

D344-TF



Fire Systems

EN | Installation Instructions  
Tube Filter Kit

**BOSCH**

## 1.0 Description

The D344-TF Tube Filter Kit is used with the D340 Series (D340/D342/D342/D343) Duct Smoke Detector Housings.



NFPA-72 requires a semi-annual visual inspection of duct smoke detectors. Be sure to clean or replace the tube filters at this time. If replacements are required, order Bosch Model D344-TF (supplied in packs of two filters).



It is important to notify all concerned parties prior to any maintenance or testing of the fire alarm system and again at the completion of these activities.

Clean the detector and base at least once a year using a vacuum or clean/dry compressed air.

The Tube Filter Kit includes two tube filters.

## 2.0 Installation

These instructions assume the D340 Series Detector Housings were installed according to the *D340 Installation Instructions* (P/N: 48188) and are in proper working order.

To install the D344-TF tube filter:

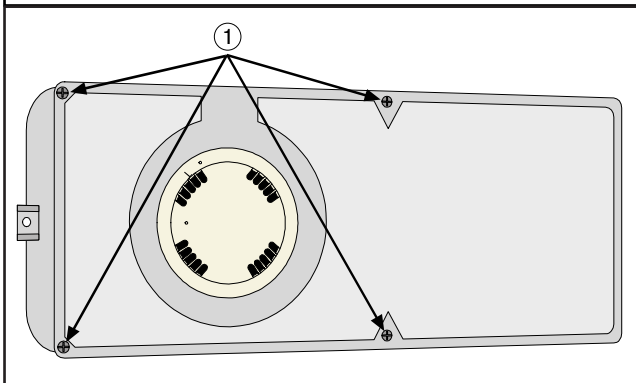
1. Remove the cover mounting screws, as identified in *Figure 1* on page 3.
2. Remove the old filters as seen in *Figure 2* on page 3.
3. Install the new filters (see *Figure 3* on page 3).
4. Replace the cover.
5. Test each detector separately to ensure it causes a control panel alarm.



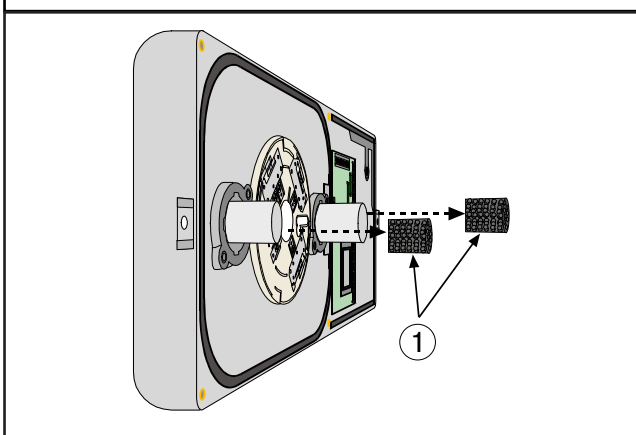
Airflow must be verified to ensure the system is operating properly. Using a manometer is recommended to confirm the correct velocity pressure readings exist for the range of 300 ft/min to 4000 ft/min (1.5 m/sec to 20.3 m/sec).



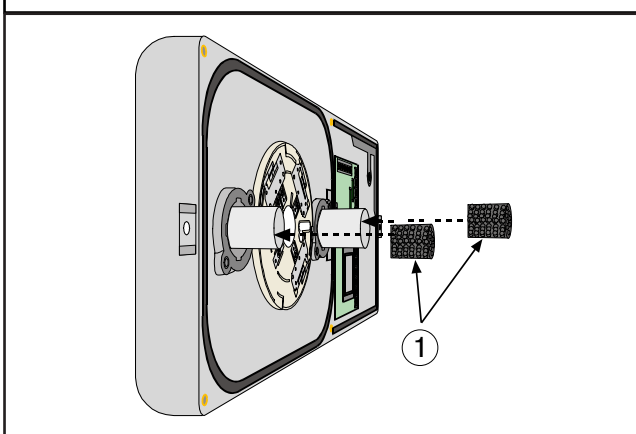
Reset the control panel after each test.

**Figure 1: Cover Mounting Screws**

1 - Cover Screws

**Figure 2: Removing Old Filters**

1 - Old Tube Filters

**Figure 3: Installing New Filters**

1 - New Tube Filters

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