

RA3.7.4 Procedures

This section describes the procedures used to verify Mechanical ventilation system airflow.

RA3.7.4.1 *Whole-Building Mechanical Ventilation Airflow Rate Measurement - Continuous Operation*

RA3.7.4.1.1 Exhaust Ventilation Systems

A flow measuring device that meets the applicable instrumentation requirements of Section RA3.7.2 shall be used. If the measured airflow is equal to or greater than the value for whole-building ventilation airflow rate required by Section 4 of ASHRAE Standard 62.2, the mechanical ventilation system complies with the requirement for whole-building mechanical ventilation airflow. If the measured airflow is less than the required whole-building ventilation airflow rate, the mechanical ventilation system does not comply, and corrective action shall be taken.

RA3.7.4.1.2 Supply Ventilation Systems

The Executive Director may approve supply mechanical ventilation systems, devices, or controls for use for compliance with the HERS Rater field verification and diagnostic testing requirement for whole-building mechanical ventilation airflow, subject to a manufacturer providing sufficient evidence to the Executive Director that the installed mechanical ventilation systems, devices, or controls will provide at least the minimum whole-building ventilation airflow required by ASHRAE Standard 62.2, and subject to consideration of the manufacturer's proposed field verification and diagnostic test protocol for these ventilation system(s).

Approved systems, devices, or controls, and field verification and diagnostic test protocols for Supply Ventilation Systems shall be listed in directories published by the Energy Commission.

RA3.7.4.2 *Whole-Building Mechanical Ventilation Airflow Rate Measurement - Intermittent Operation*

The Executive Director may approve intermittent mechanical ventilation systems, devices, or controls for use for compliance with the HERS Rater field verification and diagnostic testing requirement whole-building mechanical ventilation airflow, subject to a manufacturer providing sufficient evidence to the Executive Director that the installed mechanical ventilation systems, devices, or controls will provide at least the minimum whole-building ventilation airflow required by ASHRAE Standard 62.2, and subject to consideration of the manufacturer's proposed field verification and diagnostic test protocol for the ventilation system(s).

Approved systems, devices, or controls, and field verification and diagnostic test protocols for intermittent mechanical ventilation systems shall be listed in directories published by the Energy Commission.