



AMALGAM FILTER CHAMBERS

! SAFETY PRECAUTIONS

BEFORE USING FILTER CHAMBERS

1. Operating personnel should always wear suitable protective clothing and gloves.
2. All piping must be supported and aligned independently of the filter.
3. Always close valves slowly to avoid hydraulic shock.
4. Ensure that all fittings, connections and cover are properly tightened.

! CAUTION

These units incorporate an 'O'-ring seal at cover. Cover should be sealed securely, **DO NOT OVERTIGHTEN COVER** it could cause stress or failure of the cover. If leakage occurs, open the unit and clean and inspect the 'O'-ring. A suitable lubricant (non-petroleum based) applied to the 'O'-ring will facilitate the seal. Replace the 'O'-ring if stretched or otherwise damaged.

INSTALLATION

Filter is normally supported with the adjustable mounting bracket provided or mounted on a flat surface under the base. The mounting bracket is adjusted by loosening the two setscrews and sliding the bracket into desired position, then tightening the setscrews. Carefully note IN and OUT connections. Install in the proper direction of flow. The filter should be installed as near as possible to the vacuum pump to minimize the effect on vacuum pressure. Unit is shipped completely assembled and ready for installation. A filter cartridge is not included. Cartridges must be ordered separately. Have replacement quantity in stock.

OPERATION

Open inlet valve to filter slowly, checking for gasket leak. See CAUTION if leakage occurs. As the filter cartridge removes the contaminants, the vacuum across the unit will slowly drop. This can be determined by reduction in flow and performance from the filter. In normal operation, it is desirable to change cartridges when flow drops below an acceptable point, and a visual inspection indicates a build-up of particulate on the filter cartridge.

TO REPLACE FILTER CARTRIDGES

When filter cartridges are expended, close inlet and outlet valves to unit. Loosen cover lock nuts and remove cover. Remove filter cartridge.

To ensure proper disposal of amalgam waste, you should contract with a vendor-sponsored program or make disposal arrangements with an independent recycler.

Clean all parts. Inspect, clean, and replace 'O'-ring, if necessary. Install new filter cartridge. Replace cover and tighten four lock nuts. Be sure filter cartridge is sealed at compression seat at base and cover by verifying that cover is supported by filter cartridge before tightening cover lock nuts.

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