

Notice of DOE Rule Affecting Single Package Vertical Units

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On December 7, 2022, the Department of Energy (DOE) published a final rule to amend its test procedures for single package vertical air conditioners and single package vertical heat pumps.

Capacity	SEER2 Test Procedure	HSPF Test Procedure
3/4 – 2.5 ton	0.30 ESP	0.30 ESP

As a result of final rule, DOE established definitions for “single-phase single package vertical air conditioners with cooling capacity less than 65,000 Btu/h” and for “single-phase single package vertical heat pumps with cooling capacity less than 65,000 Btu/h.”

Prior to this ruling, single package vertical units were considered commercial products listed as EER and COP. In 2023, any SPVU models that are single-phase with a cooling capacity less than 65,000 Btu/h are now considered by DOE to be Central Air Conditioners (CACs). Thus, all Eco-Series models had to be removed from the AHRI SPVU Directory and were added to the Space Constrained Air Conditioner & Heat Pump, Single-Package, Air-Cooled Directory.

Heat Pumps

1. Single-phase unit with cooling capacity less than 65,000 Btu/h
2. Rated per AHRI 210/240-2023 as SEER2/HSPF2
3. Units must have rated Heating Capacity at 17°F utilizing compressor as primary heat source
4. Units may include secondary supplemental heating by means of electrical resistance, steam, hot water, or gas

Air Conditioners

1. Single-phase unit with cooling capacity less than 65,000 Btu/h
2. Units are rated per AHRI 210/240 2023 as SEER2
3. Unit heating components may include electrical resistance, steam, hot water, or gas, but may not include reverse-cycle refrigeration as a heating means.

We are pleased to announce that all Eco Series and First Pak products meet these regulations, updated specifications will be available soon.

Watch your email for an invite to one of our virtual product update sessions Wed, Dec 20th or Thurs, Dec 21st.

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