# BOATRIGHT HOME INSPECTIONS, LLC





# RESIDENTIAL REPORT

# 1234 Main St. Mountain Grove MO 65711

Buyer Name 01/06/2019 9:00AM



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- 10.10.1 Interiors Whole House Vacuum : Vacuum Inoperable

# 1: INSPECTION DETAILS

# **Information**

**In Attendance** 

None

**Temperature (approximate)** 

63 Fahrenheit (F)

Occupancy

Furnished, Occupied

Type of Building

Single Family

Style

Contemporary, Ranch

**Weather Conditions** 

Clear, Recent Rain

# 2: ROOFING

		IN	NI	NP	D
2.1	Coverings	Χ			
2.2	Roof Drainage Systems	Χ			
2.3	Flashings	Χ			
2.4	Skylights, Chimneys & Roof Penetrations			Χ	

IN = Inspected

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NP = Not Present

D = Deficiency

# **Information**

**Inspection Method** Ground, Ladder, Roof **Roof Type/Style**Gable, Hip

Coverings: Average roof lifespan

https://rgbconstructionservices.com/a lifespan-shingle-roof/

Roof Drainage Systems: Gutter Material

None present



**Flashings: Material** Aluminum, Rubber



# **Coverings: Material**

Asphalt



# **Observations**

# 2.1.1 Coverings

# **EXPOSED NAILS**

Under-driven or exposed nails were found in one or more roof coverings. Recommend a qualified roofer evaluate and correct.





2.1.2 Coverings

# TILES CRACKED/BROKEN

Roof had cracked/broken tiles. Recommend a qualified roof contractor repair or replace to prevent moisture intrusion and/or mold.









# 3: EXTERIOR

		IN	NI	NP	D
3.1	Siding, Flashing & Trim	Χ			
3.2	Exterior Doors	Χ			
3.3	Decks, Balconies, Porches & Steps	Χ			
3.4	Eaves, Soffits & Fascia	Χ			
3.5	Vegetation, Grading, Drainage & Retaining Walls	Χ			
3.6	Walkways, Patios & Driveways	Χ			

Brick

Siding, Flashing & Trim: Siding Style

# **Information**

**Inspection Method** Attic Access, Visual Siding, Flashing & Trim: Siding Material
Brick Veneer



Decks, Balconies, Porches & Steps: Material Concrete

Walkways, Patios & Driveways: Driveway Material Concrete

# **Exterior Doors: Exterior Entry Door**

Wood, Steel







Decks, Balconies, Porches & Steps: Appurtenance

Covered Porch, Front Porch, Sidewalk





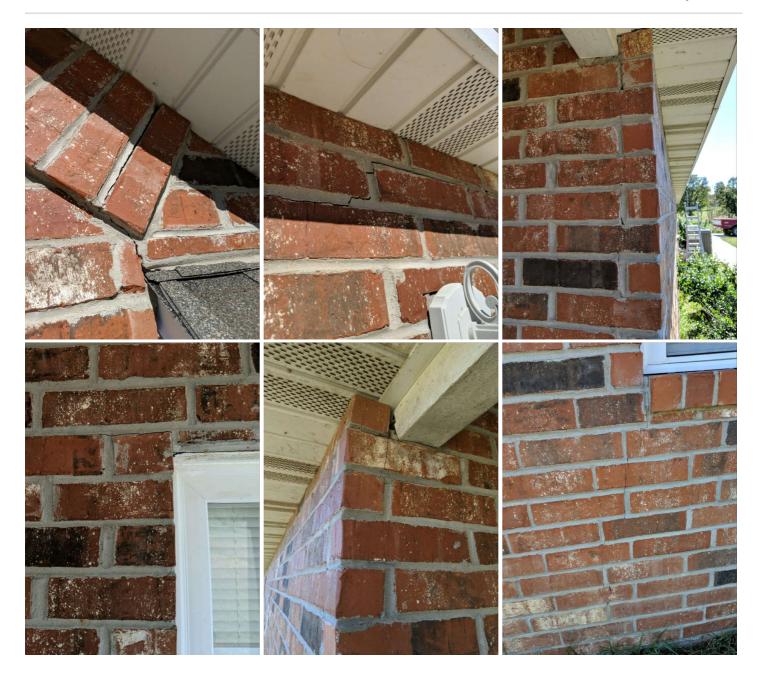


# **Observations**

3.1.1 Siding, Flashing & Trim

# **CRACKING - MINOR**

Siding showed cracking in one or more places. This is a result of temperature changes, and typical as homes with brick age. Recommend sealing to prevent water intrusion and further monitoring.



