

- **Blower Door Test of Ventilation Fans:**
 - ◆ The inlet of the fan is secured to a sealed chamber containing straightening grids, calibrated nozzles, pressure taps, and a boost blower.
 - ◆ Using the boost blower, the chamber is depressurized to 50 Pascals (0.2" water gage).
 - ◆ The amount of air pulled through openings in the fan and into the depressurized chamber is calculated, using measurements from the pressure taps, and knowing the open area of the chamber nozzle(s) through which the air is flowing.

- **Blower Door Tests of Buildings are Reported Two Ways:**
 - ◆ Airflow at a pressure difference of 50 Pascals (CFM50) - directly measured
 - ◆ Air changes per hour at a pressure difference of 50 Pascals (ACH50) - calculated once the building's volume is known.