

# Walk-In Coolers & Freezers

Building permits are required for these types of structures, whether they will be attached to the building, detached from the building, or located within the building. The contractor performing the work is required to be licensed with the City of Salina as a mechanical contractor.

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**Attached structures** must be accompanied by all of the submittal documents required in the standard Commercial Building Permit Submittal Requirements for the City of Salina.

## **Detached structures**

### **1. For structures more than 120 sq. feet, but less than 400 sq. feet:**

- 5 copies-certified survey
- 5 copies-site plan
- Completed permit application

### **2. For structures more than 400 sq. feet, but less than 1000 sq. feet:**

- 5 copies-certified survey
- 5 copies-site plan
- Completed permit application
- 2 copies of foundation plans stamped by a Kansas licensed architect or engineer.
- 2 copies of structural, and/or wind anchorage details. If the structure will be assembled on site, plans must be stamped by an architect or engineer licensed by the state of Kansas. For factory assembled structures, only the foundation drawings must be stamped by an architect or engineer licensed by the state of Kansas. An out of state design professional may stamp structural drawings or documentation for factory assembled structures.
- If the structure will be located such that fire resistive separations or construction will be required, 3 sets of architectural plans stamped by a Kansas licensed architect.

### **3. For structures more than 1000 square feet** must be accompanied by all of the submittal documents required in the standard Commercial Building Permit Submittal Requirements for the City of Salina.

**Structures within a building** *(see reverse side of this document)* 

## Walk-in Coolers Freezers cont'd...

### Structures within a building

- Completed permit application
- The refrigeration plans must be drawn to scale and signed by the designer/contractor who drew them. Additionally, provide the following items, or include evidence of compliance on the plans:
  1. A complete material and equipment schedule, including the equipment make, model, compressor horsepower, equipment weight, refrigerant types, and quantities of refrigerant in each system, etc.
  2. Manufacturer's cut sheets for all equipment.
  3. Mounting details for all roof-mounted equipment.
  4. Floor plan showing the location of all equipment and piping. Roof plan showing the location of all racks and condensers.
  5. Plans for all freezers and coolers. If a rack or racks are used, provide complete plans.
  6. Plans must show the location of all coils and condensate lines, including freeze protection.
  7. Plans must provide calculations showing conformance with 2012 UMC 1105.2 for all applicable rooms and spaces.
  8. If refrigerated process or storage areas are not exempt from the quantities of Table 11-1, they must conform to 2012 UMC 1105.3 and the 2012 IBC Section 1015.4:
    - Each room or space over 1000 square feet must have 2 exits or exit access doors.
    - All portions of the room or space must be within 150 feet of an exit or exit access doorway. Increased travel distance must conform to 2012 IBC Section 1016.1.
    - The room or space must have a vapor-detection and alarm system.
    - The room or space must be sealed from all other portions of the building.
  9. If a refrigeration machinery room is required, it must conform to all the requirements of the 2012 UMC and plans must demonstrate compliance.