



# Multifamily Residential Mechanical Systems Performance Report

**Note:** This form is to be used when testing new Multi-family buildings only.

**Project address** \_\_\_\_\_ **Building #** \_\_\_\_\_ **Permit #** \_\_\_\_\_

**Testing Authority**  
**Company Name** \_\_\_\_\_ **Test Technician** \_\_\_\_\_  
 (Print name)

Reference the "Residential Mechanical Systems Design Submittal" form *or* the stamped engineered mechanical design on plans for testing targets or ranges.

**Unit numbers tested** (list all units tested; sampling not allowed)

(ie: units 101-208)	
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**Note:** all test results are required to use Air Density Correction Factor (ADCF) and are measured for volumetric flow (CFM 5,000')  
 (ADCF = based on tool, altitude (5,000'), air temperature through tool)

Pass	Fail	N/A	Test
			<b>Local Exhaust</b> (spot ventilation) all bath fans operating at minimum 50 CFM intermittent or 20 CFM continuous.
			<b>Kitchen Exhaust for Gas Cooking</b> minimum 100 CFM intermittent or 25 CFM continuous ducted to the exterior (test required).
			<b>Whole House Ventilation</b> meets code minimum air flow & is within code minimum to +120% of design flow. (+/- 15% of design if balanced air flow system)
			<b>Sub-structural floor exhaust</b> (+/- 15% of design) if present.
			<b>Heating + Cooling Duct Leakage</b> if <i>any</i> ductwork outside conditioned space (test required) leakage is 4% of sq foot of floor area or less per unit tested.
			<b>Heating + Cooling Equipment</b> installed matches design, target cooling airflow within +/- 15% of design cooling air flow & system commissioned (outside of Nov-April).
			<b>Room Airflow + Pressure Balance</b> all rooms fall within -3 to +3 Pa pressure with relation to main area of house.
			<b>Combustion Safety</b> test performed & appliance(s) meets BPI max spillage limit & draft pressure limit. If no natural draft appliances, test not required.

	If any item fails testing, provide notes on failure and plan to correct/fix failure.
Testing Notes:	

I hereby attest the above mentioned address(s) has been tested per the City of Fort Collins Mechanical Systems Performance Testing protocols as outlined in the Residential New Construction Mechanical Systems Testing Guide.

*\*Units may be subject to random spot check by verifying authority.*

\_\_\_\_\_  
 Test Technician signature

\_\_\_\_\_  
 Test date(s)