



## Fire Sprinklers and Bedbugs - An Irritating Situation

December 2010

We are receiving many inquiries on how to treat installed fire sprinklers in properties that are undergoing treatment for bedbug infestation. The treatment requires bringing the room temperature up to 140° F.

Unless the temperature rating on the installed sprinkler is 175° F or higher, the sprinklers must be removed from the system in all areas where the temperature exceeds 100° F.

Any sprinklers with a temperature rating of less than 175° F that have been exposed to the 140° F treatment, must be removed and replaced with new sprinklers that are equivalent in performance, temperature, etc., as the sprinkler being removed.

Our recommendation is to use new sprinklers to replace the existing sprinklers removed for the treatment period. New sprinklers would be shipped with plastic protectors (if glass bulb sprinklers) and properly packaged to protect from damage.

If the existing installed sprinklers are removed for the treatment and then reinstalled into the system, extreme care must be taken in the handling and storage of these sprinklers. This removal process should only be performed by qualified and trained personnel. The proper sprinkler wrench must be used to remove or install the fire sprinklers. Plastic protectors (if glass bulb sprinklers) should be installed on the sprinkler prior to removing the sprinkler from the system. The removed sprinklers should be placed in a partitioned sprinkler carton and then carefully stored in an area with an ambient temperature between 40° F and 100° F. Reliable will offer for sale: bulb protectors and partitioned sprinkler cartons for storage and handling.

Improper care and handling of the sprinklers, whether installing new sprinklers or reusing the existing sprinklers, can result in non-fire related operation of the sprinkler. Reliable will not be responsible for any liabilities resulting from poor installation techniques or improper care and handling of our products.