Furnaces Key Product Criteria

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| **Equipment** | **Specification** |
| Gas Furnaces Key Product Criteria | Rating of 90% AFUE or greater for U.S. South gas furnaces |
| Rating of 95% AFUE or greater for U.S. North gas furnaces |
| Oil Furnaces Key Product Criteria | Rating of 85% AFUE or greater |
| Gas and Oil Furnaces Key Product Criteria | Less than or equal to 2.0% furnace fan efficiency |
| Less than or equal to 2.0% air leakage |

Note: the ENERGY STAR specification for furnaces is intended for models installed and used in residences

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| **U.S. Regions** | **U.S. States per Region** |
| U.S. North | Alaska, Colorado, Connecticut, Idaho, Illinois, Indiana, Iowa, Kansas, Maine, Massachusetts, Michigan, Minnesota, Missouri, Montana, Nebraska, New Hampshire, New Jersey, New York, North Dakota, Ohio, Oregon, Pennsylvania, Rhode Island, South Dakota, Utah, Vermont, Washington, West Virginia, Wisconsin and Wyoming. |
| U.S. South | Alabama, American Samoa, Arizona, Arkansas, California, Delaware, District of Columbia, Florida, Georgia, Guam, Hawaii, Kentucky, Louisiana, Maryland, Mississippi, Nevada, New Mexico, North Carolina, Oklahoma, Puerto Rico, South Carolina, Tennessee, Texas and Virginia. |

**Furnace Fan Efficiency (“e”):**

The ratio of the furnace fan electrical consumption to the total energy consumption of the furnace during the heating mode.

**Residential Furnace:**

A heating unit with a heat input rate of less than 225,000 Btu per hour whose function is the combustion of fossil fuel (natural gas, propane, or oil) for space heating with forced hot air. Unit must include burner(s), heat exchanger(s), blower(s) and connections to heating ducts. A heating unit that meets this definition and also provides hot water for domestic or other use may be considered a furnace for purposes of this agreement.

**Annual Fuel Utilization Efficiency (AFUE):**

For the exact definition of AFUE, refer to the federal test method 10 CFR 430, Appendix N to Subpart B. In general, the percentage of the heat in the incoming fuel which is converted to space heat instead of being lost.

**Air Leakage (Qleak):**

The percent of the rated airflow of the fan that is required to maintain the applied pressures, accounting for air that leaves or enters through cracks, joints and penetrations in the furnace cabinet rather than through supply and return ducts installed in accordance with manufacturer’s instructions.