

File Ex3836
Project 95NK16745
Project 95NK34820
Project 97NK21624
Project 98NK5103
Project 99NK36385/Ex643
Project 00NK24588
Project 02NK16262
*Project 02NK38001

Issued: 1995-10-26
Revised: 2002-10-11

REPORT

on

RESIDENTIAL AUTOMATIC SPRINKLERS

Viking Corporation
Hastings, MI

Copyright © 1995 Underwriters Laboratories Inc.

Underwriters Laboratories Inc. authorizes the above named company to reproduce this Report provided it is reproduced in its entirety.

DESCRIPTION

PRODUCT COVERED:

USL, CNL SIN VK430, 4.3 K-Factor by 1/2 in. NPT 4.3 "K-Factor", pendent and recessed pendent, 3 mm glass bulb type manufactured by either Job GmbH or Norbulb Sprinkler Elemente GmbH, heat responsive element, 155 and 175°F temperature rated residential type sprinklers. These sprinklers have a maximum pressure of 175 psig for wet systems only for spacings and flow rates as indicated below:

SIN	Style	Temperature Rating, °F	Nominal Orifice Diameter, in.	K-Factor	Maximum coverage Area, Width by Length, ft	Minimum Required Flow, gpm/Sprinkler	Minimum Flowing Pressure, psig
VK430	Pendent, Recessed Pendent	155, 175	7/16	4.3	12 by 12	12	7.2
VK430	Pendent, Recessed Pendent	155, 175	7/16	4.3	16 by 16	13	9.1
VK430	Pendent, Recessed Pendent	155, 175	7/16	4.3	18 by 18	21	23.9
VK430	Pendent, Recessed Pendent	155, 175	7/16	4.3	20 by 20	21	23.9

GENERAL:

The devices are automatic residential sprinklers of the glass bulb type consisting of a frame, deflector, spring washer gasket assembly, compression screw and heat responsive element.

USE:

The residential sprinklers are for use in their intended operating position only in accordance with the National Fire Protection Association Standards for Installation Of Sprinkler Systems, NFPA 13D, NFPA 13R and NFPA 13; and the manufacturer's installation instructions (see Fig. I).

RATING:

The sprinklers are produced in the following temperature ratings:

<u>Rating, °F</u>	<u>(Glass Bulb) Color Identification</u>
155	Red
*175	Yellow

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.

Report by:

Reviewed by:

MICHAEL G. McCORMICK
Engineering Associate

GEORGE E. LAVERICK
Engineering Group Leader



Kerry Bell
Manager -- Operations
Fire Protection Division