

ThermWise Business Rebate – UTAH

Commercial Gas Boiler Tune-Up Requirements

| Incentive Tier | Boiler Size | Qualifications | Incentive Amount |
|----------------|------------------------------------|---|------------------|
| Tier 1 | Any size | Comply with tune-up requirements listed below - combustion efficiency test not required. | \$100 per unit |
| Tier 2 | ≥ 300 kBtu and $< 1,500$ kBtu | Comply with tune-up requirements listed below and must show a minimum 1% combustion efficiency improvement. | \$150 per unit |
| Tier 3 | $\geq 1,500$ kBtu | Comply with tune-up requirements listed below and must show a minimum 1% combustion efficiency improvement. | \$250 per unit |

Boiler Tune-Up Requirements:

1. **Must have ASME boiler stamp** – “S” stamp or “H” stamp on nameplate for power boilers, hot water heating and hot water supply boilers and steam heating boilers.
2. **Pre and post measurements of boiler combustion efficiency.** Include combustion analysis receipts with the rebate application.
3. **Adjust draft control** – maintains constant draft through the system to ensure complete combustion accounting for temperature and barometric changes.
4. **Check completeness of combustion** – monitored with a CO and O2 sensor. Results from this testing will affect the fuel input/air input measure.
5. **Clean fire side of heat exchanger (HX)** – scrubbing HX manually to remove buildup from combustion gases and more efficiently transfer heat from the source to steam/water.
6. **Optimize fuel input** – optimize the fuel input (and air input) based on combustion completeness results.