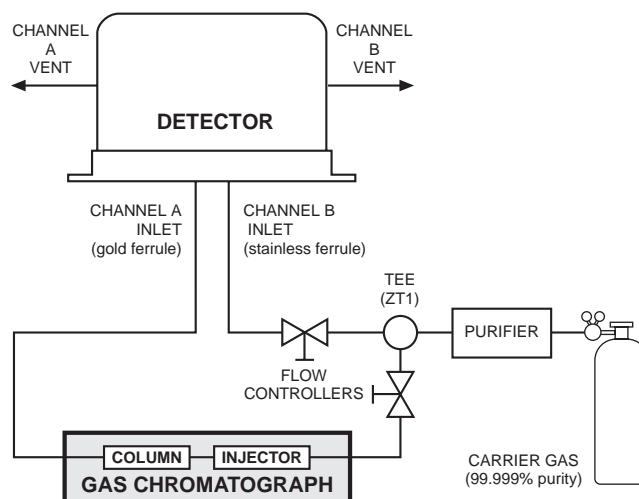


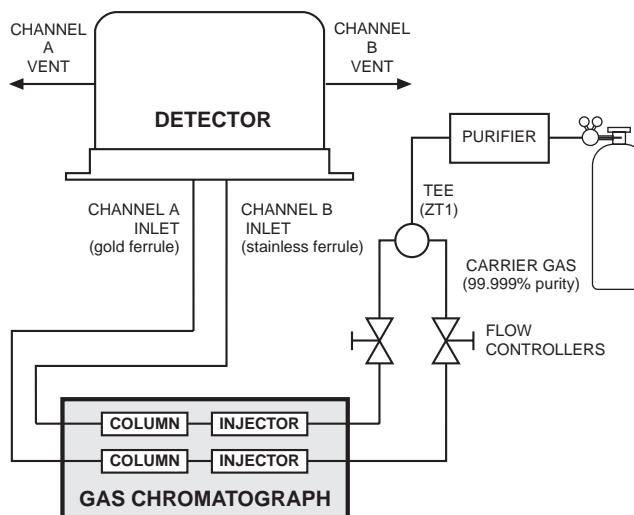
## Gas Connections

Remember these three points discussed earlier: (1) all surfaces that contact the gas stream must be glass or stainless steel; (2) do not use copper tubing or brass fittings; and (3) all tubes must be thoroughly cleaned and baked before use. The installation instructions below assume that the detector carrier will be supplied from a nearby cylinder. If your installation is different, you may need to modify the instructions appropriately. Consult the VICI catalog or vici.com for any fittings and tubing required.

The figures below illustrate gas connections for a typical TCD2 detector system, in referenced and unreferenced modes. Since the distance from the carrier supply to the GC varies from installation to installation, we do not supply tubing to go from that point to the GC.



**Figure 7: Referenced mode (A - B)**



**Figure 8: Unreferenced mode**