3.2.1 Exterior Doors

# DOOR JAM ROTTING/DAMAGE

Exterior garage door jam was observed damaged. Recommend repair by a qualified contractor

Recommendation

Contact a qualified professional.





3.5.1 Vegetation, Grading, Drainage & Retaining Walls

### **NEGATIVE GRADING**

Grading is sloping towards the home in some areas. This could lead to water intrusion and foundation issues. Recommend qualified landscaper or foundation contractor regrade so water flows away from home.

Here is a helpful article discussing negative grading.



3.5.2 Vegetation, Grading, Drainage & Retaining Walls

# TREE OVERHANG

Trees observed overhanging the roof. This can cause damage to the roof and prevent proper drainage. Recommend a qualified tree service trim to allow for proper drainage.



3.6.1 Walkways, Patios & Driveways

# **DRIVEWAY CRACKING - MINOR**

Minor cosmetic cracks observed, which may indicate movement in the soil. Recommend monitor and/or have driveway contractor patch/seal.





# 4: STRUCTURAL COMPONENTS

		IN	NI	NP	D
4.1	Foundation, Basement & Crawlspaces	Χ			
4.2	Floor Structure	Χ			
4.3	Wall Structure	Χ			
4.4	Ceiling Structure	Χ			
4.5	Roof Structure & Attic	Χ			

# **Information**

Inspection Method

Attic Access, Visual

**Wall Structure: Material** 

Concrete

**Roof Structure & Attic: Type** 

Hip, Gable

Foundation, Basement & Crawlspaces: Material

Slab on Grade

**Ceiling Structure: Material** 

Wood

Floor Structure: Material

Slab

**Roof Structure & Attic: Material** 

OSB

# 5: INSULATION AND VENTILATION

		IN	NI	NP	D
5.1	Attic Insulation	Χ			
5.2	Vapor Retarders			Х	
5.3	Ventilation	Χ			
5.4	Exhaust Systems			Χ	

# **Information**

**Dryer Power Source** 220 Electric

**Dryer Vent** Unknown **Attic Insulation: Insulation Type**Polyurethane Foam



Ventilation: Ventilation Type

Passive, Thermostatically Controlled Fa

Fan

**Exhaust Systems: Exhaust Fans** 

Fan with Light

# **Limitations**

Attic Insulation

# PARTIALLY OBSCURED VIEW

Some areas of the Attic were partially obscured from viewing/observation.



# **Observations**

5.3.1 Ventilation

# ATTIC FAN INOPERABLE

Attic fan was observed on the roof but interior portion and controls were in a part of the Attic that appears inaccessible. Recommend consulting current owner for further information



# 5.4.1 Exhaust Systems

# **BATHROOM VENTS INTO ATTIC**

Bathroom fan vents into the attic, which can cause moisture and mold. Recommend a qualified attic contractor property install exhaust fan to terminate to the exterior.



5.4.2 Exhaust Systems

# **UPSTAIRS BATHROOM EXHAUST VENT**

The upstairs bathroom exhaust fan was disconnected at time of inspection. Recommend consulting current owner about condition.



# 6: ELECTRICAL

		IN	NI	NP	D
6.1	Service Entrance Conductors	Χ			
6.2	Service and Grounding Equipment, Main Overcurrent Device, Main and Distribution Panels	Χ			
6.3	Branch Circuit Conductors, Overcurrent Devices and Compatibility of Their Amperage & Voltage	Χ			
6.4	Connected Devices and Fixtures	Χ			
6.5	Polarity and Grounding of Receptacles	Χ			
6.6	GFCI & AFCI	Χ			
6.7	Smoke Detectors	Χ			
6.8	Carbon Monoxide Detectors			Χ	

IN = Inspected NI = Not Inspected D = Deficiency NP = Not Present

# **Information**

**Branch Wire 15 and 20 AMP** Copper

**Wiring Method** Romex

**Service Entrance Conductors: Electrical Service Conductors** 220 Volts, Below Ground

200 AMP

Distribution Panels: Panel Capacity Distribution Panels: Panel Locations Distribution Panels: Panel Garage

Service and Grounding Equipment, Service and Grounding Equipment, Service and Grounding Equipment, Main Overcurrent Device, Main and Main Overcurrent Device, Main and Main Overcurrent Device, Main and Manufacturer Cutler Hammer



Service and Grounding Equipment, Main Overcurrent Device, Main and **Distribution Panels: Panel Type** 

Circuit Breaker

### **Observations**

6.4.1 Connected Devices and Fixtures

### **COVER PLATES DAMAGED**

One or more receptacles have a damaged cover plate. Recommend replacement.



