

Single-Family Homes

Measure Name	Description
AC. Air Conditioning	
A-Coil Cleaning	Clean the A-Coil so it works and is non-restrictive to the airflow.
A-Coil Pan Replacement	Replace the A-Coil pan that is damaged and/or leaking.
A-Coil Recharge	Recharge the air conditioning system.
A-Coil Replacement	Replace the damaged or broken A-Coil with similar model. Recharge A/C unit. If A/C coil was replaced in the winter contractor will need to go back in the spring to recharge.
Central Air Conditioning Coolant - Per Pound	Price per pound to add coolant to the central air conditioning system during a central air conditioning tune-up.
Central Air Conditioning Tune-up	Central Air Conditioning Tune-up to include the following: Cleaning of the condenser coil, check coolant level (if needed see price above for up to two pounds), check coolant pressure, check indoor filter, check belt and lube motor (if needed), test all controls, blow out drain lines, perform a visual inspection of the system, and educate the homeowner on proper system operation.
Replacement - Central Air Conditioning - 1.5 ton	System must achieve SEER 15 as documented by AHRI. Includes platform, all necessary refrigeration piping, evap coil and condenser, wiring, controls and duct work modification. Assume transition from R-22 to R-410A.
Replacement - Central Air Conditioning - 2 ton	System must achieve SEER 15 as documented by AHRI. Includes platform, all necessary refrigeration piping, evap coil and condenser, wiring, controls and duct work modification. Assume transition from R-22 to R-410A.
Replacement - Central Air Conditioning - 2.5 ton	System must achieve SEER 15 as documented by AHRI. Includes platform, all necessary refrigeration piping, evap coil and condenser, wiring, controls and duct work modification. Assume transition from R-22 to R-410A.
Replacement - Central Air Conditioning - 3 ton	System must achieve SEER 15 as documented by AHRI. Includes platform, all necessary refrigeration piping, evap coil and condenser, wiring, controls and duct work modification. Assume transition from R-22 to R-410A.

CT. Clean and Tune	Description
Gas Boiler Clean and Tune	Clean and tune the gas boiler per instructions on "Gas Boiler Clean and Tune Form".
Gas Furnace Clean and Tune	Clean and tune the gas furnace per instructions on the "Gas Furnace Clean and Tune Form".
HRV/ERV Clean and Tune	Clean and tune the heat recovery ventilator or energy recovery ventilator so operating at manufacturers specifications. Includes changing filter(s) or cleaning washable filter(s).
Oil Boiler Clean and Tune	Clean and tune the oil boiler per instructions on "Oil Boiler Clean and Tune Form".
Oil Furnace Clean and Tune	Clean and tune the oil furnace per instructions on "Oil Furnace Clean and Tune Form".
Oven Clean and Tune	Clean and tune the gas oven so it is operating at less than 100 PPM.

CO. Controls	Description
Programmable Thermostat Replacement	Replace existing thermostat with programmable thermostat. Ensure there is proper wiring for all mechanical systems to work correctly. "Fan on" must function independently from call for heat. Educate the client on how to use the programmable thermostat and leave client with the owner's manual.
Thermostat Moved to New Location	Relocate thermostat to a new location that will take an accurate reading.
Zone Valve Replacement - Boiler	Replace zone valve on boiler system so it functions properly.
Zone Valve Replacement - Furnace	Replace zone valve on furnace system so it functions properly.

FU. Furnace	Description
Heat Exchanger Checked for Cracks	Confirm whether the heat exchanger has any cracks and document. Perform this test before any other work. If the heat exchanger is cracked stop all work and contact DCCDA.
Condensate Line Replacement	Replace the condensate line with new braided hose.
Condensate Pump Installation	Install a new condensate pump with braided condensate line(s) and verify proper operation. Mechanically secure.
Control Board Replacement	Replace existing control board on heating system with new control board for specific unit.
Flame Sensing Rod - Clean or Replace	Clean or replace the flame sensing rod on the heating system and verify it is properly sensing the flame.
Inducer Motor Replacement	Replace the inducer motor with unit for specific furnace.
Pressure Switch Replacement	Replace the pressure switch on the furnace with new pressure switch for specific unit.

FUah. Air Handling	Description
16"x25"x1" Filter Boot Installation	Install a new 16"x25"x1" filter boot with cover on to the existing return drop.
16"x25"x1" Filter Boot and Return Drop Installation	Install a new 16"x25"x1" filter boot with cover and new radiused return drop from the main return trunk line.
Blower Motor - EC- Motor Upgrade	Upgrade existing blower motor to an Electronically Commutated Motor (ECM), verify proper operation.
Blower Motor Replacement - Standard	Replace existing blower motor with similar motor of original equipment and verify proper operation.

