

**CHAPTER 9
FIRE PROTECTION SYSTEMS**

**SECTION [F] 903.2.9
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[F] 903.2.9 Group S-1. An *automatic sprinkler system* shall be provided throughout all buildings containing a Group S-1 occupancy where one of the following conditions exists:

1. A Group S-1 *fire area* exceeds 12,000 square feet (1115 m²).
2. A Group S-1 *fire area* is located more than three stories above grade plane.
3. The combined area of all Group S-1 *fire areas* on all floors, including any mezzanines, exceeds 24,000 square feet (2230 m²).
4. A Group S-1 *fire area* used for the storage of commercial trucks or buses where the *fire area* exceeds 5,000 square feet (464 m²).
5. A Group S-1 occupancy used for the storage of upholstered furniture or mattresses exceeds 2,500 square feet (232 m²).



Q: The area of a self-storage warehouse is between 2,500 square feet and 12,000 square feet. Spaces are rented to individuals for the storage of personal household items (which could include incidental pieces of upholstered furniture and mattresses).

Does item #5 require an automatic sprinkler system throughout the Group S-1 self-storage warehouse?

A: Yes.

This criteria is written such that any Group S-1 occupancy, not the fire area, over 2,500 square feet used for the storage of upholstered furniture and/or mattresses shall be sprinklered throughout the building. This is regardless of how much upholstered furniture and/or mattresses are actually stored.
