

TRACErase

Fugitive Emissions Removal System Housing Assembly Manual

TRACE
TECHNOLOGY

TRACERase

Installation Instructions

The **TRACER**ase unit is designed to eliminate hydrocarbon fractions from the fugitive emissions exiting your analyzer sample vent, without causing back pressure. The end products of this elimination process are CO₂ and water vapor. The unit has a capacity for approximately one liter per minute. Therefore, using tees and other pipe connections, you may attach any number of analyzers to the unit, as long as the total flow rate is less than one liter per minute.

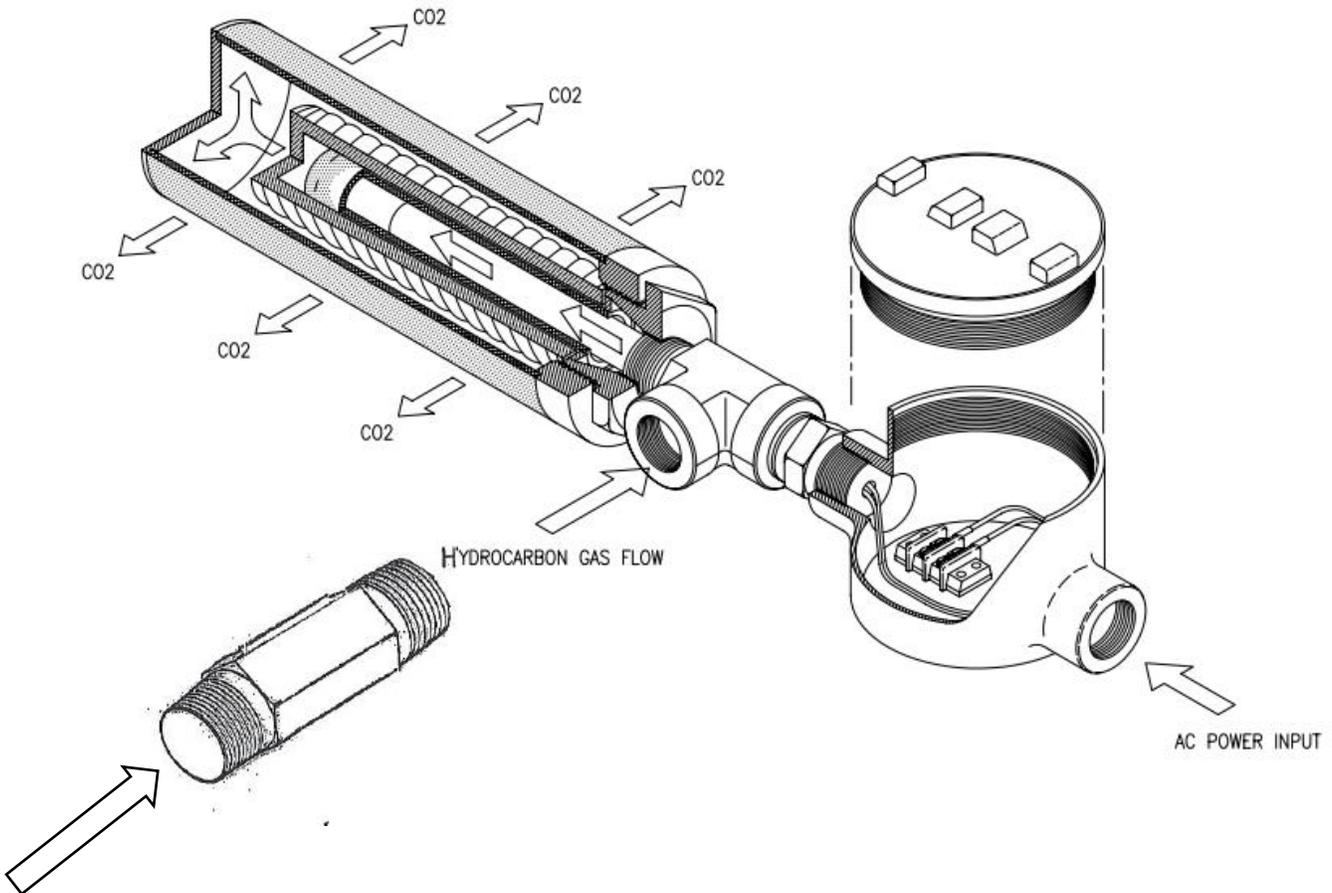
The unit can be mounted in a number of configurations. Use a configuration that best suits your particular needs.

Following are instructions for installing the unit. Refer to the drawing on the next page to identify the **TRACER**ase components.

- You must first decide on a position for mounting the unit. It is to be mounted outdoors exterior to a building or shelter with metal clamps, brackets or pipe. The outside of the housing may reach a temperature of more than 100 degrees Celsius. When mounted, the unit should be at least 12 inches from the outside wall.
- After mounting the unit, remove the junction box lid. Bring your power connection wires through the open bottom port of the junction box. Connect the ground wire to the ground screw. Connect the two power leads to the two open screw terminal posts inside the junction box.
- In Class I, Division 1 Group B atmospheres, all conduit runs must have a sealing fitting (not supplied) field-installed adjacent to the enclosure.
- Connect your analyzer vent tubing to the ¾ inch NPT port on the mid-side of the **TRACER**ase unit. You may need adapters or reducers to complete the connection, depending on the type of vent tubing used in your analyzer.

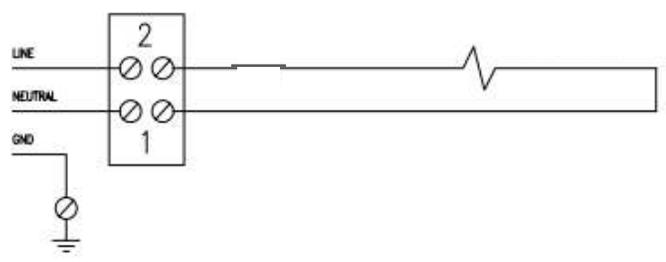
NOTE: The only consumable part that needs replacement is the catalyst cartridge, which should be changed every 6 -12 months depending on the content of the sample.

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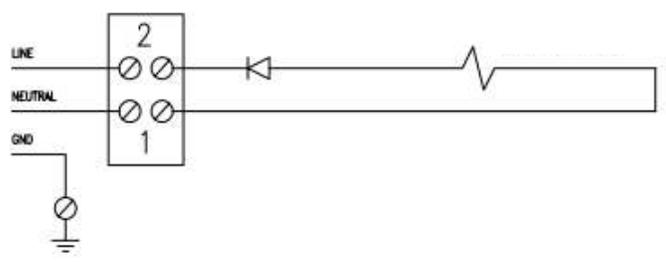


Wiring Diagrams for *TRACE*rase

80 Watts at 120 VAC



80 Watts at 220 VAC



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Assembly Diagram