Measure Name	Description
Filter Cover Installation	Install new filter cover that seals tightly around the furnace filter.
Seal Filter Rack	Seal around filter rack - if furnace is not being replaced
Filter Rack Changed to 1" Filter	Install a slot for a 1" furnace filter with cover to fit tightly in the return boot.
Humidifier Removal	Remove the existing humidifier on the furnace, disconnect all wiring and plumbing, and patch sheet metal holes.
Register/Grill Replacement - Return or Supply	Replace return/supply grill with non-restrictive grill to match the décor in the home.
Return Drop Grill Sealed	Remove return grill from the return drop, patch with sheet metal, and seal with duct mastic.

GH. Gas Handling	Description
Furnace Gas Control Valve Replacement	Replace the furnace gas control valve with new gas control valve designed for the furnace and verify proper operation.
Water Heater Gas Control Valve Replacement	Replace the water heater gas control valve with new gas control valve designed for the water heater and verify proper operation.
Cap Off Gas Line	Cap off gas line that is not in use with permanent cap, verify no gas leaks.
Dryer Gas Line Replacement	Replace clothes dryer gas line to code.
Gas Leak Repair	Repair gas leak on the gas piping and verify no leaks with soap bubble solution.
Gas Line Drip Leg	Install a drip leg on to the specified gas line per code.
Gas Shut Off Valve Installation	Install new gas shutoff valve on specified gas line per code.
Thermocouple Replacement	Replace thermocouple with new thermocouple.
Pressure Regulator Replacement	Replace the pressure regulator on the specified gas line per code.
Re-Pipe Gas Line	Re-pipe specified gas line per code.

VV. Venting/Ventilati	Description
Chimney Cap	Install a chimney cap on the chimney liner, per code.
Combustion Air Remove from Return	Remove existing combustion air duct from the return, patch hole, re-route ducting to drop with J-trap terminating 18" above the floor.
Combustion Air J-Trap	Install J-trap onto existing combustion air terminating 18" above the floor.
Install new combustion air	Drill and install new combustion air duct w/ a J-trap terminating 18" above floor

WH. Water Heating	Description
Atmospherically Vented Replacement - 40 Gallon Water Heater	Install new 40 gallon natural gas atmospherically vented water heater, include venting, pressure relief drop pipe 6" to 18" from the floor, dielectric unions, heat trap within the water heater, and removal/recycling of old equipment. Wiring to be done by licensed electrician.
Atmospherically Vented Replacement - 50 Gallon Water Heater	Install new 50 gallon natural gas atmospherically vented water heater, include venting, pressure relief drop pipe 6" to 18" from the floor, dielectric unions, heat trap within the water heater, and removal/recycling of old equipment. Wiring to be done by licensed electrician.
Electric Water Heater Replacement 40 Gallon Water Heater	Install new 40 gallon electric water heater, include pressure relief drop pipe 6" to 18" from the floor, dielectric unions, heat trap within the water heater, and removal/recycling of old equipment. Wiring to be done by licensed electrician.
Electric Water Heater Replacement 50 Gallon Water Heater	Install new 50 gallon electric water heater, include pressure relief drop pipe 6" to 18" from the floor, dielectric unions, heat trap within the water heater, and removal/recycling of old equipment. Wiring to be done by licensed electrician.
Power Vented Water Heater - 40 Gallon	Install 40 gallon natural gas one pipe with 2" PVC power vented water heater with internal heat trap and low NOx burner in place of existing atmospheric water heater. Unit must be
Power Vented Water Heater - 50 Gallon	Install 50 gallon natural gas one pipe with 2" PVC power vented water heater with internal heat trap and low NOx burner in place of existing atmospheric water heater. Unit must be minimum of .67 energy factor. Install pressure relief drop pipe 6" to 18" from the floor, GFCI electrical outlet, dielectric unions, and remove/recycle old unit. Wiring to be completed by licensed electrician. Include secured pipewrap on 6' of hot and 6' of cold waterlines beginning at the top of the tank.
Water Heater - Pressure Relief Valve Replacement	Replace existing relief valve at water heater, use specified pressure rating per manufacturer.
Water Heater - Relief Drop	Install new water heater pressure relief drop pipe 6" to 18" from the floor.
Water Inlet Valve Replacement	Replace/install water inlet/shutoff valve to water heater.
Water Line Leak Repair	Repair water leak on piping to water heater.
Drain Valve Replacement	Replace existing water heater drain valve with new.