6.4.2 Connected Devices and Fixtures

#### **CEILING FAN INOPERABLE**

1ST FLOOR BEDROOM NORTHEAST

One or more ceiling fan did not operate at the time of the inspection Recommendation

Contact a qualified professional.



6.6.1 GFCI & AFCI

# NO GFCI PROTECTION INSTALLED

**KITCHEN** 

No GFCI protection present in one or more locations. Recommend licensed electrician upgrade by installing ground fault receptacles in all locations.

Here is a link to read about how GFCI receptacles keep you safe.





6.7.1 Smoke Detectors

# **DEFECTIVE**

2ND FLOOR NORTHEAST

Smoke detector is connected, but not functioning properly. Recommend replacement.



6.7.2 Smoke Detectors

# **LOW BATTERY**

1ST FLOOR EAST

Smoke detector failed to respond when tested. Recommend battery be replaced.  $\,$ 



# 7: HEATING

		IN	NI	NP	D
7.1	Heating Equipment	Χ			
7.2	Distribution Systems	Χ			
7.3	Vents, Flues & Chimneys			Χ	

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# **Information**

**Heating Equipment: Brand** York

## **Heating Equipment: Energy Source** Electric



**Heating Equipment: Filter Size** 20x20x5



**Heating Equipment: Filter Type** 

Disposable

**Distribution Systems: Ductwork** Insulated

# **AFUE Rating**

AFUE (Annual fuel utilization efficiency) is a metric used to measure furnace efficiency in converting fuel to energy. A higher AFUE rating means greater energy efficiency. 90% or higher meets the Department of Energy's Energy Star program standard.

# **Heating Equipment: Heat Type**

Heat Pump





**Heating Equipment: Zoning** 

System has two zones to independently heat and cool separate areas of the home.





# 8: PLUMBING

		IN	NI	NP	D
8.1	Fixtures / Faucets	Χ			
8.2	Drain, Waste, & Vent Systems	Χ			
8.3	Water Heater	Χ			
8.4	Vents, Flues, & Chimneys	Χ			
8.5	Sump Pumps / Sewage Ejectors			Х	
8.6	Fuel Storage & Distribution Systems			Х	

# **Information**

**Filters**Sediment Filter



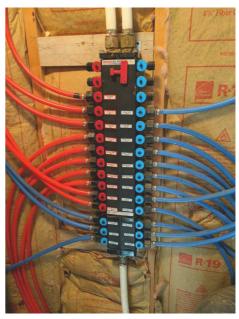
# Main Water Shut-Off Device (Location)

Garage Main Level



Material - Distribution

Pex



**Material - Water Supply** PVC



Source Well Drain, Waste, & Vent Systems: Material PVC

Water Heater: Capacity

80 Gallons

Water Heater: Manufacturer

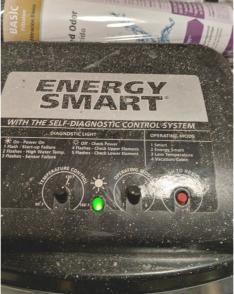
Whirlpool



**Water Heater: Power Source** 

Electric







# **Observations**

8.1.1 Fixtures / Faucets

### FAILED CAULKING AROUND TUB/SHOWER

1ST FLOOR BATHROOM

One or more sections of failed caulking observed around tub/shower. Recommend reparing to keep any water intrusion from happening.

Recommendation

Contact a qualified professional.



