

Final/Residential HVAC Inspection

This is the final mechanical inspection including both the Building Heating, Ventilating and Air Conditioning (HVAC) and Gas disciplines. This is required following the successful completion of the HVAC Stack, Concealed Duct and Natural Gas Inspections (where applicable). All mechanical HVAC and Gas systems are operational and ready for occupant use.

For indoor hot tub/pool room only, request this inspection before any of the ductwork is covered up. Only one inspection is needed to inspect all of the HVAC work.

Prepare

Learn about [how to prepare for your inspection](#).

Check - All Projects

The following are the most common items audited during this inspection. However, the list is not exhaustive. The work must meet all the applicable codes and standards.

Building HVAC:

- Systems/appliances operational for occupancy
- All equipment commissioning reports are located with the equipment
- Heating equipment capacities vs structure heat loss analysis complete
- Kitchen range hood capacities do not exceed depressurization limits - -
Builder's depressurization sticker located on return air plenum

Gas:

- Systems/appliances operational for occupancy
- All equipment commissioning reports are located with the equipment
- Final gas connections to appliance complete
- Appliance venting and vent terminations complete
- Heating equipment capacities vs structure heat loss analysis complete

Full hydronic design completed by a certified designer left on site (if hydronic HVAC system installed)

Check - Secondary suite as a Home Improvement Permit

The following are the most common items audited during this inspection. However, the list is not exhaustive. The work must meet all the applicable codes and standards.

Building HVAC only:

- Systems/appliances operational
- Equipment capacities vs Structure heat loss
- Primary ventilation operation
- Kitchen range hood capacities do not exceed depressurization limits - - Builders depressurization sticker
- The ventilation equipment commissioning report is located with the equipment
- Full hydronic design completed by a certified designer left on site (if hydronics exist)

Check - Hot tub room/pool ventilation

Following are the most common items audited during this inspection. However, the list is not exhaustive. The work must meet all the applicable codes and standards.

Building HVAC only:

- Ventilation system review (design rates, ductwork sealing, sizing and location)
- Ventilation system materials and equipment are suitable for the environment