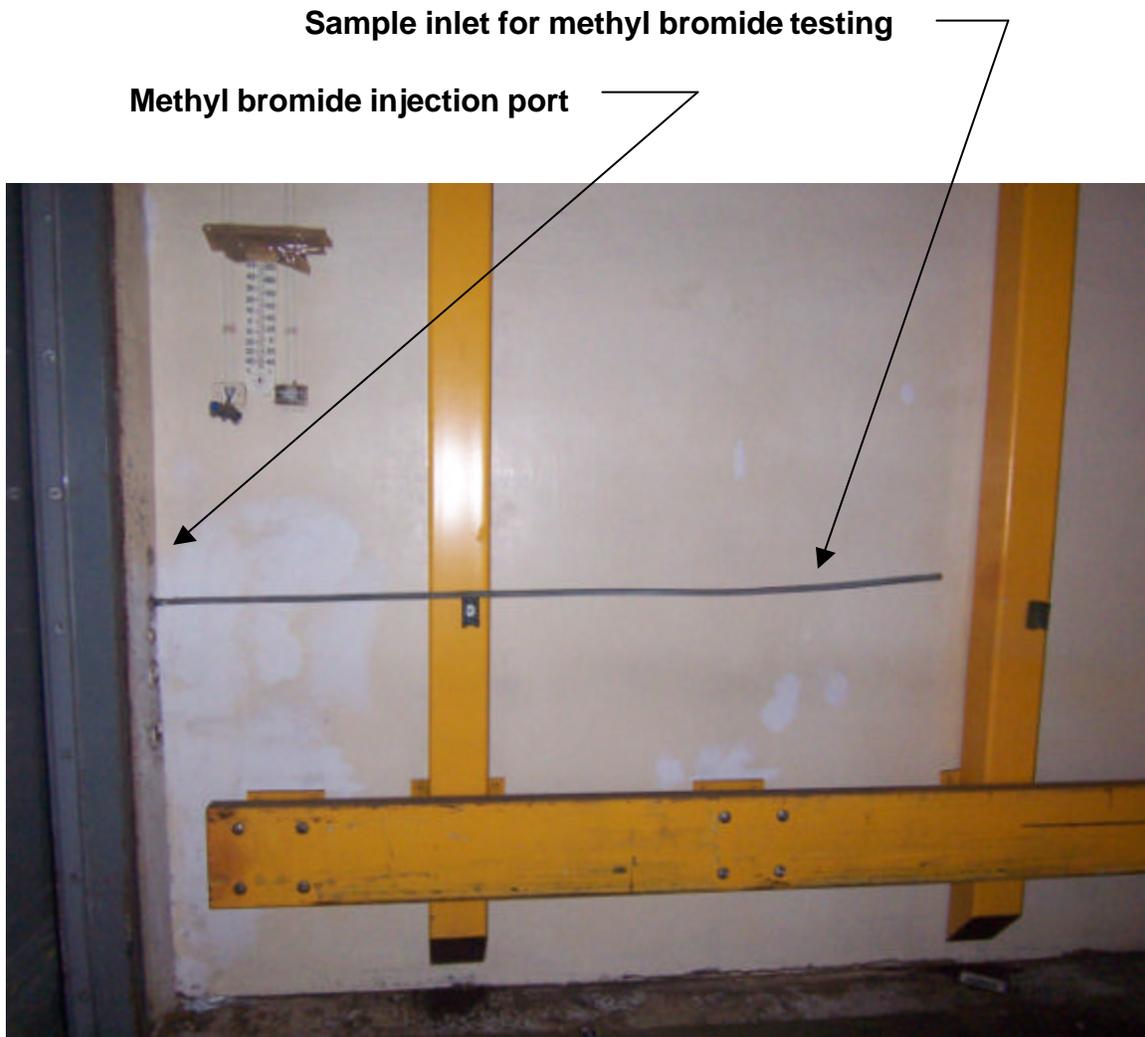


Fumigation Chamber



Fumigation chamber at Atlanta Hartsfield International Airport. Asparagus just arrived from South America must be fumigated before shipment to distributors. Chamber is approximately 4,300 cu ft and has internal circulation fans.



Internal view of chamber. Temperature is recorded before fumigation. The ½" od conduit tube on the wall is used to take samples of methyl bromide during fumigation. The port directly above this line is the methyl bromide injection port.

