

# 10 Questions to Ask Your Design-Builder About Cold Storage



Consumer demand is driving the exponential increase of cold storage distribution center renovations and expansions.

As the public continues to buy groceries online, it has the potential to stimulate hunger for roughly **35 million square feet** of U.S.-based cold storage space during the next seven years.

For facility owners, that may involve developing temporary cold storage space or modifying existing freezer or cooler space to allow for growth and change. Before plunging into a cold storage expansion, take a moment to consider these questions you should ask a reputable Design-Builder.

*A M King is an integrated Design-Build firm based in Charlotte, NC that consistently and successfully delivers quality projects throughout the United States.*

1. When should I bring a Design-Builder on Board?
2. Are existing utilities capable of withstanding an expansion?
3. What is the best strategy to focus on to ease space constraints? A bigger footprint or taller height?
4. What new technologies should I evaluate to get more cooling capacity?
5. How can I save money using available incentives from local utilities?
6. What refrigeration system would be the best for this project?
7. How can I limit my refrigerant charge?
8. What is the best refrigerant to use?
9. How can I improve the energy efficiency of my refrigeration system?
10. How should I address fire protection? What is a good alternative to in-rack sprinklers?

## Related Resources

[Electrical Design Plays a Critical Role in Cold Storage Expansions](#)

[How to Create More Cold Storage Space](#)

