

## How to Install Zebtron Gas Management Inline Trap



Before installing, make sure your GC instrument is leak free. It is also important to ensure that the inlet and MSD vacuum chambers are clean.

1. Shut down the GC or reduce the GC oven & inlet temperature.
2. Set the carrier gas source pressure to 10 – 15 psi. Maintain gas flow before disconnecting the line from the old trap inlet fitting.
3. Remove the protective nut and plug from the INLET of the new trap. DO NOT open the plug on the OUTLET end.
4. Immediately attach the new trap to the gas source tubing using one of the included ferrule sets.

**TIP!** Failure to immediately connect the trap may result in contamination and reduced adsorption capacity which will result in additional purge time.

5. Insert the tubing through the nut and ferrule set until the tubing rests firmly against the shoulder in the fitting. Finger-tighten, then use a wrench to tighten the nut  $\frac{3}{4}$  turn for  $\frac{1}{8}$ -inch tubing and 1- $\frac{1}{4}$  turn for  $\frac{1}{4}$ -inch tubing.

6. Wait 3 minutes to stabilize the gas pressure inside the new trap, then increase carrier gas source pressure to 60 psi.
7. Open the outlet fitting and purge the trap for 3 minutes.
8. Adjust the carrier gas source pressure to a normal working level and connect the outlet fitting of the trap to the instrument tubing as described in steps 5 and 6. Wait at least 3 minutes to purge any air that may have entered the gas lines. The trap is now ready to use (see figure a)

**TIP!** A wait time of up to 2 hours may be required during first installation, especially for GC-MS and in cases where installation was done slowly.

Maximum operating pressure: 250 PSIG  
Maximum operating temperature: 100 °C  
Maximum flow rate: 8 L/min



## Zebron™ Gas Management Inline Trap Ordering Information

### Zebron Gas Management Inline Trap

Part No.	Description	Unit
AG5-3240	Zebron Universal Trap 1/8" fittings	1/pk
AG5-3140	Zebron Universal Trap 1/4" fittings	1/pk
AG5-3210	Zebron Oxygen Trap 1/8" fittings	1/pk
AG5-3110	Zebron Oxygen Trap 1/4" fittings	1/pk
AG5-3220	Zebron Moisture Trap 1/8" fittings	1/pk
AG5-3120	Zebron Moisture Trap 1/4" fittings	1/pk
AG5-3230	Zebron Hydrocarbon Trap 1/8" fittings	1/pk
AG5-3130	Zebron Hydrocarbon Trap 1/4" fittings	1/pk



Explore Zebron Gas Management and the rest of the Zebron Collection at [www.phenomenex.com/GCfilters](http://www.phenomenex.com/GCfilters). Protect your instrument and column from oxygen, moisture, and hydrocarbons. Simple to install and use.

Replace. Reorder. Relax.

## Zebron™ Gas Management Filter and Connecting Unit Baseplates Ordering Information

### Zebron Gas Management Replacement Filters

Part No.	Description	Unit
AG5-1010	Zebron Gas Management Oxygen Filter	1/pk
AG5-1020	Zebron Gas Management Moisture Filter	1/pk
AG5-1030	Zebron Gas Management Hydrocarbon Filter	1/pk
AG5-1040	Zebron Gas Management Universal Filter	1/pk

### Zebron Gas Connecting Unit Baseplates

Part No.	Description	Unit
AG5-2203	Zebron Gas Management 4-position Connecting Unit 1/8" fittings	1/pk
AG5-2103	Zebron Gas Management 4-position Connecting Unit 1/4" fittings	1/pk
AG5-2102	Zebron Gas Management 2-position Connecting Unit 1/4" fittings	1/pk
AG5-2202	Zebron Gas Management 2-position Connecting Unit 1/8" fittings	1/pk
AG5-2101	Zebron Gas Management 1-position Connecting Unit 1/4" fittings	1/pk
AG5-2201	Zebron Gas Management 1-position Connecting Unit 1/8" fittings	1/pk

Zebron is a trademark of Phenomenex.

IL57230118\_W

 Phenomenex products are available worldwide

[www.phenomenex.com/mysupport](http://www.phenomenex.com/mysupport)

© 2018 Phenomenex, Inc. All rights reserved.

QUALITY  
MANAGEMENT SYSTEM  
CERTIFIED BY DNV GL  
= 9001:2008 =