

BLOWER HOSES**1. GENERAL**

1.01 This section describes the B and C Blower Hoses and accessories used in conjunction with blowers and heater units to provide forced air ventilation and heat in manholes.

1.02 This section is reissued to change the hose designations to system standard designations.

2. DESCRIPTION AND USE

2.01 The B Blower Hose (Fig. 1) is 15 feet long and has a diameter of 8 inches. It is designed to convey air from a blower or heater unit into a manhole.

2.02 This hose is made of bright yellow, vinyl-coated, fiberglass fabric stitched over a helical coil of spring steel wire to prevent the hose from collapsing and restricting air flow. A black vinyl scuff strip is stitched to the outside of the hose as added covering for the helical spring. This scuff strip protects the hose against abrasive wear. Each cuff of the hose is equipped with a hose clamp assembly. (Fig. 2).

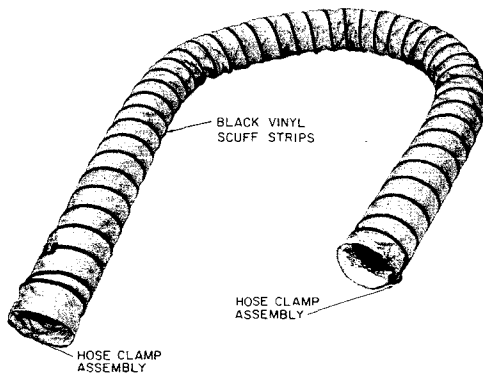


Fig. 1—B Blower Hose

2.03 The B Blower Hose Carrier Assembly (Fig. 3) is provided as a convenient means for storing and transporting the B Blower Hose.

2.04 The C Blower Hose (Fig. 4) is 4 feet long and has a diameter of 8 inches. It is designed to connect a blower to a manhole heater. Except for its length, it is of identical appearance and construction as the B Blower Hose. Two tie straps are provided as a means of securing the hose in a compact package for storage.

3. SAFETY PRECAUTIONS

3.01 Do not store the blower hose in a manhole.

3.02 After the blower hose is attached to a blower, allow the blower to operate at least one minute to purge the hose *before* lowering it into a manhole.

3.03 Never lower a blower hose into a manhole or leave it suspended in a manhole unless it is attached to a blower and the blower fan is running.

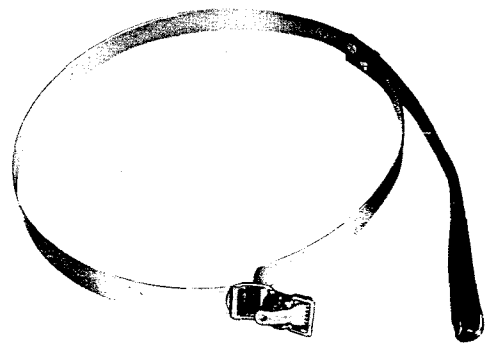


Fig. 2—Hose Clamp Assembly

NOTICE

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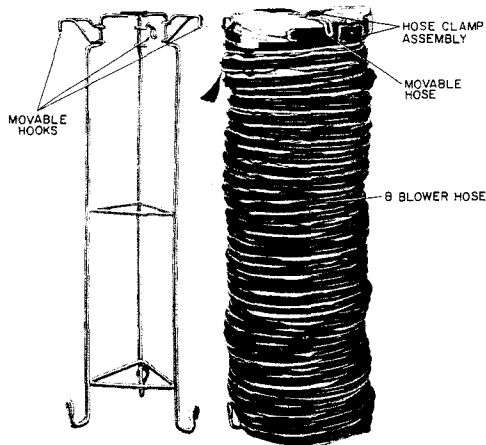


Fig. 3—B Blower Hose Carrier Assembly

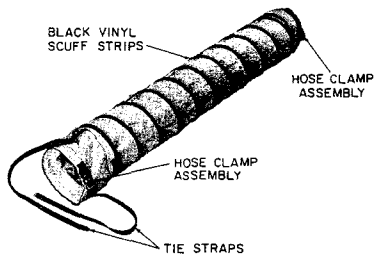


Fig. 4—C Blower Hose

3.04 Always remove the blower hose from the manhole *before* the blower fan is turned off.

4. REMOVING B BLOWER HOSE FROM CARRIER

4.01 One end of the hose carrier is equipped with fixed hooks and the other end with movable hooks. To remove the hose from the carrier, proceed as follows:

- (1) Set the carrier on the ground with the end equipped with movable hooks up. Pick a location where the hose will not interfere with anything when it is removed from the carrier, keeping in mind that the hose expands to a length of 15 feet as it comes off the carrier.
- (2) Press the hose down on the carrier until the rim of the hose clears the hooks of the carrier. While holding the hose down with one hand, turn the hooks in toward the center of the carrier with the other hand.
- (3) Allow the hose to expand and slip off the end of the carrier.
- (4) After the hose has expanded, pull the carrier out of the end of the hose and store for future use.

5. PLACING B BLOWER HOSE ON CARRIER

5.01 Turn the movable hooks on the hose carrier in toward the center of the carrier.

5.02 Lay the carrier on the ground, blocking the fixed hook end with the feet. Gather the hose onto the carrier until the movable hooks are exposed. Turn the movable hooks out over the rim of the hose to keep the hose on the carrier.