

Blow-off Plugs Nos. 16 thru 34 PROTECTOSPRAY Nozzles K=5.6 (80) & K=8.0 (115) Open Sprinklers

IMPORTANT

Refer to Technical Data Sheet TFP2300 for warnings pertaining to regulatory and health information.

Always refer to Technical Data Sheet TFP700 for the "INSTALLER WARNING" that provides cautions with respect to handling and installation of sprinkler systems and components. Improper handling and installation can permanently damage a sprinkler system or its components and cause the sprinkler to fail to operate in a fire situation or cause it to operate prematurely.

Scan the QR code or enter the URL in a web browser to access the most up-to-date electronic version of this document. Data rates may apply.



docs.jci.com/tycofire/TFP890

General Description

TYCO 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.

NOTICE

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 (NFPA), 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. Contact the installing contractor or product manufacturer with any questions.

Technical Data

Approvals
Not Applicable

Physical Characteristics
EPDM

Temperature Recommendations
-30°F to 250°F (-24°C to 121°C)



Installation

TYCO Blow-off Plugs are to be installed in accordance with this section.

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.

| APPLICATION | ORIFICE SIZE | BLOW-OFF PLUG STYLE | PART NUMBER |
|-----------------|------------------|---------------------|--------------|
| OPEN SPRINKLER | 1/2 in. (5.6K) | E | 56-320-1-005 |
| | 17/32 in. (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 |

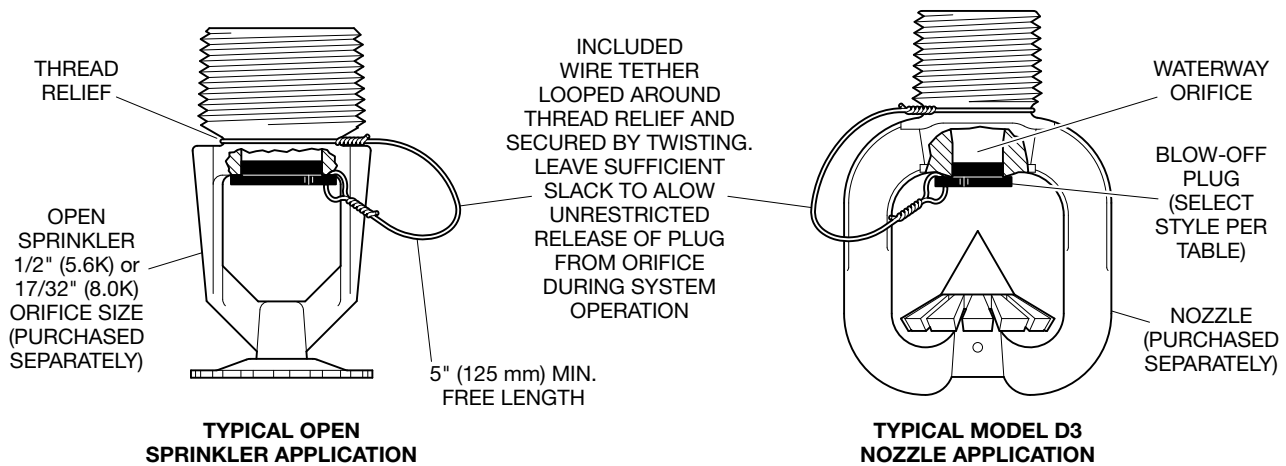


FIGURE 1
BLOW-OFF PLUGS

Care and Maintenance

TYCO Blow-off Plugs must be maintained and serviced in accordance with this section.

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.

Limited Warranty

For warranty terms and conditions, visit www.tyco-fire.com.

Ordering Procedure

Contact your local distributor for availability. When placing an order, indicate the full product name, including description and part number (P/N).

Blow-off Plugs

Specify: Blow-off Plug No. (specify from Figure 1), Style (specify letter), P/N (specify from Figure 1)



Worldwide
Contacts | www.tyco-fire.com

TFP890 Change History Appendix

| ISSUE DATE | NOTES |
|------------|---|
| 08-22 | Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 2, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 Telephone +1-215-362-0700. |
| 08-18 | Updated Tyco® branding and document format; Added Johnson Controls copyright; Added disclaimer stating specifications and information subject to change without notice; Added reference to Regulatory and Health Warning Technical Data Sheet TFP2300. |
| 02-15 | Added Temperature Recommendations to Technical Data section. |
| 04-06 | New Technical Data Sheet TFP890 describes Blow-Off Plugs for Protectospray Nozzles and Open Sprinklers. |