# 9: AIR CONDITIONING

		IN	NI	NP	D
9.1	Cooling Equipment	Χ			
9.2	Distribution System	Χ			

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# **Information**

**Heat Pump** 

Type Cooling Equipment: Brand

York

**Cooling Equipment: Energy** 

Source/Type

Electric, Heat Pump

**Cooling Equipment: Location** 

**Exterior West** 

**Distribution System: Configuration** 

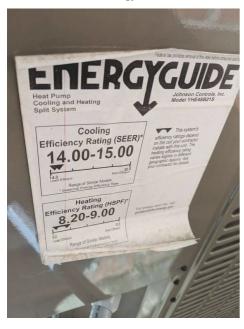
Central

**Cooling Equipment: SEER Rating** 

14

Modern standards call for at least 13 SEER rating for new install.

Read more on energy efficient air conditioning at Energy.gov.



# **Limitations**

Cooling Equipment

# **LOW TEMPERATURE**

The A/C unit was not tested due to low outdoor temperature. This may cause damage the unit.

# 10: INTERIORS

		IN	NI	NP	D
10.1	Walls	Χ			
10.2	Ceilings	Χ			
10.3	Floors	Χ			
10.4	Steps, Stairways & Railings	Χ			
10.5	Countertops & Cabinets	Χ			
10.6	Doors	Χ			
10.7	Windows	Χ			
10.8	Garage Door	Χ			
10.9	Doorbell	Χ			
10.10	Whole House Vacuum	Χ			

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# **Information**

**Walls: Wall Material**Drywall

Countertops & Cabinets: Cabinetry



**Ceilings: Ceiling Material**Drywall

Countertops & Cabinets: Countertop Material Laminate



Floors: Floor Coverings Carpet, Tile, Linoleum

**Windows: Window Manufacturer**Unknown

**Windows: Window Type**Single-hung, Sliders

**Garage Door: Material** Metal, Insulated



**Garage Door: Type**Automatic



Whole House Vacuum : Vacuum exhaust

Exhaust vents outside at front porch

# **Observations**

10.1.1 Walls

### MINOR CORNER CRACKS

Minor cracks at the corners of doors and windows in walls. Appeared to be the result of long-term settling. Some settling is not unusual in a home of this age and these cracks are not a structural concern.



10.1.2 Walls

#### **POOR PATCHING**

2ND FLOOR NORTHWEST

Sub-standard drywall patching observed at time of inspection. Recommend re-patching.



10.1.3 Walls

### MINOR DRYWALL CRACKING

Cracking was observed at one or more locations on drywall. Can be a result of slight settling and normal seasonal changes. Recommend monitoring and patching but may come back in the future with temperature and humidity changes.

Recommendation

Contact a qualified professional.



10.3.1 Floors

### LINOLEUM LOOSE/PEELING

2ND FLOOR BATHROOM

One or more sections of linoleum coming loose from floor

Recommendation

Contact a qualified professional.



10.3.2 Floors

# **LOOSE CARPET**

Carpet showed signs wear. Recommend flooring professional evaluate for possible restretching or replacing

Recommendation

Contact a qualified professional.



# 10.5.1 Countertops & Cabinets

# **WATER EVIDENCE**

Signs of previous moisture was present inside cabinet under kitchen sink. No leaks were found during inspection. Recommend cleaning to keep from molding.

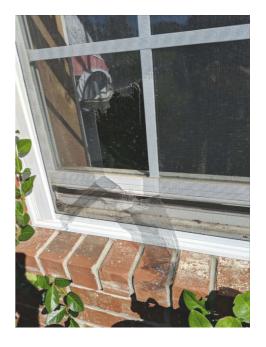


10.7.1 Windows

# **DAMAGED SCREEN**

Found one damaged screen at garage window. Recommend replacing. Recommendation

Contact a qualified professional.



10.9.1 Doorbell

# **DOORBELL INOPERABLE**

Doorbell did not operate at time of inspection. Recommend further evaluation by a qualified professional.

Recommendation

Contact a qualified professional.



10.10.1 Whole House Vacuum

# **VACUUM INOPERABLE**

Whole house vaccum did not operate at time of inspection. Recommend further evaluation by a qualified professional.

Recommendation

Contact a qualified professional.





