# The Unico System®

#### **ENGINEERING SPECIFICATIONS**

# UPC-56FR Firestop, Duct Outlet, 1-hour, UL-555C\*

#### Part No.

UPC-56FR – X X = Quantity in box

## **Package Contents**

-Firestop, White -2 Toggles and Screws per outlet -Instruction sheet

#### Application

Designed for floor, ceiling, or wall applications where the supply outlets are located in a 1-hour or less F rated structure. The firestop is designed for static conditions, meaning that the fire suppression system should turn off the air flow in the event of a fire.

It is dimensionally identical to the standard Unico round outlet (UPC-56B) and should be installed in the same manner as all other Unico round outlets.

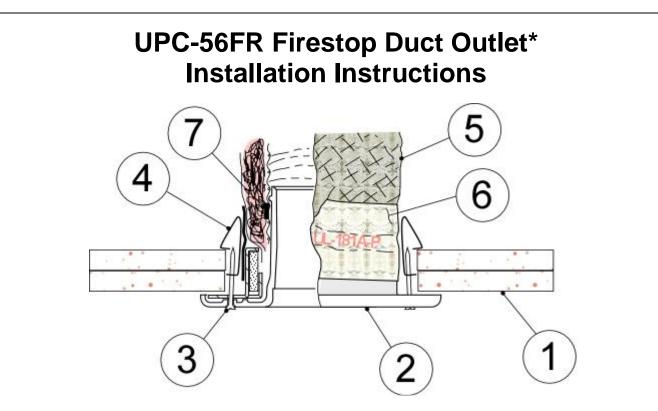
\*Patent Pending





UPC-56FR Listed Duct Outlet 1-hour F-Rating per UL 555C





- 1. **Floor or Ceiling Assembly** Minimum 1-inch thick or 2 layers 1/2-inch thick fire-rated gypsum board constructed per IMC 2000. Diameter of opening to be 4-inches (102 mm).
- 2. **Firestop Outlet** One firestop outlet centered within opening. The firestop outlet consists of a 3.3 inch diameter x 1 inch galvanized steel tube with an intumescent material lining. The firestop outlet must be installed in accordance with this instruction. The firestop outlet is secured in place with the supplied toggles and screw.

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2A. **Caulk** – (Optional, not shown) – As an option, the firestop outlet can be further sealed with a bead of fire-rated caulk between the back of the firestop outlet and the ceiling assembly.

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- 3. Screw #4 x 1.5 inch long screw. Two per device.
- 4. Toggle Single-sided toggle. Two per device.
- 5. **Duct** Unico Sound Attenuator or Supply Tubing rated as an Air Duct per UL Standard 181. Peel back the insulation and secure the inner duct to the Firestop device using a metal hose clamp. Straighten the insulation and outer vapor barrier of the duct and stuff into and under the metal tube lined with the intumescent material.

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- 6. **Tape** Secure and seal the duct vapor barrier to the outside of firestop metal tube with aluminum tape listed per UL Standard 181A-P. Tape must bear the UL mark.
- 7. **Clamp** Metal clamp to secure the duct to the Firestop Outlet.