MI. Miscellaneous	Description
Battery Smoke Detector Install	Install a new 10-year sealed battery lithium battery operated smoke detector per local building and fire code at specified location.
Battery CO Detector Install	Install a new 10-year sealed battery lithium battery operated CO detector per local building and fire code at specified location.
Battery CO/Smoke Combo Install	Install a new 10-year sealed battery lithium battery operated combination smoke/CO detector per local building and fire code at specified location.
Hardwired Smoke Detector Install	Install a new hardwired operated smoke detector per local building and fire code at specified location.
Hardwired CO Detector Install	Install a new hardwired operated CO detector per local building and fire code at specified location.

Measure Name	Description
Hardwired CO/Smoke Combo Install	Install a new hardwired operated combination smoke/CO detector per local building and fire code at specified location.

FR. Furnace Replace	Description
96% Furnace w/ECM two stage Natural Gas 30K-49K BTU/HR	Replace existing furnace with 96% furnace w/ECM two stage natural gas 30K-49K BTU/HR according to code and verify correct operation. Included: 2-pipe concentric venting preferred. ACCA/ANSI certified Manual J calculation, modify plenum as needed, sheetmetal manual holder, furnace pad, Merv 6-8 furnace filter, basic cleaning of a-coil and condensate pan, gas reconnect, electrical reconnect with shutoff switch, braided condensate line, secure condensate line, complete "Mechanical Testing Form", setup costs, labor, overhead, permits, removal/recycle of old unit, and complete all manufacturer's warranties. For testing purposes, drill 3/8" threaded hole in PVC vent pipe and install a knurled plastic screw. Use a licensed electrician to perform wiring as needed per code.
96% Furnace w/ECM two stage Natural Gas 50K-79K BTU/HR	Replace existing furnace with 96% furnace w/ECM two stage natural gas 50K-79K BTU/HR according to code and verify correct operation. Included: 2-pipe concentric venting preferred. ACCA/ANSI certified Manual J calculation, modify plenum as needed, sheetmetal manual holder, furnace pad, Merv 6-8 furnace filter, basic cleaning of a-coil and condensate pan, gas reconnect, electrical reconnect with shutoff switch, braided condensate line, secure condensate line, complete "Mechanical Testing Form", setup costs, labor, overhead, permits, removal/recycle of old unit, and complete all manufacturer's warranties. For testing purposes, drill 3/8" threaded hole in PVC vent pipe and install a knurled plastic screw. Use a licensed electrician to perform wiring as needed per code.
96% Furnace w/ECM two stage Natural Gas 80K-100K BTU/HR	Replace existing furnace with 96% furnace w/ECM two stage natural gas 80K-100K BTU/HR according to code and verify correct operation. Included: 2-pipe concentric venting preferred. ACCA/ANSI certified Manual J calculation, modify plenum as needed, sheetmetal manual holder, furnace pad, Merv 6-8 furnace filter, basic cleaning of a-coil and condensate pan, gas reconnect, electrical reconnect with shutoff switch, braided condensate line, secure condensate line, complete "Mechanical Testing Form", setup costs, labor, overhead, permits, removal/recycle of old unit, and complete all manufacturer's warranties. For testing purposes, drill 3/8" threaded hole in PVC vent pipe and install a knurled plastic screw. Use a licensed electrician to perform wiring as needed per code.
96% Furnace w/ECM two stage Propane 30K-49K BTU/HR	Replace existing furnace with 96% furnace w/ECM two stage propane 30K-49K BTU/HR according to code and verify correct operation. Included: 2-pipe concentric venting preferred. ACCA/ANSI certified Manual J calculation, modify plenum as needed, sheetmetal manual holder, furnace pad, Merv 6-8 furnace filter, basic cleaning of a-coil and condensate pan, gas reconnect, electrical reconnect with shutoff switch, braided condensate line, secure condensate line, complete "Mechanical Testing Form", setup costs, labor, overhead, permits, removal/recycle of old unit, and complete all manufacturer's warranties. For testing purposes, drill 3/8" threaded hole in PVC vent pipe and install a knurled plastic screw. Use a licensed electrician to perform wiring as needed per code.
96% Furnace w/ECM two stage Propane 50K-79K BTU/HR	Replace existing furnace with 96% furnace w/ECM two stage propane 50K-79K BTU/HR according to code and verify correct operation. Included: 2-pipe concentric venting preferred. ACCA/ANSI certified Manual J calculation, modify plenum as needed, sheetmetal manual holder, furnace pad, Merv 6-8 furnace filter, basic cleaning of a-coil and condensate pan, gas reconnect, electrical reconnect with shutoff switch, braided condensate line, secure condensate line, complete "Mechanical Testing Form", setup costs, labor, overhead, permits, removal/recycle of old unit, and complete all manufacturer's warranties. For testing purposes, drill 3/8" threaded hole in PVC vent pipe and install a knurled plastic screw. Use a licensed electrician to perform wiring as needed per code.
96% Furnace w/ECM two stage Propane 80K-100K BTU/HR	Replace existing furnace with 96% furnace w/ECM two stage propane 80K-100K BTU/HR according to code and verify correct operation. Included: 2-pipe concentric venting preferred. ACCA/ANSI certified Manual J calculation, modify plenum as needed, sheetmetal manual holder, furnace pad, Merv 6-8 furnace filter, basic cleaning of a-coil and condensate pan, gas reconnect, electrical reconnect with shutoff switch, braided condensate line, secure condensate line, complete "Mechanical Testing Form", setup costs, labor, overhead, permits, removal/recycle of old unit, and complete all manufacturer's warranties. For testing purposes, drill 3/8" threaded hole in PVC vent pipe and install a knurled plastic screw. Use a licensed electrician to perform wiring as needed per code.

