

WHO PAYS FOR CONDENSATION?

OWNERS

Your building has a fire sprinkler system to protect your assets and minimize down time. Ensuring the system works during a fire could save you tremendous amounts in clean-up costs, repair, and maintenance down-time.

CONTRACTORS

Your reputation equates to the amount of business you get. When freezer problems occur, owners often blame the installer. Using best practices like the DSB-2 boot will make sure the system works, saving your reputation and promoting your business.

OWNERS DECREASE YOUR COST, CONTRACTORS INCREASE YOUR REVENUE

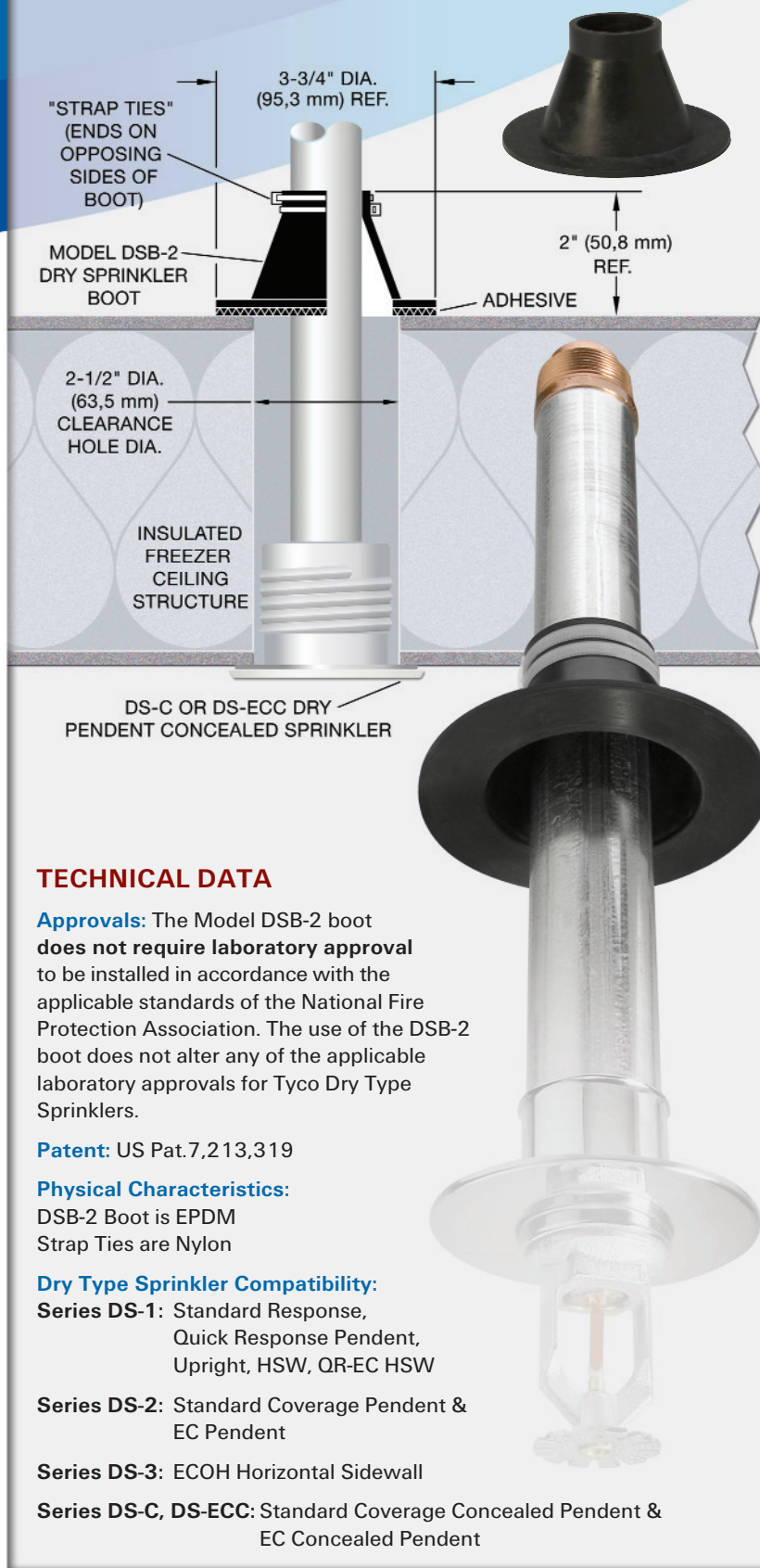
The Tyco® Model DSB-2 boot, designed for use with Tyco Dry Type Sprinklers, helps prevent the transfer of moist air into freezer spaces. It helps close the air gap created by the clearance hole through a wall or ceiling through which the dry type sprinkler has been installed. The DSB-2 boot also eliminates potential cracking of commonly used sealants – which also allows the passing of moist air.

