

ABSTRACT

METHOD AND APPARATUS FOR USE IN INSTALLATING A
THROUGH-THE-WALL SENSING DEVICE IN A LABORATORY FUME HOOD

A method and apparatus for use in installing a through-the-wall sensing device in a laboratory fume hood. The apparatus includes a sample tube with an outlet and a plurality of apertures and the tube is interconnected to an anemometer. The method includes placing the outlet in a number of positions inside of a fume hood to simulate a sidewall adapter for a through-the-wall sensing device in order to locate an optimum position for a through-the-wall sensing device. The method also includes fixing the sample tube in a number of positions within the fume hood while variably covering some of the apertures to simulate numerous locations and configurations for an averaging tube used with a through-the-wall sensing device. Therefore, an optimum location and configuration for an averaging tube can be readily determined.