

RESIDENTIAL FIRE SPRINKLER

ABSTRACT

A pendent type residential fire sprinkler is described. The residential fire sprinkler has a body (12) with a K-factor of at least 6, a passage (26) coupled to a deflector assembly (18) that distributes fluid flowing through the passage (26) over a coverage area to perform in accordance with Underwriters Laboratory Standard 1626 (Oct 2003) for listing by Underwriters Laboratory Incorporated so that the body and a heat responsive trigger (36) disposed between the passage (26) and the deflector assembly (18) of the sprinkler can be installed in accordance with the 2002 Edition of National Fire Protection Association Standards 13, 13D, and 13R. Various aspects of the residential fire sprinkler, including a method of protecting a residential dwelling unit are described.

FIG. 2