Mobile Homes

Measure Name	Description
MH. Mobile Home - General	
Description	
Replacement - Central Air Conditioning - 1.5 ton	System must achieve SEER 15 as documented by AHRI. Includes platform, all necessary refrigeration piping, evap coil and condenser, wiring, controls and duct work modification. Assume transition from R-22 to R-410A.
Replacement - Central Air Conditioning - 2 ton	System must achieve SEER 15 as documented by AHRI. Includes platform, all necessary refrigeration piping, evap coil and condenser, wiring, controls and duct work modification. Assume transition from R-22 to R-410A.
Replacement - Central Air Conditioning - 2.5 ton	System must achieve SEER 15 as documented by AHRI. Includes platform, all necessary refrigeration piping, evap coil and condenser, wiring, controls and duct work modification. Assume transition from R-22 to R-410A.
Replacement - Central Air Conditioning - 3 ton	System must achieve SEER 15 as documented by AHRI. Includes platform, all necessary refrigeration piping, evap coil and condenser, wiring, controls and duct work modification. Assume transition from R-22 to R-410A.
Maintenance for window unit	Clean filter and comb bent fins
MHct. Mobile Home - Clean	
Description	
Gas Furnace Clean and Tune	Clean and tune the gas furnace per instructions on the "Gas Furnace Clean and Tune Form".
MHco. Mobile Home - Contr	
Description	
Programmable Thermostat Replacement	Replace existing thermostat with programmable thermostat. Ensure there is proper wiring for all mechanical systems to work correctly. "Fan on" must function independently from call for heat. Educate the client on how to use the programmable thermostat and leave client with the owner's manual.
Thermostat Moved to New Location	Relocate thermostat to a new location that will take an accurate reading.
Thermostat Wiring Repair or Replacement	Rewire thermostat so it functions properly with the heating/cooling systems.
MHah. Mobile Home - Air Ha	
Description	
Blower Motor Replacement	Replace existing blower motor with equivalent motor similar to the original equipment and verify proper operation.
Register/Grill Replacement - Return or Supply	Replace return/supply grill with non-restrictive grill to match the décor in the home.
MHfu. Mobile Home - Furnac	
Description	
Mobile Home Furnace Replacement	Replace existing furnace with a 95%+ two-stage mobile home approved model with ECM, as close as possible in output to the unit being replaced. Included: 2-pipe PVC venting with appropriate watertight cap using existing chimney opening, modify plenum as needed, Merv 6 furnace filter, basic cleaning of a-coil and condensate pan, gas reconnect, electrical reconnect with shutoff switch, one gallon condensate pump with braided condensate line run to an appropriate drain or stand pipe. If blend air ventilation is connected to furnace it must be left in functioning condition and attached to new furnace, complete install section of "Gas Furnace Clean and Tune/Replacement Form", complete "Mechanical Testing Form", setup costs, labor, overhead, permits, removal/recycle of old unit, leave owner's manual and complete all manufacturer's warranties. Drill 3/8" threaded hole in PVC vent pipe and install a knurled plastic screw. Use of a licensed electrician to perform wiring as needed per code.
Mobile Home Air Conditioner Evaporator Coil - Re-Install Existing	Re-install the existing air conditioner evaporator coil in the new furnace cabinet.