

FlashReport™ Test Results

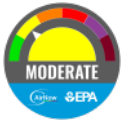
Conducted by:
Mr. Duct Cleaner - Collin
County
les
@mrductcleaner.com
844-444-3828

Monitor ID: 35983
Report ID: 785916
Test Period: 10/10/24
07:23 PM

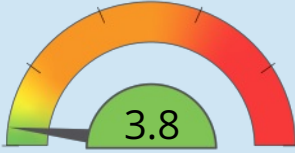

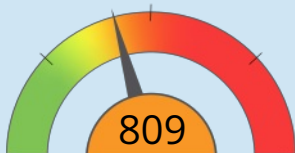
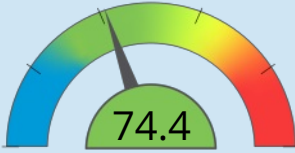
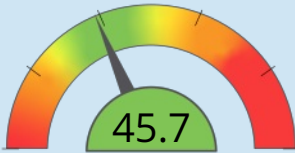
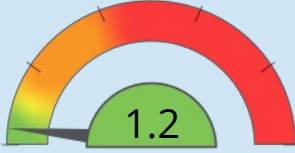
Outdoor Environment



83.3°F
37% RH



This report identifies air pollutants commonly found in homes and offers recommendations so you can make informed decisions about health, comfort, and safety indicators in your home.

HEALTH	Particulate Matter ($\mu\text{g}/\text{m}^3$)		No Action Necessary
	Chemicals ($\mu\text{g}/\text{m}^3$)		Action Recommended
	Carbon Dioxide (ppm)		Action Recommended
COMFORT	Temperature (°Fahrenheit)		No Action Necessary
	Relative Humidity (RH%)		No Action Necessary
SAFETY	Carbon Monoxide (ppm)		No Action Necessary

No Action Necessary:

Action Recommended for Sensitive Individuals:

Action Recommended:

Action Required:

Within acceptable levels for most people.

Pollutant levels may affect some individuals like children, elderly, people with health conditions.

Pollutant levels above health guidelines for the general public.

Pollutants at levels deemed unhealthy by authorities; steps should be taken urgently.

If you are interested in a more in-depth analysis, ask your contractor about a multi-day test.

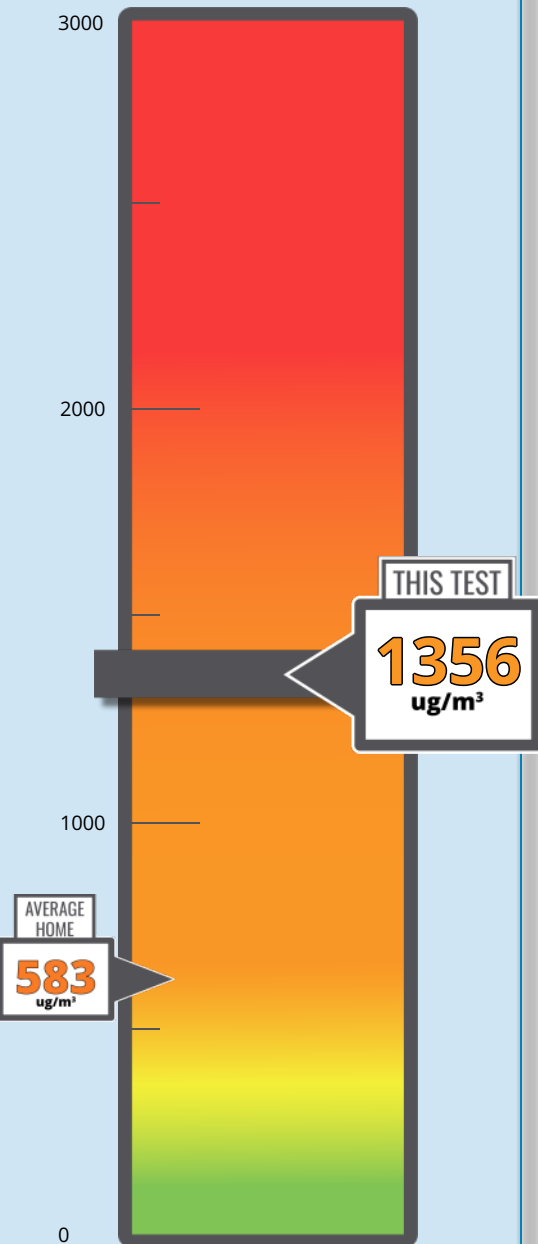


WHAT WE FOUND IN YOUR HOME:

VOC levels were between
500-2000 $\mu\text{g}/\text{m}^3$

**Action
Recommended**

VOC: **1356 $\mu\text{g}/\text{m}^3$**



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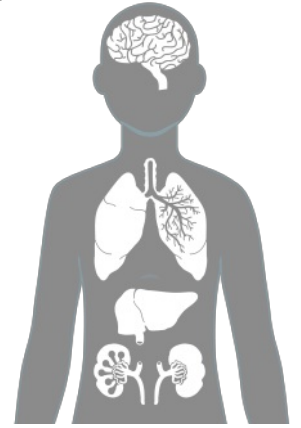
HEALTH: CHEMICALS (VOCs)

WHAT ARE VOCs?

