



# HVAC Systems

Commercial & Residential  
Building Inspections & Indoor Air Quality Testing

The Heating Ventilation and Air Conditioning (HVAC) system conditions the air in the building by providing heat to the building in the winter and cooling the building in the summer. Some HVAC units also condition the air by filtering contaminants and particles out of the air. There are several type of HVAC systems that are used in buildings.

## Some of HVAC Types may include:

- Gas / Electric Forced Air Heat
- Electric Baseboard / Wall Heat
- Heat Pumps
- In Ceiling Heat
- Central AC
- Window Mounted AC
- GeoThermal Heat
- In Floor Heat

There are many more types of HVAC systems, but these are the most common found in the Idaho area.

## Common Defects Found in HVAC Systems

- Poor Workmanship / Material Defects
- Poor Maintenance
- Dirty duct work and filter system
- Poorly Sealed, Supported and Connected Duct Work
- Disconnected Duct Work
- Poorly Designed Air Conveyance System (unbalanced)