# 11: BUILT-IN APPLIANCES

		IN	NI	NP	D
11.1	Dishwasher	Χ			
11.2	Refrigerator	Χ			
11.3	Range/Oven/Cooktop	Χ			
11.4	Garbage Disposal			Χ	

# **Information**

Range/Oven/Cooktop: Exhaust

Hood Type Re-circulate

**Dishwasher: Brand** 

Maytag



Range/Oven/Cooktop: Range/Oven

**Energy Source** Electric

# **Refrigerator: Brand**Maytag







# Range/Oven/Cooktop: Range/Oven Brand Maytag









# 12: FIREPLACES AND FUEL-BURNING APPLIANCES

		IN	NI	NP	D
12.1	Fireplaces, Stoves & Inserts			Χ	
12.2	Fuel-buring Accessories			Х	
12.3	Chimney & Vent Systems			Χ	

# **Information**

# **Type**

None

# STANDARDS OF PRACTICE

#### Roofing

5.1 The inspector shall: A. inspect: 1. roofing materials. 2. roof drainage systems. 3. flashing. 4. skylights, chimneys, and roof penetrations. B. describe: 1. roofing materials. 2. methods used to inspect the roofing. 5.2 The inspector is NOT required to inspect: A. antennas. B. interiors of vent systems, uses, and chimneys that are not readily accessible. C. other installed accessories.

#### **Exterior**

4.1 The inspector shall: A. inspect: 1. wall coverings, flashing, and trim. 2. exterior doors. 3. attached and adjacent decks, balconies, stoops, steps, porches, and their associated railings. 4. eaves, soffits, and fascias where accessible from the ground level. 5. vegetation, grading, surface drainage, and retaining walls that are likely to adversely affect the building. 6. adjacent and entryway walkways, patios, and driveways. B. describe wall coverings. 4.2 The inspector is NOT required to inspect: A. screening, shutters, awnings, and similar seasonal accessories. B. fences, boundary walls, and similar structures. C. geological and soil conditions. D. recreational facilities. E. outbuildings other than garages and carports. F. seawalls, break-walls, and docks. G. erosion control and earth stabilization measures.

#### **Structural Components**

3. STRUCTURAL COMPONENTS 3.1 The inspector shall: A. inspect structural components including the foundation and framing. B. describe: 1. the methods used to inspect under floor crawlspaces and attics. 2. the foundation. 3. the floor structure. 4. the wall structure. 5. the ceiling structure. 6. the roof structure. 3.2 The inspector is NOT required to: A. provide engineering or architectural services or analysis. B. offer an opinion about the adequacy of structural systems and components. C. enter under floor crawlspace areas that have less than 24 inches of vertical clearance between components and the ground or that have an access opening smaller than 16 inches by 24 inches. D. traverse attic load-bearing components that are concealed by insulation or by other materials.

#### **Insulation and Ventilation**

11.1 The inspector shall: A. inspect: 1. insulation and vapor retarders in unfinished spaces. 2. ventilation of attics and foundation areas. 3. kitchen, bathroom, laundry, and similar exhaust systems. 4. clothes dryer exhaust systems. B. describe: 1. insulation and vapor retarders in unfinished spaces. 2. absence of insulation in unfinished spaces at conditioned surfaces. 11.2 The inspector is NOT required to disturb insulation.

#### **Electrical**

7.1 The inspector shall: A. inspect: 1. service drop. 2. service entrance conductors, cables, and raceways. 3. service equipment and main disconnects. 4. service grounding. 5. interior components of service panels and subpanels. 6. conductors. 7. overcurrent protection devices. 8. a representative number of installed lighting fixtures, switches, and receptacles. 9. ground fault circuit interrupters and arc fault circuit interrupters. B. describe: 1. amperage rating of the service. 2. location of main disconnect(s) and subpanels. 3. presence or absence of smoke alarms and carbon monoxide alarms. 4. the predominant branch circuit wiring method. 7.2 The inspector is NOT required to: A. inspect: 1. remote control devices. 2. or test smoke and carbon monoxide alarms, security systems, and other signaling and warning devices. 3. low voltage wiring systems and components. 4. ancillary wiring systems and components not a part of the primary electrical power distribution system. 5. solar, geothermal, wind, and other renewable energy systems. B. measure amperage, voltage, and impedance. C. determine the age and type of smoke alarms and carbon monoxide alarms.

## Heating

8.1 The inspector shall: A. open readily openable access panels. B. inspect: 1. installed heating equipment. 2. vent systems, uses, and chimneys. 3. distribution systems. C. describe: 1. energy source(s). 2. heating systems. 8.2 The inspector is NOT required to: A. inspect: 1. interiors of vent systems, uses, and chimneys that are not readily accessible. 2. heat exchangers. 3. humidifiers and dehumidifiers. 4. electric air cleaning and sanitizing devices. 5. heating systems using ground-source, water-source, solar, and renewable energy technologies. 6. heat-recovery and similar whole-house mechanical ventilation systems. B. determine: 1. heat supply adequacy and distribution balance. 2. the adequacy of combustion air components.