Volatile Organic Compounds (VOCs) represent a broad category of chemicals that are present in numerous products we use to build and maintain our homes. Once these chemicals are in our homes, they are discharged or “off-gas” into the indoor air we breathe. They may or may not emit odors, so smelling is not a good indicator of health risk^{1,3}.

HEALTH CONCERNS

- Eye, nose, and throat irritation, difficulty breathing, asthma^{1,2,5}
- Central nervous system damage, headaches, and dizziness^{1,2,5}
- Skin problems^{1,2}
- Damage to the liver and/or kidneys^{1,2}
- Linked to fertility issues, cancers, neurological and learning disabilities^{4,5}

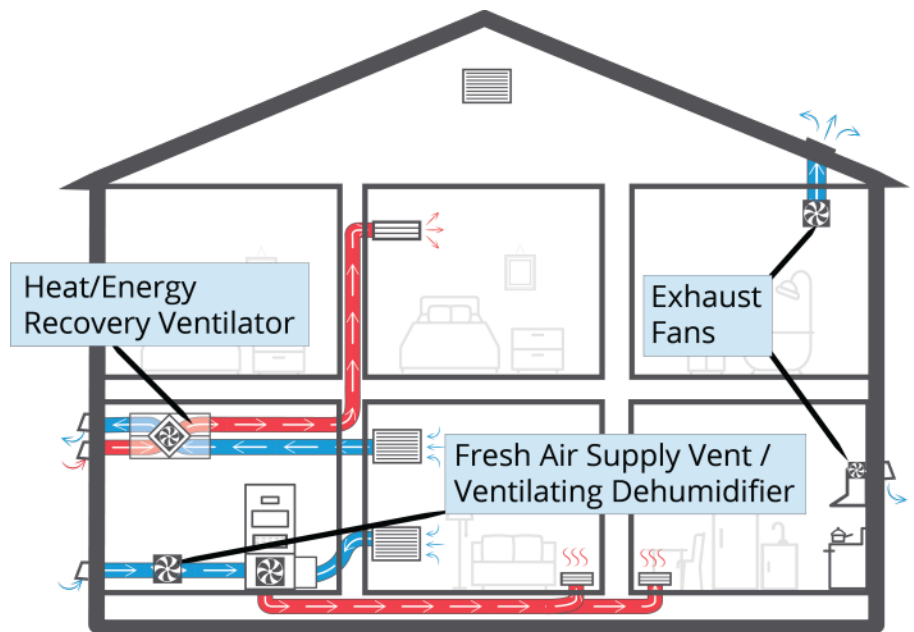


POTENTIAL CAUSES

- **Building materials and furnishings:** furniture, flooring, wood products, rugs, carpets, paints, sealants, glues, adhesives and insulation^{1,2,5}
- **Household Products:** cleaning supplies, cosmetics, scented products, air fresheners, and toys^{1,2,4,5}. Stored fuels in attached garages².

RECOMMENDED ACTIONS

- Reduce VOC sources: scented products, cleaning fluids, candles⁵
- Heat or energy recovery ventilator (HRV/ERV)
- Fresh air supply vent or ventilating dehumidifier
- Exhaust-only ventilation
- Install carbon filtration to capture VOCs



SCAN THE QR CODE FOR MORE INFORMATION:

Sources: (1) Environmental Protection Agency (EPA), (2) HealthLinkBC, (3) Minnesota Department of Health, (4) Endocrine.org, (5) American Lung Association



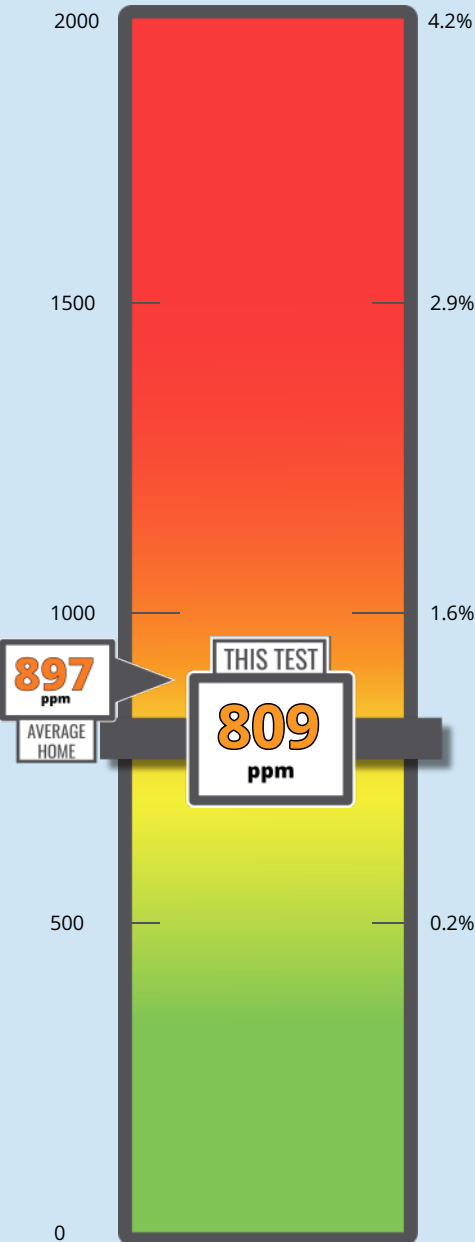
WHAT WE FOUND IN YOUR HOME:

