

# Gold Plan

\$19.99/monthly

## 30 POINT FURNACE PRECISION TUNE-UP & SAFETY CHECK

### 30 POINT CHECK INCLUDES:

- Check thermostat operation
- Check furnace operation before PTU
- Inspect heat exchanger
- Check & clean burners and pilot burner
- Check & clean igniter and flame sensor
- Check flame sensor micro amp reading
- Check & clean thermocouple
- Check inducer motor & pressure switch
- Check Inducer motor W.C. reading
- Inspect collector box
- Check & clean condensate drains and traps
- Check & clean blower assembly & motor
- Check blower motor capacitor (mfd) and reference manufacturer specifications
- Check blower motor amp draw and reference manufacturer specifications
- Clean blower compartment
- Check fan belts and replace as required
- Check all safety limit operations
- Check safety high limit reading for temperature it opens and reference manufacturer specifications
- Check all electrical connections at furnace (120v & 24v wiring)
- Check & adjust gas pressure
- Gas pressure W.C. reading 1st stage
- Gas pressure W.C. reading 2nd stage
- Leak test: Gas line shutoff & fittings
- Check temperature rise range and reference manufacturer specifications
- Check filter and replace if needed (1" standard filter included only)
- Inspect combustion air intake venting
- Review fresh air intake venting
- Monitor full furnace cycle and operation
- Visually inspect duct work
- Remove combustibles from furnace area.
- Review any concerns and questions with customer and go over thermostat control settings.

### POST PTU CHECK:

- Replaced doors securely on the furnace
- Set thermostat to original Setting
- Cleaned around furnace Area
- Check furnace operation AFTER PTU
- Check water leak alarm
- Check CO detectors

Or

## BOILER PRECISION TUNE-UP & SAFETY CHECK

### BOILER PRECISION TUNE UP & SAFETY CHECK INCLUDES:

- Check & clean burners & pilot burner
- Check & clean igniter & flame sensor
- Check manifold gas pressure
- Check flame sensor micro amp reading and reference manufacturer specifications
- Check thermocouple millivolt dropout and reference manufacturer specifications
- Clean thermocouple (replace if required)
- Check inducer motor & pressure switch
- Check inducer motor W.C. reading
- Inspect control wiring
- Check safety limit reading for temperature it opens and reference manufacturer specifications
- Test pressure relief valve
- Test water feed
- Test flow switch
- Test & clean low water cutoff
- Verify back flow preventer is operational
- Test operating control
- Check chimney is in good condition
- Check and clean the combustion air intake if required
- Test expansion tank
- Check outdoor reset on boiler (if installed)
- Test pumps
- Visual inspection of control wiring
- Combustion analysis to verify system efficiency and safety
- Check general condition of system
- Check water leak alarm
- Check CO detector

### CONDENSING BOILER ADDITIONAL TESTS (AS NEEDED):

- Flush heat exchanger & condensate drain
- Visual inspection for water stains and water leaks
- Clean outdoor combustion air screen
- Inspect condensate neutralizer
- Check and clear error codes in the control unit
- Verify boiler is operational before leaving
- Educate homeowner on system operation and maintenance