



# Model B Model FM Spray Nozzles

Reliable Models B Open Window, FM Open Window and FM Open Cornice Nozzles are especially designed for external use. They are installed in locations where a blanket of water is desired over a predetermined area. Open Nozzle systems can be operated manually or by quick opening valves that are pneumatically, hydraulically or electrically controlled.

All Open Nozzles are available in the following finishes: Plain Bronze, Chrome Bright, lead plated, wax coated or wax coated over lead plated. No waterway protection is provided.

The following table lists Reliable Open Nozzles by type, orifice size, pipe connection size, overall length, installation position and SIN.

Installation positions other than the design installation position shown in the table may be used. However, the resulting distribution pattern in the installed position must be carefully considered.

Type	Orifice Size	NPT Thread	K Factor		Overall Length	Installation Position	Sprinkler Identification Number (SIN)
			US	Metric			
Window (Model B)	$\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ "	$\frac{1}{2}$ "	1.81, 2.57, 3.45	26, 37, 50	1 $\frac{13}{16}$ "	Pendent	R0413, R0414, R0415
Window (Model FM)	$\frac{1}{2}$ " $\frac{5}{8}$ ", $\frac{3}{4}$ "	$\frac{1}{2}$ " $\frac{3}{4}$ "	7.0 11.21, 16.00	101, 161, 230	3"	Pendent Pendent	R0418, R0416, R0411
Cornice (Model FM)	$\frac{1}{2}$ " $\frac{5}{8}$ ", $\frac{3}{4}$ "	$\frac{1}{2}$ " $\frac{3}{4}$ "	7.0 11.21, 16.00	101, 161, 230	2 $\frac{5}{8}$ " 2 $\frac{5}{8}$ "	Upright Upright	R0428, R0426, R0421

Refer to the appropriate automatic sprinkler product bulletins for listing and approval information.

**Model B  
Open Window Nozzle**

This Nozzle is designed to provide protection for exterior wall, windows and other openings of buildings that may be subjected to fire spreading from neighboring properties. It is usually installed at the top of windows or other openings.

The Model B Open Window Sprinkler may be utilized in the protection of such things as horizontal, multi-tier veneer dryers and structural steel members not requiring fire-resistant insulation. For such uses the authority having jurisdiction should be consulted for the acceptance of the application.

A Model B Open Window Sprinkler distributes water in a fan-shaped pattern against the exterior surface, resulting in a water curtain extending all the way to the ground.

UL Listed, FM Approved.

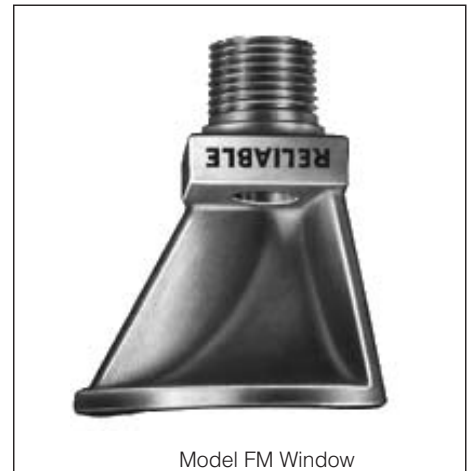


Model B  
Window

**Model FM  
Open window Nozzle**

This Nozzle performs the same basic function for the protection of exterior walls and their openings as the Model B Open Window Sprinkler. Having a larger orifice than the Model B Open Window Sprinkler, it distributes a larger volume of water.

FM Approved.



Model FM Window

**Model FM  
Open Cornice Nozzle**

This Nozzle is installed under building cornices and ridges to provide protection for these exterior surfaces. Because of the special contour of the deflector, it distributes water equally on opposite sides in a narrow fan-shaped curtain. The distribution pattern covers the underside of cornices and ridges with water.

FM Approved.

For specific water distribution information, refer to the spray distribution section of the catalog.



Model FM Cornice

The equipment presented in this bulletin is to be installed in accordance with the latest pertinent Standards of the National Fire Protection Association, Factory Mutual Research Corporation, or other similar organizations and also with the provisions of governmental codes or ordinances whenever applicable.

Products manufactured and distributed by Reliable have been protecting life and property for over 80 years, and are installed and serviced by the most highly qualified and reputable sprinkler contractors located throughout the United States, Canada and foreign countries.

Manufactured by



**The Reliable Automatic Sprinkler Co., Inc.**

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