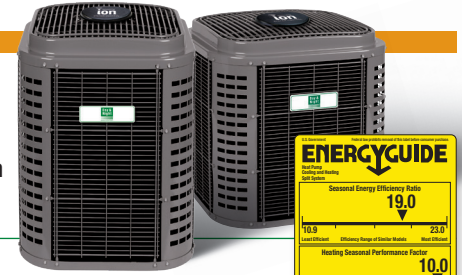


Setting New Standards for 2023: Minimum Efficiencies, Testing Procedures and What They Mean for You



Day & Night has thrived by continuously looking for the next advancement in comfort technology. That's why we are always prepared when it's time to meet new, federally mandated minimum efficiency standards. As we approach both a new set of minimum efficiency standards and new testing procedures for 2023, we will be ready.

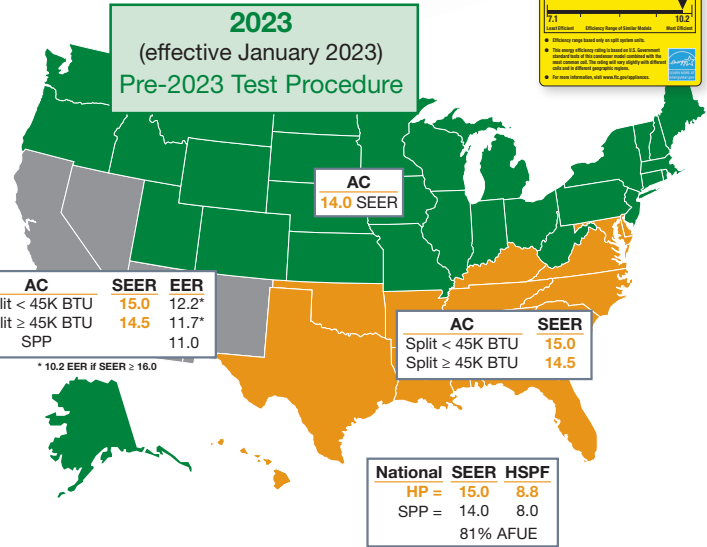


Why the Change

Every six years the Department of Energy (DOE) reanalyzes the effects of energy usage, sets minimum efficiency requirements and manages the testing standards by which those efficiencies are measured. For 2023, the DOE is increasing the minimum efficiencies for central air conditioners and heat pumps.

A New Normal is Coming for 2023 – SEER2, EER2 and HSPF2

In 2023, there will be new metrics and nomenclature – SEER2, EER2, and HSPF2. For now, we will continue to use the current terminology – SEER, EER and HSPF – to make ratings comparisons more apparent.



Air Conditioner Ratings

Air conditioner minimum efficiencies will increase by 1.0 SEER in the North and South Regions with the new test procedure.

Split System Air Conditioners – 2023 Regional Standards†						
System Type	North Region		Southeast Region		Southwest Region	
	New SEER	New SEER2	New SEER	New SEER2	New SEER	New SEER2
Split System ACs (AC < 45K Btu/h)	14.0 SEER	13.4 SEER2	15.0 SEER	14.3 SEER2	15.0 SEER and 12.2 EER*	14.3 SEER2 and 11.7 EER2**
Split System ACs (AC ≥ 45K Btu/h)	14.0 SEER	13.4 SEER2	14.5 SEER	13.8 SEER2	14.5 SEER and 11.7 EER*	13.8 SEER2 and 11.2 EER2**

* 10.2 EER if SEER ≥ 16.0 SEER ** 9.8 EER2 if SEER2 ≥ 15.2 SEER2

NOTE:
For the North Region, any 13.0 SEER AC built before January 1, 2023, **can still be installed** on or after January 1, 2023.
For the Southeast and Southwest Regions, any AC that does not meet the above requirements **cannot be installed** on or after January 1, 2023.

Heat Pump Ratings

Heat pump minimum efficiencies will increase by 1.0 SEER and will require an 8.8 HSPF with the new test procedure.

Split System Heat Pump – 2023 National Standards†		
System Type	National Efficiency Standard	
	New SEER and HSPF	New SEER2 and HSPF2
Split System HPs	15.0 SEER and 8.8 HSPF	14.3 SEER2 and 7.5 HSPF2

NOTE:
Any 14.0 SEER heat pump built before January 1, 2023, **can still be installed** on or after January 1, 2023.

† SEER, EER, and HSPF values shown are based on the current test procedure and are for reference only. Beginning January 2023, products must comply with the SEER2, EER2 and HSPF2 values developed using the 2023 test procedure.

Small Packaged Product Ratings

Small Packaged Products will not increase in minimum efficiency from 14.0 SEER and 8.0 HSPF, but will be required to comply with the new test procedure.

Packaged Systems – 2023 National Standards		
System Type	National Efficiency Standard	
	New SEER and HSPF	New SEER2 and HSPF2
Packaged ACs, Heat Pumps, Gas Electrics and Dual-Fuel HPs	14.0 SEER and 8.0 HSPF	13.4 SEER2 and 6.7 HSPF2

What It Means

- The 2023 efficiency standards represent a 7-8% increase from current minimums
- Under the new requirements, roughly 70% of the current products (base tier) will NOT meet the 2023 minimum efficiency standards
- The remaining products will need to be retested/re-rated using the new procedures

We'll Be Ready, and You Should Be Too

With millions of dollars invested in engineering, testing, tooling and manufacturing, we will be ready for 2023.

- The majority of product tiers and tonnages will be available on or before January 1, 2023
- Industry-leading technology within our 2023 product line will have been tested and validated to meet new requirements
- We are instituting a phased rollout, with products launching ahead of deadline to ensure readiness before January 1, 2023
- Comprehensive training and communications will be shared when available
- In addition, our entire regulatory-ready products are being redesigned with an expected change in refrigerant, targeted for the year 2025, to minimize future product transitions

We will continue to keep you updated on our progress and will work with you so we can all make the transition to 2023-compliant products as seamless as possible.



NOTE: Canada is expected to have similar requirements as the North U.S. and we will share those details once Canada's regulations are finalized.



Day & Night

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