

## FURNACE AND BOILER

# TUNE-UP WITH COMBUSTION ANALYSIS REPORT



### I. CUSTOMER INFORMATION

First Name:	Last Name:	Consumers Energy Account Number:	
Street Address (where equipment was serviced):			Homeowner's Email (to receive status updates):
City:	State:	ZIP:	Home Phone:
Contractor Name:			Contractor Phone:

### II. HOUSE INFORMATION

House Type: <input type="checkbox"/> Single-Family <input type="checkbox"/> Condo <input type="checkbox"/> Townhouse <input type="checkbox"/> Rental <input type="checkbox"/> Manufactured/Mobile Home <input type="checkbox"/> Other
Year House Was Built: <input type="checkbox"/> 1979 or Older <input type="checkbox"/> 1980-2004 <input type="checkbox"/> 2005 to Present
Approximate Square Footage: _____ Does the house have a basement? <input type="checkbox"/> Yes <input type="checkbox"/> No

### III. TASKS COMPLETED FOR EACH FURNACE/BOILER

Provide manufacturer's information for the following items:	Furnace/Boiler Manufacturer:	
Furnace/Boiler Model Number:	Serial Number:	
Input BTUH:	Output BTUH:	Efficiency (AFUE):
Furnace Style/Boiler Venting Style: <input type="checkbox"/> Natural Draft <input type="checkbox"/> Induced Draft <input type="checkbox"/> 90% Plus Condensing		
Complete the following tasks and check them off as completed. Include combustion analysis pre- and post-tune-up in the area below:		
<b>Maintenance Tasks for Furnaces:</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Check and adjust manifold pressure.</li> <li><input type="checkbox"/> Check temperature rise and adjust airflow to meet manufacturer's recommendations.</li> <li><input type="checkbox"/> Clean burners, combustion chamber and heat exchanger surface when accessible.</li> <li><input type="checkbox"/> Clean and inspect burner orifices.</li> <li><input type="checkbox"/> Clean and inspect ignition system.</li> <li><input type="checkbox"/> Inspect condensate drain piping, clean as needed.</li> <li><input type="checkbox"/> Check for proper venting and for adequate combustion air (per code).</li> <li><input type="checkbox"/> Check and test safety controls.</li> <li><input type="checkbox"/> Inspect filter, replace standard 1" and 2" filters, clean washable filters.</li> <li><input type="checkbox"/> Inspect blower, clean in place. Removal of blower assembly not required.</li> <li><input type="checkbox"/> Run equipment through complete sequence of operation.</li> </ul>	<b>Maintenance Tasks for Boilers:</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Check and adjust manifold pressure.</li> <li><input type="checkbox"/> Measure water temperature rise and adjust flow to meet manufacturer's specifications.</li> <li><input type="checkbox"/> Clean burners, combustion chamber and heat exchanger surface when accessible.</li> <li><input type="checkbox"/> Clean and inspect burner orifices.</li> <li><input type="checkbox"/> Clean and inspect ignition system.</li> <li><input type="checkbox"/> Check for proper venting and for adequate combustion air (per code).</li> <li><input type="checkbox"/> Inspect condensate drain piping, clean as needed.</li> <li><input type="checkbox"/> Inspect water pump(s).</li> <li><input type="checkbox"/> Inspect expansion tank for corrosion and proper air cushion.</li> <li><input type="checkbox"/> Check and test safety controls.</li> <li><input type="checkbox"/> Run equipment through complete sequence of operation.</li> </ul>	
Combustion Efficiency	Pre-Service:	Post-Service:
Stack Temperature	Pre-Service:	Post-Service:
Carbon Dioxide	Pre-Service:	Post-Service:
Oxygen Level	Pre-Service:	Post-Service:
Carbon Monoxide	Pre-Service:	Post-Service:
Comments:		
Notes: Please refer to your combustion analyzer's documentation for proper ranges for the above readings. Make the appropriate adjustments or recommendations to remedy any readings that were found to be outside of required ranges. Record comments on any safety or efficiency items not resolved.		

Technician (print name): \_\_\_\_\_ Date: \_\_\_\_\_

Technician Signature: \_\_\_\_\_

Collect homeowner's signature on the Terms and Conditions form, or leave a copy for his/her review. Only one rebate is available for each qualifying heating unit purchased or serviced.