Due to great temperature differences between the inside and outside of the freezer, condensation can form in the sprinkler. If this condensation is not controlled, ice build-up can occur which may damage the dry type sprinkler and/or prevent proper operation in a fire situation.

- ◆ Helps Prevent Moisture Build-Up From Entering Freezer Penetration
- ◆ Pliable, Non-Rigid Boot For Situations Where The Piping System "Moves"
- ◆ Eliminates The Need For Caulking Or Insulation
- ◆ Fast & Easy Installation With The Dry Sprinkler
- ◆ Accommodates Wider Penetrations For Concealed Dry Sprinklers

MODEL DSB-2 DRY SPRINKLER BOOT

For use with Tyco Dry Type Sprinklers



TECHNICAL DATA

Approvals: The Model DSB-2 boot **does not require laboratory approval** to be installed in accordance with the applicable standards of the National Fire Protection Association. The use of the DSB-2 boot does not alter any of the applicable laboratory approvals for Tyco Dry Type Sprinklers.

Patent: US Pat. 7,213,319

Physical Characteristics:

DSB-2 Boot is EPDM
Strap Ties are Nylon

Dry Type Sprinkler Compatibility:

- Series DS-1:** Standard Response, Quick Response Pendent, Upright, HSW, QR-EC HSW
- Series DS-2:** Standard Coverage Pendent & EC Pendent
- Series DS-3:** ECOH Horizontal Sidewall
- Series DS-C, DS-ECC:** Standard Coverage Concealed Pendent & EC Concealed Pendent

Always refer to the **Technical Data Sheet TFP591** for complete description for all Approvals and Listing criteria, design parameters, installation instructions, care and maintenance guidelines, and our limited warranty.

MODEL DSB-2

ORDERING PROCEDURE & SPECIFICATIONS

Purchase Number & Dry Type Sprinkler Boot Installation

THE DRY SPRINKLER BOOT INCLUDES:

- ◆ One – Boot
- ◆ Two – Strap Ties
- ◆ 1/3 oz. of Adhesive (*quantity of adhesive is sufficient for installing one Boot*).



