Advanced Centrally Ducted Heat Pump Specifications

This measure offers a three-tiered incentive structure to encourage progressive energy efficiency improvements. Eligibility for higher incentive levels is contingent upon completing and verifying the requirements of the preceding tier. *Last Updated: August 2026*

Tier 1:

To qualify for Tier 1, equipment must meet the following equipment, verification, and documentation criteria.

- **Equipment.** Certified under the CEE Tier 1 Path A specification found in one of the following industry databases:
  - Air-Conditioning, Heating, and Refrigeration Institute (AHRI) Directory of Certified Product Performance
  - Northeast Energy Efficiency Partnerships (NEEP) Cold Climate Air Source Heat Pump (ccASHP) Product List

Tier 2:

To qualify for Tier 2, equipment must first meet all Tier 1 requirements and meet the below sizing requirement and verification criteria.

- **Sizing.** Must be sized to meet 100% or more of the building's design heating load without auxiliary electric resistance backup at the minimum outdoor temperature determined by the 99.6% heating design temperature. If the design temperature is below 20°F, use 20°F.
- **Verification.** Verify and document sizing and equipment capacity using one of the following approved methods:
  - A full load calculation report (e.g., a PDF export of the Manual J output) performed in accordance with ACCA Manual J.
  - Output from the BetterBuilt NW HVAC Sizing Tool.
  - Report from other HVAC sizing calculations, tools and calculators that may be allowed with prior BPA approval. Please reach out to your BPA Energy Conservation Account Executive (ECAE) for prior approval.

Tier 3:

To qualify for Tier 3, equipment must first meet all Tier 1 equipment and Tier 2 sizing requirements in addition to meeting the following external static pressure and performance criteria.

- **External Static Pressure Limits**. The measured External Static Pressure (ESP) of the installed system must be less than or equal to (≤) the manufacturer's maximum allowable limit.
    - If the manufacturer's specification is not documented, the default maximum allowable limit is 0.8 inches water column (in. w.c.).
- **Testing and Measurement**. The HVAC contractor must perform field testing to measure and document the:
    - Manufacturer’s documented maximum External Static Pressure limit (if different than the default 0.8 in. w.c.).
    - Actual measured ESP of the installed system, taken specifically while the system is operating at its designated high airflow (CFM) setting.