
- No duct insulation
- No vents
- No radiant barrier.





QUIK-SHIELD 108

Finally, Affordable Spray Foam!

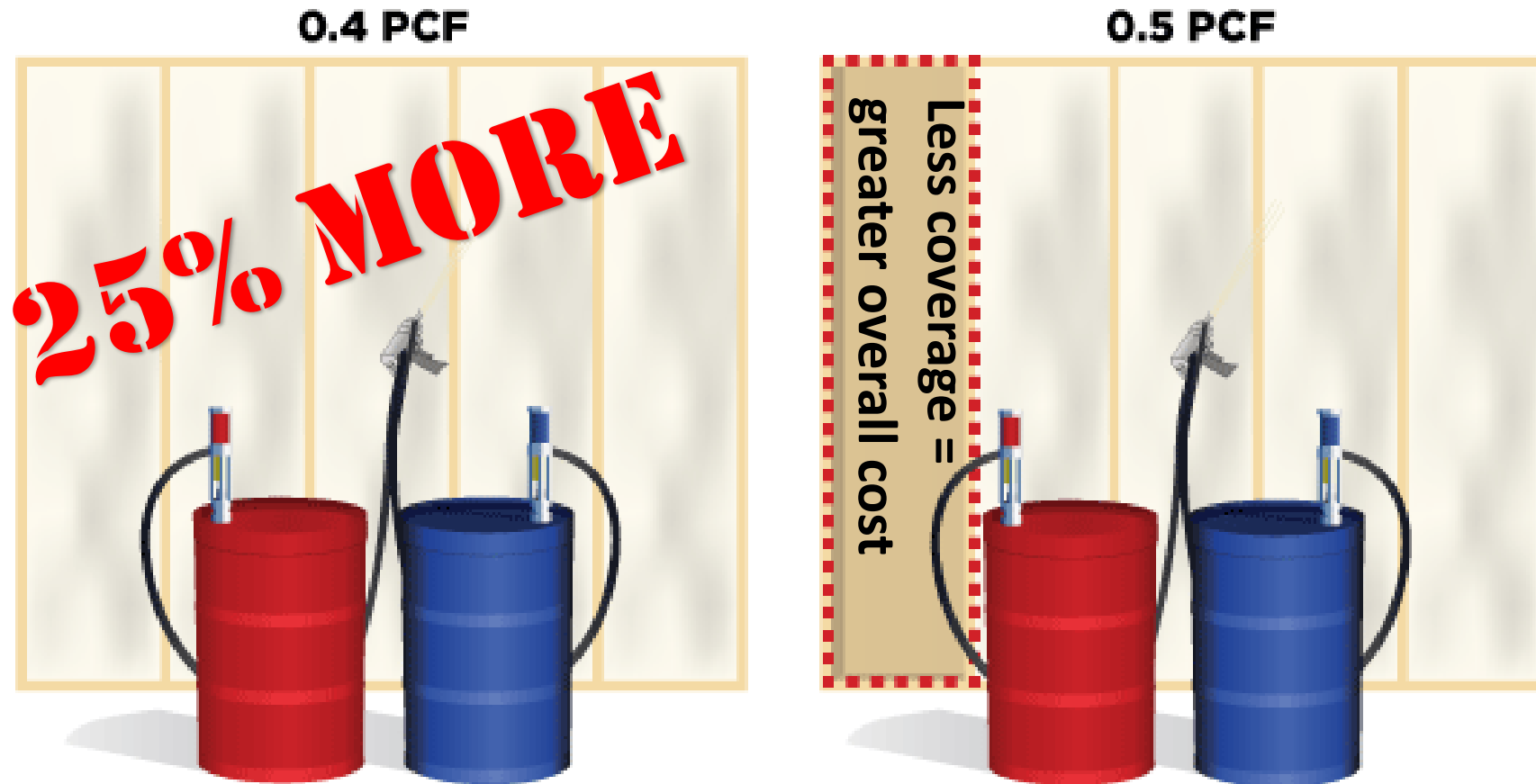
Reduced Material Cost - Faster Job Completion - Reduced Liability

Quik-Shield 108 in Action

<https://www.youtube.com/embed/-y7DIWIIOKY?rel=0>

What Makes Quik-Shield 108 Unique?

The ONLY Ultra-Low Density Spray Foam



Case Study #1

Large National Tract Home Builder

2,900 – 4,000 square feet

Spray Foam Competitor

- Attic: 5½" Spray Foam
- Walls: 3½" Cellulose

Quik-Shield 108

- Attic: 5½" Spray Foam
- Walls: 3½" Spray Foam

\$200 Savings average per home

Case Study #2

Arizona Regional Homebuilder

1,200 – 2,500 square feet

Cellulose Insulation

- Vented Attic
- Attic: R-30 Blown Cellulose
 - Soffits
 - Ridge Vents
 - Radiant Barrier
 - Larger HVAC Size

Quik-Shield 108

- Unvented Attic
- Attic: 5½" Spray Foam

ONLY \$700 more

Finally, Affordable Spray Foam

Title 24 dramatically increases the cost of traditional insulation installs

Spray foam meets design alternative Title 24 HPA standards without additional costs

- **Quik-Shield 108 - Successfully bridging the price gap between traditional insulation products and spray foam**
 - The ONLY Ultra-Low Density spray foam product
 - Faster jobsite completion

Si Robertson Sprays Foam

<https://www.youtube.com/watch?v=pMJPh2sd-uc>



Contact Us Today!

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