



**CAPITAL**  
HEATING • COOLING  
ELECTRIC

# FURNACE BEYONDIFICATION



TASK	REASON
<input type="checkbox"/> Examine parts for visible wear	Avoids costly service calls
<input type="checkbox"/> Check and secure all panels	New systems have a blower door safety and will not operate if door is not properly in place
<input type="checkbox"/> Examine all electrical connections	Extends life of system, ensures safety
<input type="checkbox"/> Check unit disconnect switch	Worn, overheated disconnect blows fuses, potentially dangerous
<input type="checkbox"/> Check temperature difference across coil	Temperature differences indicates production and capacity of unit, also affects comfort level
<input type="checkbox"/> Remove debris around outside unit	Promotes efficiency, prevents damage to equipment
<input type="checkbox"/> Routine cleaning of condenser coil	Dirty condenser coils raises refrigerant pressures increasing electrical costs
<input type="checkbox"/> Check condenser fan motor stability	Prevents costly service calls
<input type="checkbox"/> Check condenser fan motor amp draw	Ensures optimum performance, protects equipment
<input type="checkbox"/> Check condenser fan blades for vibration	Prevents damage to unit and costly service calls
<input type="checkbox"/> Check reversing valve	Improperly operating reversing valve wastes energy
<input type="checkbox"/> Check crankcase heater	Crankcase heaters that do not work lead to compressor failure
<input type="checkbox"/> Check relays & contractors	Worn contractors and loose connections can lead to motor and compressor failure