Methyl bromide fumigation components

Methyl bromide charging line to chamber

Chamber clearing fan



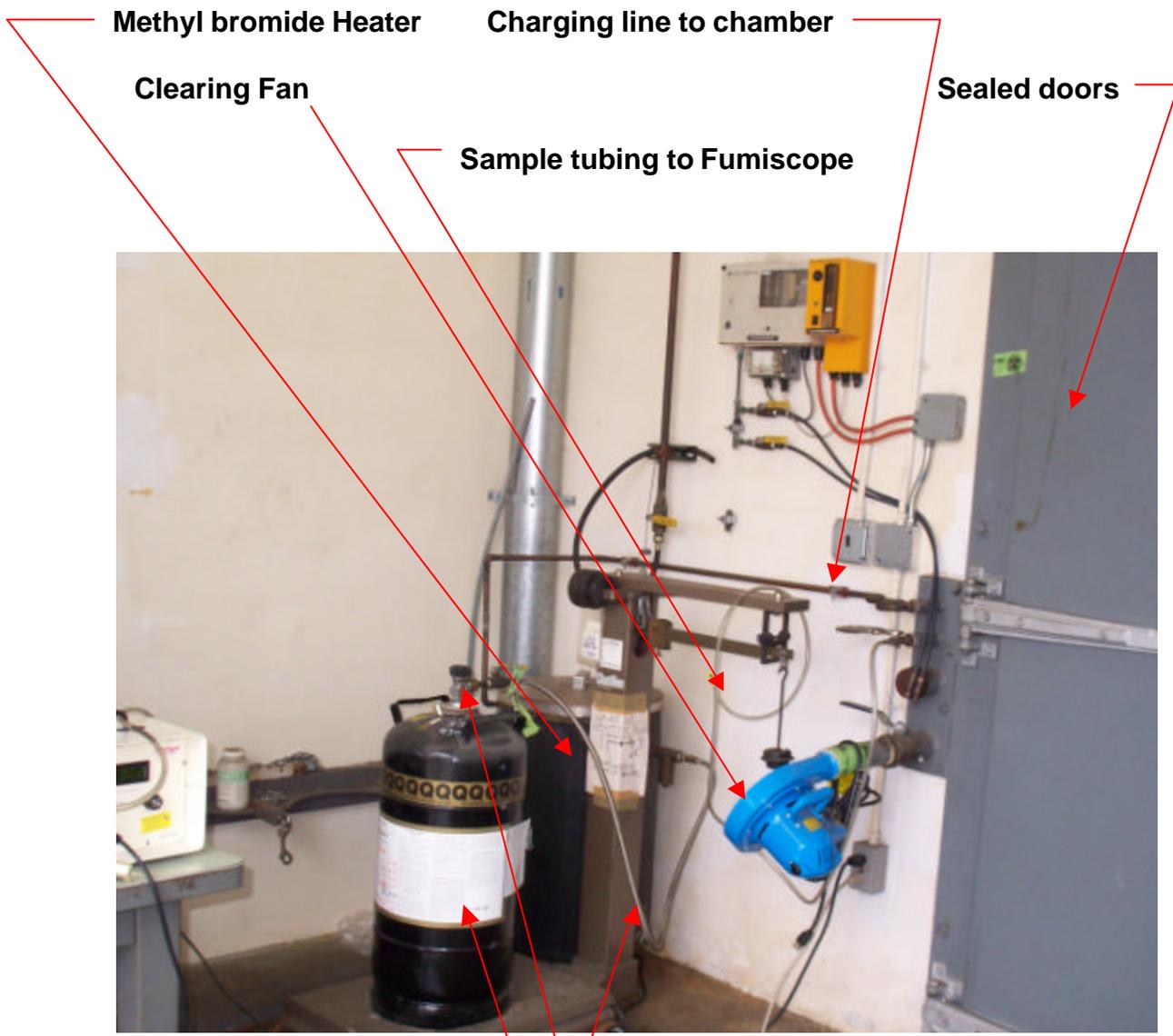
PureAire monitor

Fumiscope

Scale

Methyl bromide cylinder

Methyl bromide heater



Methyl bromide cylinder **Valve and process tubing to heater**

Methyl bromide cylinder is weighed before charging the chamber. Depending on the commodity a weight is determined and scale is set. The valve is manually opened and gas is dispensed to the heater and then to the chamber. During this process, leaks can occur outside the fumigation chamber if the valve and process tubing is faulty. The use of continuous monitoring can detect these leaks as well as from leaking door seals.