

File Ex643
Project 86NK9790
Project 94NK27308
Project 95NK14745
Project 98NK11873
Project 01NK04491
Project 01NK09248
*Project 02NK25369

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REPORT

on

AUTOMATIC AND OPEN SPRINKLERS

The Viking Corporation
Hastings, MI

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GENERAL

INTRODUCTION:

* This Report describes the investigation for Listing of the *Models H and HQR sprinklers. They are flush style pendent sprinklers intended for installation in accordance with the Standard for Installation of Sprinkler Systems, NFPA 13.

OBJECT:

The object of this investigation was to determine compliance of the sprinklers with Underwriters Laboratories Inc., Standard for Automatic Sprinklers for Fire Protection Service, UL 199.

DESCRIPTION

PRODUCT COVERED:

- * USL, CNL Models H and HQR flush style pendent sprinklers utilizing a link and lever for a maximum working pressure of 175 psig as follows:

<u>Description</u>	<u>Rating, °F</u>
Model H, standard orifice	165, 220
Model HQR, standard orifice, for use as a quick response sprinkler	165
Models H and HQR, standard orifice, for use as extended coverage pendent sprinklers in the 16 by 16, 18 by 18, and 20 by 20 ft room sizes at flow rates of 26, 33, and 40 gpm, respectively	165

GENERAL CHARACTER:

The Models H and HQR flush pendent sprinkler are link and lever style ceiling sprinklers. After the element fuses, the link halves, lever arms, lever bar and cover are ejected from the sprinkler body, allowing the deflector to extend on two post pins.

C O N C L U S I O N - - - - -

Samples of the product covered by this Report have been found to comply with the requirements and the products are judged to be eligible for Listing and Follow-Up Service. The manufacturer is authorized to use the Laboratories' Mark on such products which comply with the Follow-Up Service Procedure and any other applicable requirements of Underwriters Laboratories Inc. Only those products which properly bear the Laboratories' Mark are considered as Listed by Underwriters Laboratories Inc.

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