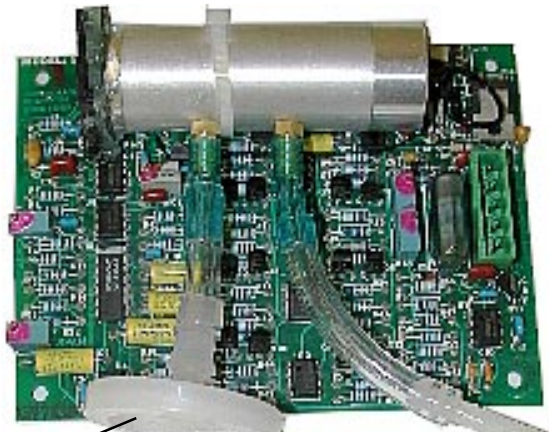
For use with all **Flow Through** type gas cells
Model **2007SDL-B**, **2008SDL**, **2008SDH**, & all Model **2015** sensors.

VALTRONICS

This improves **ZERO stability** and **sensor life**.

Recommend the use of a Hydrophobic Filter #0508 in front of gas cell flow.



CAUTION: DO NOT draw gas through the cell. There should be a small positve gauge pressure inside the gas cell. Drawing a partial vacuum on the cell may result in dilution of the gas sample from small leaks. The cell is not hermetically sealed.

INLET is marked on this side of **Hydrophobic Filter** :
Gelman Sciences # 6124210
37 mm, 0.45 µm PTFE

By-pass path takes most of the flow and corrosive material.

Exhaust gas

"T" connectors

Push Gas Flow about 1 to 3 liters per minute

Gas being **pushed** into this side toward the **INLET** side of the **hydrophobic** filter. The two " T " connectors provide a path for water and particles to bypass the gas cell. A total flow rate of about 1 to 3 liters per minute should provide good response time. You should measure the actual flow going into the gas cell to assure the cell is properly purged and to assure a reasonable response time.

See **Application Note A12** for the effects of pressure and temperature changes from the atmospheric pressure & temperature at gas calibration time.

