



# What You Need To Know

Your Guide to 2023 HVAC Regulatory Changes  
& Their Impact to MagicPak®

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# U.S. Energy Efficiency Standards Are Changing

The Department of Energy (DOE) periodically analyzes energy usage and shifts minimum efficiency requirements for HVAC equipment.

We are providing this quick reference guide to help you understand the new minimums and updated testing standards that will affect the industry in 2023.



# The Way We Talk About SEER, EER And HSPF Is Changing

## SEER2 vs. SEER: What's The Difference?

Beginning in 2023, manufacturers will be required to comply with new, more stringent testing standards for efficiency ratings to more accurately represent field performance. There will be new metrics and new naming for these updated ratings: SEER2, EER2 and HSPF2.

### CURRENT TEST PROCEDURE

Space-Constrained

**0.10 ESP**

Single Package

**0.10 – 0.20 ESP**

(depending on capacity)



## How Are The New Ratings Calculated?

The increased static pressure used during efficiency testing means SEER2 and EER2 ratings will be approximately 5% lower than current SEER and EER ratings. HSPF2 ratings will be approximately 15% lower. This does not equate to a loss of performance.

### 2023 TEST PROCEDURE

Space-Constrained

**0.30 ESP**

Single Package

**0.50 ESP**

Increasing static pressure while testing to better represent field installations



## What Does This Mean?

During the transition, SEER and SEER2, EER and EER2, and HSPF and HSPF2 ratings will be published for all product lines. Current AHRI system matches will be updated and relaunched in accordance with these new standards.

## WHAT CAN YOU DO?

Take the time today to understand how these changes will affect you and your customers.

# Impact to Category

## New national standards for

- Space constrained air conditioners (G/E & E/E 0.75–2.5 Ton Units)
- Space constrained heat pumps (HP 0.75–2.5 Ton Units)
- Single package heat pumps (HP 3 Ton Units)

## New regional standards for

- Single package air conditioners (G/E & E/E 3 Ton Units)
  - CA, NV, AZ & NM installations must meet new standards effective 1/1/2023

# Timing & Ability to Sell Through

## Space Constrained Category

- Air conditioners and heat pumps
  - Equipment manufactured by 12/31/2022 may be installed indefinitely

## Single Package Category

- Air conditioners
  - North & Southeast equipment manufactured by 12/31/2022 may be installed indefinitely
  - Southwest installations as of 1/1/2023 must meet the new standards
- Heat pumps
  - Equipment manufactured by 12/31/2022 may be installed indefinitely

# Impact to MagicPak®

## All MagicPak units will comply with the new efficiency standards. You can sell through your MagicPak inventory.

- Most MagicPak products are in the Space Constrained Category, subject to national efficiency standards, so the regulation applies to the **Manufacture by date**.
  - 0.75 – 2.5 Ton All Fuel Types (M-Series & V-Series)
  - 3.0 Ton Heat Pumps (M-Series)
    - In the Space Constrained Category, but subject to a national standard
- M-Series 3 ton E/E & G/E models are in the Single Packaged Category which is subject to regional efficiency standards.
  - In the North & Southeast, the regulation applies to **Manufacture by date**
  - In the Southwest, installations as of 1/1/2023 must meet the new standards
    - The current M-Series 3 ton E/E & G/E units already meet the new 2023 minimums, so you can sell through your inventory
- AHRI will be updated to include the SEER2 ratings on current models by 12/31/202

		Current DOE Minimum			New DOE Minimum			Regulation Type	Can You Sell Through?	Product Families Affected
		SEER	EER	HSPF	SEER2	EER2	HSPF2			
Space Constrained	Heat Pumps	12.0	-	7.4	11.9	-	6.3	National Based on Manufacture by Date	Yes	M-Series (MHP)   0.75 – 2.5 Ton
	Air Conditioners	12.0	-	-	11.7	-	-			V-Series (EWC/HWC8/HWC9)   1.0 – 2.5 Ton
										M-Series (MGE/MCE)   0.75 – 2.5 Ton
Single Packaged	Heat Pumps	14.0	-	8.0	13.4	-	6.7	National Based on Manufacture by Date	Yes	M-Series (MHP)   3.0 Ton
	Air Conditioners	14.0	11.0*	-	13.4	10.6*	-	Regional: North & Southeast Based on Manufacture by Date		M-Series (MGE/MCE)   3.0 Ton
								Regional: Southwest Based on Install by Date		

\* Southwest only (CA, NV, AZ & NM)

# MagicPak® Is Here to Help You Win The Transition

Through our dedication to providing high-quality and innovative all-in-one HVAC products, MagicPak is ready to help you navigate these regulatory changes.



## PRODUCT READINESS

We are planning for the future by updating our testing standards to help you stay competitive in a changing landscape.



## TRAINING RESOURCES

Comprehensive educational materials are provided to guide a smooth transition.

**Learn more at:**  
[AlliedConnect.com/2023Regs](https://AlliedConnect.com/2023Regs)



## BUSINESS PLANNING

Start making plans to educate your team and customers on the 2023 DOE Regulations and their impact to MagicPak. The MagicPak team is ready to answer any questions or concerns you might have.

## CONTINUE THE CONVERSATION

As you continue your business planning for 2022 and 2023, it's the perfect time to start educating yourself, team, and customers about the upcoming regulatory changes. We look forward to joining you in those conversations. For more information, contact your sales representative.



All-In-One HVAC Systems