

Refillable Hydrocarbon Trap

1/8-inch tube compression fittings–cat.# 22012

1/4-inch tube compression fittings–cat.# 22013

Carbon refill–cat.# 20626

Maximum Operating Pressure: 125 psi

Maximum Operating Temperature: 100 °C

Installation Instructions

Restek Recommends: To ensure optimal bed packing and performance, and to minimize the likelihood of material “channeling,” gas filters should be installed vertically.

1. Locate the two ferrules included in the plastic bag.
2. Using two wrenches, placing one on an end-fitting compression nut and the other on its hex nut, turn the end-fitting compression nut in a counterclockwise direction and fully remove it from the end of the trap. Remove the brass plug.
3. Insert the tubing through the back of the inlet end-fitting compression nut. Slide the ferrule over the tubing with the tapered section of the ferrule facing away from the nut.
4. Insert the tubing into the trap fitting until the tubing rests firmly on the shoulder inside the fitting.
5. Tighten the inlet end-fitting compression nut finger tight.
6. Using two wrenches, place one on the inlet end-fitting compression nut and the other on its hex nut and tighten the end-fitting compression nut approximately an additional 3/4-turn for the 1/8-inch tubing and approximately one full turn for the 1/4-inch tubing.
7. Repeat steps 2-6 for the outlet side of the trap.
8. Pressurize the system and leak check with Restek's Electronic Leak Detector (cat.# 22655).
DO NOT use liquid leak detectors.

Refill Instructions

1. Turn off the gas. Using two wrenches, placing one on an end-fitting compression nut and the other on its hex nut, turn the end-fitting compression nut in a counterclockwise direction and fully remove it from the end of the trap. Free the trap from the tubing, but do not remove the nut from the tubing.
2. Let the pressure bleed off to atmospheric pressure.
3. To remove the trap's black end cap, place a wrench on the hex nut above it and gently turn the fitting counterclockwise. (This will also rotate the end-cap, allowing it to spin off for easier filling of the trap.)
4. Empty the contents of the trap into a convenient container. (If toxic organics are trapped on this material, ensure that proper disposal procedures are followed.)
5. Refill the trap with the new carbon media (cat.# 20626).
6. Screw the end cap back onto the trap, making certain that cross threading does not occur, and hand tighten.
7. Reinstall the trap to its original position by attaching the end-compression nuts and tubing back onto the trap and gently tighten until snug and leak free.
8. Pressurize the system and leak check with Restek's Electronic Leak Detector (cat.# 22655).
DO NOT use liquid leak detectors.

Health Hazards

Inhalation: May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.

Skin Contact: May cause skin irritation.

Skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: May cause eye irritation.

Ingestion: May be harmful if swallowed.

First Aid Measures

Inhalation: Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen.

Skin: Wash with soap and water. Get medical attention if irritation develops or persists.

Eyes: Flush eyes with water for 20 minutes. Get immediate medical attention.

Ingestion: Wash out mouth with water, provided person is conscious.

Note: This document has been prepared based on a component or components of this product. Exposure to the component(s) is not expected through routine laboratory use.



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