CO₂ levels were between **800-1000 ppm**

Action Recommended

CO₂: **809 ppm**

Rebreathed fraction: **1.30%**



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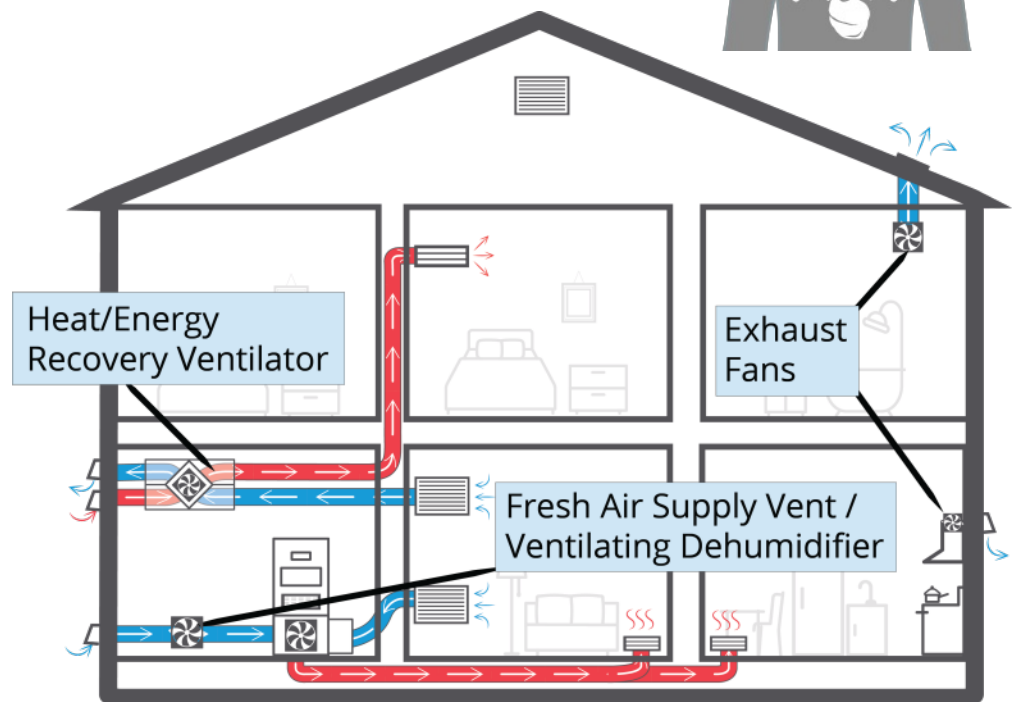
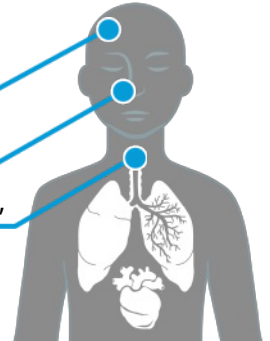
HEALTH: CARBON DIOXIDE (CO₂)

WHAT IS CARBON DIOXIDE?

Carbon dioxide (CO₂) is a gas we exhale. It builds up in the home when there is no mechanical ventilation for fresh outdoor air. Ventilation has a great impact on health, comfort, and performance. Well ventilated homes with adequate air exchange should have CO₂ levels of 600-1,000 ppm, with an average of 800 ppm or less¹. The rebreathed fraction is the percent of the indoor air that has been previously exhaled².

HEALTH CONCERNS

- Lower cognitive function²
- CO₂ levels over 1,000 ppm - Higher risk of rhinitis (sneezing or a runny/blocked nose)³
- Eye irritation, sore/dry throat, coughing, sneezing, and stuffy, congested or runny nose
- Increased risk of airborne disease⁴



POTENTIAL CAUSES

Source causes:

'Tight' or energy-efficient home construction without adequate ventilation, breathing, combustion activities

Heating & cooling issues:

Lack of supplied fresh air/ventilation, malfunctioning or shut-off ventilation, HVAC equipment needs repair

RECOMMENDED ACTIONS

- Heat or energy recovery ventilator (HRV/ERV)
- Fresh air supply vent or ventilating dehumidifier
- Exhaust-only ventilation
- Inspect ventilation system to ensure performance and adjust as needed

SCAN THE QR CODE FOR MORE INFORMATION:

Sources: Environmental Protection Agency (EPA), California Air Resources Board (CARB), International WELL Building Institute

