



State of Ohio  
Weatherization Program  
Standards

Section **HIGH-RISE/CENTRALLY HEATED  
MULTI-FAMILY INSPECTION**

Subject **Air Leakage Measurements**

*AIR LEAKAGE MEASUREMENTS 1001-2*

Collect the following information concerning the blower door measurements (where applicable):

**blower door  
information**  
1001-2.1a

EA-QUIP

- a. infiltration measured\*
- b. mechanical ventilation\*
- c. blower door type\*
- d. pressurization/depressurization\*
- e. inside temperature (degf)\*
- f. outside temperature (degf)\*
- g. low flow rings on\*
- h. a or b ring installed\*
- i. test number\*
- j. house pressure (pa)\*
- k. fan gauge (pa or cfm)\*
- l. flow (cfm)\*
- m. flow goal (cfm)\*

Determine the ventilation supplied to the building. Conditioned living areas require 15 cfm/person or 0.35 air changes per hour, which ever is greater. Office areas require 20 cfm per person. Reference the Ohio Basic Building Code (OBBC), Mechanical Code for ventilation air requirements and estimated occupant loads per area. Reference the Ohio Basic Building Code (OBBC) for ventilation air requirements for passive or natural ventilation air areas.

**ventilation/occupants**  
1001-2.2a

Where an approved indoor air quality method for controlling air contaminants is implemented in the ventilation system design, the minimum required rate of outdoor air shall be in accordance with section 6 of the “ASHRAE 62, Ventilation for Acceptable Indoor Air Quality”.

**existing indoor air  
quality (IAQ) system**  
1001-2.2b

Use a commercially-available volumeter or pressure pan with a calibrated hole (see attachment) to determine the airflow at each outlet of the mechanical ventilation system.

**testing**  
1001-2.2c

Reference the Ohio Basic Building Code, Mechanical Code for ventilation air requirements for mechanical rooms, elevators, commercial kitchens, etc.

**mechanical room  
ventilation air**  
1001-2.2d