### **Plumbing**

6.1 The inspector shall: A. inspect: 1. interior water supply and distribution systems including fixtures and faucets. 2. interior drain, waste, and vent systems including fixtures. 3. water heating equipment and hot water supply systems. 4. vent systems, flues, and chimneys. 5. fuel storage and fuel distribution systems. 6. sewage ejectors, sump pumps, and related piping. B. describe: 1. interior water supply, drain, waste, and vent piping materials. 2. water heating equipment including energy source(s). 3. location of main water and fuel shut-off valves. 6.2 The inspector is NOT required to: A. inspect: 1. clothes washing machine connections. 2. interiors of vent systems, flues, and chimneys that are not readily accessible. 3. wells, well pumps, and water storage related equipment. 4. water conditioning systems. 5. solar, geothermal, and other renewable energy water heating systems. 6. manual and automatic re-extinguishing and sprinkler systems and landscape irrigation systems. 7. septic and other sewage disposal systems. B. determine: 1. whether water supply and sewage disposal are public or private. 2. water quality. 3. the adequacy of combustion air components. C. measure water supply low and pressure, and well water quantity. D. fill shower pans and fixtures to test for leaks.

#### **Air Conditioning**

9.1 The inspector shall: A. open readily openable access panels. B. inspect: 1. central and permanently installed cooling equipment. 2. distribution systems. C. describe: 1. energy source(s). 2. cooling systems. 9.2 The inspector is NOT required to: A. inspect electric air cleaning and sanitizing devices. B. determine cooling supply adequacy and distribution balance. C. inspect cooling units that are not permanently installed or that are installed in windows. D. inspect cooling systems using ground source, water source, solar, and renewable energy technologies.

#### **Interiors**

10.1 The inspector shall inspect: A. walls, ceilings, and floors. B. steps, stairways, and railings. C. countertops and a representative number of installed cabinets. D. a representative number of doors and windows. E. garage vehicle doors and garage vehicle door operators. F. installed ovens, ranges, surface cooking appliances, microwave ovens, dishwashing machines, and food waste grinders by using normal operating controls to activate the primary function. 10.2 The inspector is NOT required to inspect: A. paint, wallpaper, and other finish treatments. B. floor coverings. C. window treatments. D. coatings on and the hermetic seals between panes of window glass. E. central vacuum systems. F. recreational facilities. G. installed and free-standing kitchen and laundry appliances not listed in Section 10.1.F. H. appliance thermostats including their calibration, adequacy of heating elements, self cleaning oven cycles, indicator lights, door seals, timers, clocks, timed features, and other specialized features of the appliance. I. operate, or confirm the operation of every control and feature of an inspected appliance.

#### **Built-in Appliances**

10.1 The inspector shall inspect: F. installed ovens, ranges, surface cooking appliances, microwave ovens, dishwashing machines, and food waste grinders by using normal operating controls to activate the primary function. 10.2 The inspector is NOT required to inspect: G. installed and free-standing kitchen and laundry appliances not listed in Section 10.1.F. H. appliance thermostats including their calibration, adequacy of heating elements, self cleaning oven cycles, indicator lights, door seals, timers, clocks, timed features, and other specialized features of the appliance. I. operate, or con rm the operation of every control and feature of an inspected appliance.

#### **Fireplaces and Fuel-Burning Appliances**

12.1 The inspector shall: A. inspect: 1. fuel-burning replaces, stoves, and replace inserts. 2. fuel-burning accessories installed in replaces. 3. chimneys and vent systems. B. describe systems and components listed in 12.1.A.1 and .2. 12.2 The inspector is NOT required to: A. inspect: 1. interiors of vent systems, uses, and chimneys that are not readily accessible. 2. fire screens and doors. 3. seals and gaskets. 4. automatic fuel feed devices. 5. mantles and replace surrounds. 6. combustion air components and to determine their adequacy. 7. heat distribution assists (gravity fed and fan assisted). 8. fuel-burning replaces and appliances located outside the inspected structures. B. determine draft characteristics. C. move fireplace inserts and stoves or firebox contents.