

# HEATING

## DESCRIPTION

- Fuel:**  Gas  Electricity  
 Oil  Wood  
(for Wood Stoves, see Interior 8.0)
- 2.0  Electric Heaters  
 3.0  Furnace  
 4.0  Boiler 17.0  Steam Boiler  
 5.0  Conversion to Forced Air  
 6.0  Conversion from Oil to Gas  
 15.9  Hot Water Radiant Heat  
 15.10  Electric Radiant Heat  
 18.0  Combination Heating System

- 7.0 **Chimney Liner:**  
 None  Metal  
 Clay  Not Applicable  
 Cement  Not Visible  
 Required  Required for  
 Not Required Conversion/  
 Upgrade  
 Main Fuel Shut Off Valve at Left/Left

- 8.0 **Efficiency:**  
 Conventional  High  
 Mid  \_\_\_\_\_
- 9.0 **Capacity:**  
 (input/output) 69/69 x 1000 BTU/hr  
 Approx. Age: 1/1 yrs. old
- 10.0 **Failure Probability:**  
 High  Medium  Low
- 14.24  Heat Recovery Ventilator

## IMPROVEMENT RECOMMENDATIONS NONE AT PRESENT

Reference	Limitations	Task	Location	Time
	<b>Data Plate:</b> <input type="checkbox"/> Missing <input type="checkbox"/> Not Legible <input type="checkbox"/> Incomplete <input type="checkbox"/> Chimney Clean-out Not Opened 16.1 <input type="checkbox"/> System Shut Off/Inoperative <input type="checkbox"/> Oil Tank Not Visible <input checked="" type="checkbox"/> Radiator/Zone Valves Not Tested 16.2 <input type="checkbox"/> Summer Test Procedure <input checked="" type="checkbox"/> Heat Loss Calculations Not Done 16.3 <input type="checkbox"/> A/C or Heat Pump Operating <input checked="" type="checkbox"/> Safety Devices Not Tested <input checked="" type="checkbox"/> Heat Exchanger Not Visible/Inaccessible <input type="checkbox"/> Circulating Pump Not Tested <input checked="" type="checkbox"/> Moisture problems may result in visible or concealed mold growth. Environmental Consultants can assist if this is a concern. <input checked="" type="checkbox"/> Asbestos may be present in many building products and materials. Environmental Consultants can assist if this is a concern. <input checked="" type="checkbox"/> Buried tanks are not included in the inspection. Environmental Consultants can assist if this is a concern.			
11.0	Gas Piping - leaks, material, support			
14.20	Oil Tank - leak, abandoned, oil piping, filter, location			
14.3/4	Oil Burner / Primary Control - adjustment			
14.2/15	Gas Burner / Gas Valve - adjustment, rust, flashback, leak			
14.6/7	Pilot & Thermocouple / Pilotless Ignition			
14.16/12	Heat Shield / Refractory - damage, exhaust gases			
14.1/10	Exhaust Flue / Barometric Damper - rust, connections, slope, inoperative, exhaust gases, plastic			
14.17/18	Chimney / Liner / Clean-out - dirty, obstructed, further investigation			
14.5/11	Combustion Air / Clearance from Combustibles - inadequate			
14.8/9	Vent Damper / Induced Draft Fan - inoperative, service			
14.13/14	Condensate Line / Pump - leak, dirty			
14.19	Thermostat - damaged, location, adjustment, loose			
10.0/12.1	FURNACE - heat exchanger, rust, suspect, old, inoperative, service, retrofit	# 1		
12.3	Blower / Motor - noisy, dirty, adjust belt	OKAY		
12.4	Humidifier - location, adjustment, leak, dirty, damper, inoperative, drained, not tested			
12.5/6	Air Filter / Electronic Filter - dirty, inoperative, service, damaged	# 2		
12.7	Fan / Limit Switch - adjustment	OKAY		
12.8	Electric Plenum Heater - inoperative			
15.7	Motorized Dampers - adjustment, inoperative			
15.1/2	Supply / Return Ducts & Registers - number, location, connections, rust, obstructed - balance, damaged, see 13.0 in Cooling/Heat Pumps			
13/17.0	BOILER - Hot Water / Steam - old, inoperative, service, leak			
13.3/4	Expansion Tank / Relief Valve - leak, waterlogged, discharge			
13.5/6	Pressure Reducing Valve / Back-flow Preventer - leak, adjustment			
13.2/7	High Temp. Limit / Low Water Cut-out - leak, adjustment			
13.8/9	Isolating Valves / Circulating Pump - leak, noisy, inoperative			
15.3/4	Radiators / Baseboards / Valves - leak, corrosion			
15.5/6/8	Bleed Valves / Piping / Zone Valves - leak, corrosion			
18.0	Combination Heating System - undersized, leaks, water temp			
14.23	ELECTRIC Heaters - inoperative, rust			
14.21/22	Elements & Wiring / Fuses & Breakers - safety, overfusing, exposed, burned, melted			
15.9/10	Radiant Heat - inoperative			
14.24	Heat Recovery Ventilator - dirty, duct connection, intake, exhaust, flow collars			

## COMMENTS

- See Supplementary Section  Inappropriate Materials or Installation

Supply Temp: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ Return Temp: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ ΔT: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_