

Blow-Off Plugs No. 16 thru No. 34 Protectospray® Nozzles K=5.6 (80) & K=8.0 (115) Open Sprinklers

General Description

The Blow-Off Plugs are used in applications where protection is required against insect infestation or accumulation of debris within the orifice of an open Protectospray Nozzle or open sprinkler. The Blow-Off Plugs are designed for both indoor and outdoor use.

WARNINGS

The Blow-Off Plugs described herein must be installed and maintained in compliance with this document, as well as with the applicable standards of the National Fire Protection Association, in addition to the standards of any other authorities having jurisdiction. Failure to do so may impair the performance of these devices.

The owner is responsible for maintaining their fire protection system and devices in proper operating condition. The installing contractor or sprinkler manufacturer should be contacted with any questions.

Technical Data

Approvals

Not Applicable.

Physical Characteristics

EPDM

Installation

With reference to Figure 2, the Wire is to be secured to the thread relief of the nozzle or sprinkler by looping the Wire around the thread relief and twisting the end of the Wire.

When the Blow-Off Plug is installed, there is to be a minimum of 5 inches (125 mm) of Wire between where the Wire is looped around the nozzle thread relief and attached to the Blow-Off Plug. The minimum length of 5 inches (125 mm) will help to assure that there will be an unrestricted flow from the nozzle or sprinkler outlet during operation.

Care and Maintenance

The Blow-Off Plugs must be maintained and serviced in accordance with the following instructions:

NOTE

Before closing a fire protection system main control valve for maintenance work on the fire protection system that it controls, permission to shut down the affected fire protection system must be obtained from the proper authorities and all personnel who may be affected by this action must be notified.

Water spray fixed systems for fire protection service require regularly scheduled care and maintenance by trained personnel. In addition to inspecting nozzles for proper spray performance during water flow trip tests of the system, it is recommended that open nozzles or sprinklers with Blow-Off Plugs be inspected to assure that the Blow-Off Plugs are in place. Also, open nozzles or sprinklers with Blow-Off plugs are to be periodically inspected for broken or missing parts including blow-off plugs, loading/obstructions, or other evidence of impaired protection.



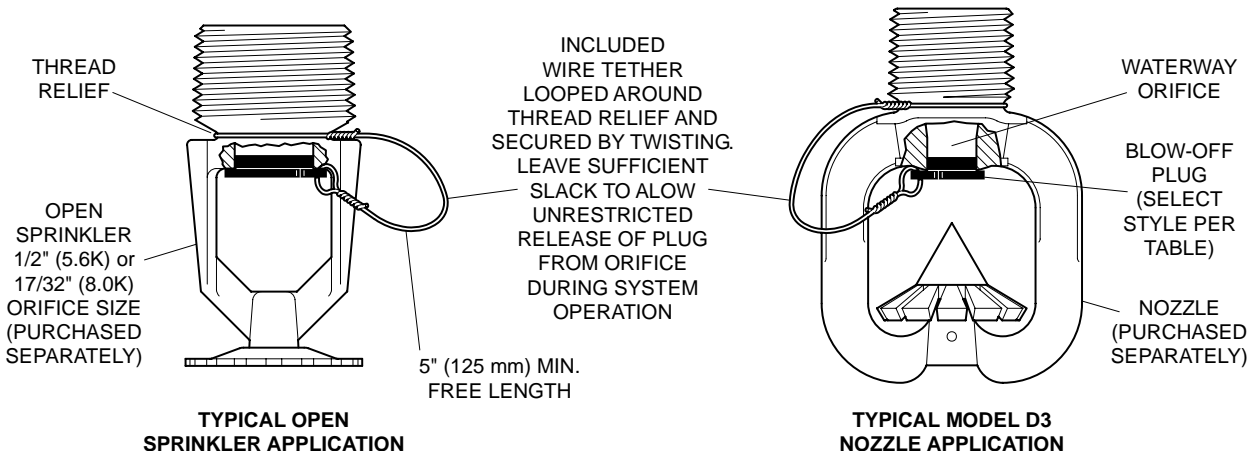
For installations subject to freezing and where Blow-Off Plugs have been installed, a periodic inspection must be performed for evidence of ice build-up from trapped condensate which could affect the proper release of the Blow-Off Plug.

The inspections should be scheduled weekly or as frequently as may be necessary, and corrective action must be taken to ensure that the open nozzles or sprinklers will perform as intended in the event of a fire.

The owner is responsible for the inspection, testing, and maintenance of their fire protection system and devices in compliance with this document, as well as with the applicable standards of the National Fire Protection Association (e.g., NFPA 25), in addition to the standards of any other authorities having jurisdiction. The installing contractor or sprinkler manufacturer should be contacted relative to any questions.

It is recommended that water spray fixed systems be inspected, tested, and maintained by a qualified Inspection Service in accordance with local requirements and/or national codes.

APPLICATION	ORIFICE SIZE	BLOW-OFF PLUG STYLE	PART NUMBER
OPEN SPRINKLER	1/2" (5.6K)	E	56-320-1-005
	17/32" (8.0K)	N	56-320-1-010
MODEL D3 NOZZLE	NO. 16	A	56-320-1-001
	NO. 18	K	56-320-1-009
	NO. 21	J	56-320-1-008
	NO. 24	I	56-320-1-007
	NO. 28	H	56-320-1-006
	NO. 32	E	56-320-1-005
	NO. 34	D	56-320-1-004



**FIGURE 1
BLOW-OFF PLUGS**

Limited Warranty

Products manufactured by Tyco Fire & Building Products (TFBP) are warranted solely to the original Buyer for ten (10) years against defects in material and workmanship when paid for and properly installed and maintained under normal use and service. This warranty will expire ten (10) years from date of shipment by TFBP. No warranty is given for products or components manufactured by companies not affiliated by ownership with TFBP or for products and components which have been subject to misuse, improper installation, corrosion, or which have not been installed, maintained, modified or repaired in accordance with applicable Standards of the National Fire Protection Association, and/or the standards of any other Authorities Having Jurisdiction. Materials found by TFBP to be defective shall be either repaired or replaced, at TFBP's sole option. TFBP neither assumes, nor authorizes any person to assume for it,

any other obligation in connection with the sale of products or parts of products. TFBP shall not be responsible for sprinkler system design errors or inaccurate or incomplete information supplied by Buyer or Buyer's representatives.

In no event shall TFBP be liable, in contract, tort, strict liability or under any other legal theory, for incidental, indirect, special or consequential damages, including but not limited to labor charges, regardless of whether TFBP was informed about the possibility of such damages, and in no event shall TFBP's liability exceed an amount equal to the sales price.

The foregoing warranty is made in lieu of any and all other warranties, express or implied, including warranties of merchantability and fitness for a particular purpose.

This limited warranty sets forth the exclusive remedy for claims based on failure of or defect in products, materials or components, whether the claim is made in contract, tort, strict liability or any other legal theory.

This warranty will apply to the full extent permitted by law. The invalidity, in whole or part, of any portion of this warranty will not affect the remainder.

Ordering Procedure

When placing an order, indicate the full product name and P/N.

Contact your local distributor for availability.

Blow-Off Plugs:

Specify: Blow-Off Plug Style (specify letter), P/N (specify from Figure 1).