



HVAC Quality Installation

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Why QI?

- Corner cutting industry
- Like diet and exercise
- Wake up call
- 13 Essential Elements




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Consumer Education Materials

CUSTOMER NAME _____ JOB NUMBER _____

PROJECT QUALITY ASSURANCE/CONTROL CHECK LIST

INSTALLATION		INSTALLATION	
FURNACE		AIR CONDITIONER	
<input type="checkbox"/> Yes <input type="checkbox"/> No	Is it level?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Outdoor Unit and Pad Level?
<input type="checkbox"/>	Is there clearance on sides and back	<input type="checkbox"/>	Non-fused disconnected installed?
<input type="checkbox"/>	Is information tray installed?	<input type="checkbox"/>	Adequate Service access around outdoor unit?
<input type="checkbox"/>	Is homeowner information package in info tray	<input type="checkbox"/>	Line set straight and properly secured?
<input type="checkbox"/>	Air leaks at furnace sealed?	<input type="checkbox"/>	Drain connected and working properly?
<input type="checkbox"/>	Gas valve turned on	<input type="checkbox"/>	Condensate pump working properly?
<input type="checkbox"/>	Shifter on furnace?	<input type="checkbox"/>	Refrigerant system evacuated and vacuum held for 15 minutes?
<input type="checkbox"/>	Wipe & Clean furnace & GAC	<input type="checkbox"/>	Refrigerant system pressurized with nitrogen and leak checked?
<input type="checkbox"/>	Verify no Gas Leaks	<input type="checkbox"/>	Filter checked and replaced if not clean?
<input type="checkbox"/>	Is the service disconnect working?	<input type="checkbox"/>	Circuit breaker and/or subpanel installed?
MECHANICAL VENTILATION SYSTEM		<input type="checkbox"/>	All penetrations sealed?
<input type="checkbox"/>	System installed per manufacturer's instructions	<input type="checkbox"/>	Secondary condensate pan sealed and drains properly?
<input type="checkbox"/>	Is intake distance from exhaust per code	<input type="checkbox"/>	Line set insulated to valves and coil?
SEWENT OR PVC VENTING		BOILER	
<input type="checkbox"/>	1" Clearance from wood?	<input type="checkbox"/>	Low water cut-off operating properly?
<input type="checkbox"/>	Flue system complete & steam collar sealed?	<input type="checkbox"/>	Is it level?
<input type="checkbox"/>	Flue trim plate at ceiling in garage?	<input type="checkbox"/>	Flue cleared from all joints?
<input type="checkbox"/>	Is vent straight and height above roof per code?	<input type="checkbox"/>	All hydraulic accessories properly installed, wired and operating?
<input type="checkbox"/>	Fire stopped on all levels?	<input type="checkbox"/>	Distribution piping is straight and level?
<input type="checkbox"/>	Vent pipe size per manufacturer's recommendations?	<input type="checkbox"/>	Air distribution piping is hot after 15 min. of operation?
<input type="checkbox"/>	PVC vent pipe properly pitched?	<input type="checkbox"/>	Verify no gas leaks?
<input type="checkbox"/>	All penetrations sealed?	AIR DISTRIBUTION SYSTEM	
<input type="checkbox"/>	Air ducts straight?		



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Consumer Education Materials

What YOU can expect from TAG?

1. A FREE estimate taking approximately 1 hour including:
 - a. Measuring your home so we can create a drawing of your home allowing us to perform room-by-room heat loss/gain calculations.
 - b. Gas appliance draft inspection
 - c. Visual inspection of all heating and cooling appliances
 - d. Oven CO check
 - e. Discussion of your needs – what are you looking to upgrade or replace
2. A Comprehensive Home Assessment (Value of \$299) taking approximately 1.5 hours including:
 - a. An infiltration test using a Blower Door
 - b. Verification of insulation levels in walls and roof area
 - c. Verification of the condition of your windows, doors, and appliances
 - d. Inspection of your air distribution system (ductwork)
 - e. Lighting inventory
 - f. Appliance inventory
 - g. Analysis of 1 year's utility bills
 - h. Combustion Safety Check
 - i. Natural Gas or LP piping inspection (using a Combustible Gas Detector)

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The Results

- QI is good for business
 - Third party verification is a good selling tool
 - > Done through Home Performance with ENERGY STAR
 - > Customers feel good to have an independent check that things are done correctly
 - Less callbacks
 - Less breakdowns
 - Satisfied customers



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