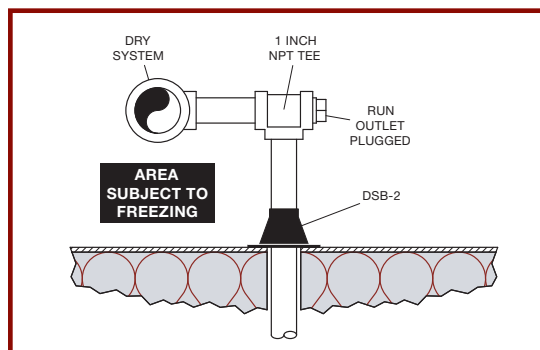
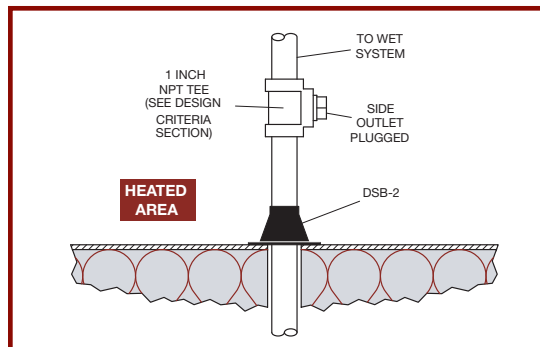
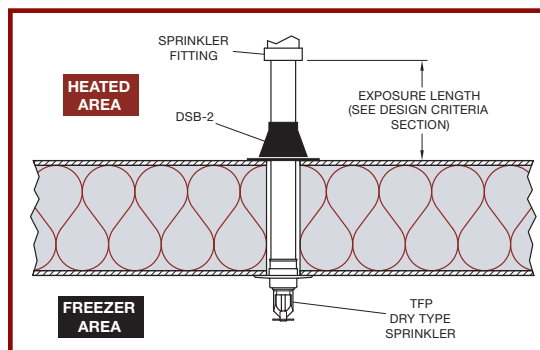
ORDERING PROCEDURE

Model DSB-2: Model DSB Dry Sprinkler Boot

P/N: 63-000-0-002

MODEL DSB-2 INSTALLATION

- Step 1:** Prepare the clearance hole per the applicable Tyco Dry Sprinkler Technical Data Sheet. For additional information on the Dry Sprinkler Boot refer to Technical Data Sheet (will provide).
- Step 2:** Insert the dry sprinkler through the clearance hole and slide the Boot over threaded inlet of the dry sprinkler. *When installing on Series DS-2 Dry Sprinklers, the Boot will require stretching. The use of a grooved coupling gasket lubricant will ease installation. Use only a petroleum free silicone grooved coupling gasket lubricant to avoid freezing of the Dry Sprinkler Boot to the Dry Sprinkler. When sliding the Boot over the length of the Dry Sprinkler, sliding is easily accomplished by slightly squeezing the Boot around the cone area.*
- Step 3:** Thread the dry sprinkler into the sprinkler fitting per the applicable Tyco Dry Sprinkler Technical Data Sheet. *Refer to the sprinkler technical data sheet for tightening torque specifications. The use of higher levels of torque than specified may distort the sprinkler inlet with consequent leakage or impairment of the sprinkler.*
- Step 4:** Clean the contact surfaces of the Boot and the building (ceiling or wall) structure with a damp cloth. Moist surfaces will aid in a quick adhesion. Use only a cloth that has been dampened with water. *The use of other cleaning techniques, solvents, etc. may render the adhesive incapable of sealing.*
- Step 5:** Apply the provided Adhesive to the building structure in a zig-zag pattern. *Refer to Warning listed in the Technical Data Sheet TFP591 regarding the adhesive.*
- Step 6:** Slide the Boot so that it comes in contact with the building structure, and then press the Boot firmly against the building structure to help ensure that the Adhesive is fully applied to both surfaces. *When sliding the Boot over the length of the Dry Sprinkler, sliding is easily accomplished by slightly squeezing the Boot around the cone area.*
- Step 7:** Wait two minutes to allow the Adhesive to sufficiently cure, then apply the two Strap Ties. The strap ties are to be applied to the straight section of the Boot so that the ends are on opposing sides of the Boot. *The ties are to be pulled sufficiently tight to the point that there is no gap between Dry Sprinkler Boot and the Dry Sprinkler. When properly installed a paper clip or wire of similar dimension cannot be slipped between the Dry Sprinkler Boot and the Dry Sprinkler.*



Tyco Fire & Building Products

Technical Services

Phone: 800-381-9312

Fax: 800-791-5500

www.Tyco-Fire.com

tyco / Fire & Building
Products

Always refer to the **Technical Data Sheet TFP591** for complete description for all Approvals and Listing criteria, design parameters, installation instructions, care and maintenance guidelines, and our limited warranty.