

INSTALLER and INSPECTOR QUICK-REFERENCE:
2025 NRCA-MCH-20d-H
Multifamily Dwelling Unit HRV or ERV

Purpose and Scope of the Test

This test verifies that the continuous ventilation airflow (balanced, supply only, or exhaust only) and the kitchen exhaust fan conforms to the requirements of the Energy Code and ANSI/ASHRAE Standards 62.2-2022. Submit one Certificate of Acceptance for each dwelling unit.

NOTE: ECC Rater Verification is not required if an ATT performs the test. The NRCA-MCH-20a-H must be completed for the ventilation system prior to starting the NRCA-MCH-20d-H. The Certificate of Acceptance NRCA-MCH-21-A must be completed prior to beginning NRCA-MCH-20a-H.

Test trigger

All newly constructed four or more stories multifamily dwelling units with continuous ventilation systems that contain Heat Recovery Ventilation devices and/or Energy Recovery Ventilation devices must be tested.

Exceptions: Central Fan Integration (CFI) or other intermittent ventilation systems are not subject to this test. Healthcare facilities are not subject to this test.

Relevant Energy Code References and Required Compliance Documents

Title 24, Part 6 of the California Building Standards Code, Building Energy Efficiency Standards (Energy Code) sections 160.2(b)2, 170.2(c)Biva; NA7.18.1.1, NA2.2; NRCC-MCH-E Table H or NRCC-PRF-E; and ANSI/ASHRAE Standards 62.2-2022.

Who Can Perform the Test

This test must be performed by an acceptance test technician certified by a CEC-approved Acceptance Test Technician Certification Provider, using compliance document NRCA-MCH-20d.

Required Tools

- No tools are required to perform this test.

Estimated Time to Complete Test

Construction Inspection: 0.5 hour.

Functional Test: 0.5 to 1.5 hour.

Potential Issues and Cautions

None.

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Inspection Enforcement

Verify the inspector is in receipt of one NRCA-MCH-20d-H for EACH system that must demonstrate compliance. All NRCA forms for Mechanical Systems must have a water mark logo from a certified Mechanical ATTCP Provider.

Required:

- Verify whether the installed HRV or ERV are included in the HVI database listed on the form.

Acceptance Criteria

Verify that the Heat Recovery Ventilators or Energy Recovery Ventilators meet the required efficiency standards calculated on the form.

Follow the **Construction Inspection** and **Functional Testing** instructions on either NRCA-MCH-20d-H.