



March 6th, 2023

System Match-Up Database

Since it was announced that the criteria for the 25C tax credit of the Inflation Reduction Act (IRA) must align with CEE's highest tier (excluding advanced tier) there has been a lot of confusion surrounding qualifying products and where to find a comprehensive list of Carrier qualifying products. While the benefits of 25C for qualifying products installed in 2023 through 2032 are known, **how the IRS will apply CEE's criteria are not yet finalized and more information is forthcoming and expected by Q3-2023.**

As of March 6th, 5°F data – COP and rated capacity – is available for Carrier's product in AHRI's registry, starting with the 25VNA4 and 25TPA7 model families. These pieces of data are key to determining compliance to CEE's criteria for North Heat Pumps. As a result, MyCarrierRatings.com has been updated to show 5°F data, since it queries the AHRI directory directly.

Both the displayed and downloadable ratings templates have been updated to show a combination's 5°F data, capacity ratios and compliance to the associated CEE tier and Energy Star 6.1. Some combinations, if loaded prior to January 1st, 2023, already have 5°F data (see example below).

The screenshot shows the Carrier AHRI Ratings website. The top navigation bar includes the Carrier logo and the tagline "Turn to the experts". Below this, the "AHRI Ratings" section is visible, with radio buttons for "SEER2" and "SEER". The "SEER2" option is selected. The search filters include "AHRI Reference #", "Tonnage", "Phase", "Outdoor Model Family", "Outdoor Model", "Indoor Coil Family", "Indoor Coil Model", "Furnace Family", "Furnace Model", "Minimum SEER2", "Minimum EER2", and "Minimum HSPF2". The "Display Ratings" button is highlighted. Below the filters, a table of product ratings is displayed, with columns for "AHRI Ref #", "Status", "Outdoor Model", "Indoor Model", "Furnace", "M1 CAP", "M1 CAP 47", "SEER2", "EER2", "HSPF2", "M1 CAP 17", "Cap 5°", "COP 5°", "M1 17°/47° Cap Ratio", "M1 5°/47° Cap Ratio", "CEE 1 North", "CEE 1 South", and "Energy Star 6.1". The table contains four rows of data, with the last two rows highlighted in red.

			AHRI Ref #	Status	Outdoor Model	Indoor Model	Furnace	M1 CAP	M1 CAP 47	SEER2	EER2	HSPF2	M1 CAP 17	Cap 5°	COP 5°	M1 17°/47° Cap Ratio	M1 5°/47° Cap Ratio	CEE 1 North	CEE 1 South	Energy Star 6.1
Print	Copy	Performance Calc	210099320	Active	25SCA524A**30"	FMA4X30**AL*		25000	23600	15.2	12.5	8.1	15100	11400	2.24	64.0%	48.3%	Yes	Yes	Yes
Print	Copy	Performance Calc	210310176	Active	25SCA530A**30"	CAP**3721AL*	68SU*A080E21**20	28800	28600	15.2	12.5	8.1	17400	13300	2.14	60.8%	46.5%	Yes	Yes	Yes
Print	Copy	Performance Calc	209692095	Active	25SCA530A**30"	FMA4X30**AL*		28200	28200	15.2	12.5	8.1	17200	13100	2.18	61.0%	46.5%	Yes	Yes	Yes
Print	Copy	Performance Calc	209692134	Active	25SCA530A**30"	FMA4X36**AL*		28200	28200	15.2	12.5	8.1	17200	13100	2.18	61.0%	46.5%	Yes	Yes	Yes

Communication based on CEE Performance Specifications.
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Cold Climate Heat Pump Designation

Please note that if looking at the AHRI directory, there is a column titled “Cold Climate Designation”. This column is specifying if a heat pump meets Energy Star 6.1 Cold Climate Heat Pump criteria which requires a controls verification procedure which is not required per for the CEE Tier 1 North Heat Pump criteria. At this time, the Carrier products do not meet the Controls Verification Procedure so they will be marked as “NO”. Please leverage the actual values of SEER2, EER2, HSPF2, COP and Capacity Maintenance or the MyCarrierRatings.com site to determine CEE Tier 1 North eligibility.

Sales Tools

In addition, we are working on a one pager that territory managers can utilize with dealers to discuss qualifying products at a high level – tier, model, tonnage, with fan coil or furnace combination. Please see tables below. The final version is expected to be completed by March 31st, 2023.

25VNA8 Ratings

Currently, the 25VNA8 is specified to turn on if the outdoor ambient is 10°F or above. We are conducting testing our 25VNA8 heat pump to determine whether it can turn on at 5°F. If testing concludes that this model can operate at 5°F, then this model will be a welcomed addition to the list of heat pumps included in the one pager mentioned above. We will also update our product bulletin(s) to feature this model family as an option that meets the CEE Tier 1 North Heat Pump criteria. Carrier will also update the AHRI registry / MyCarrierRatings.com accordingly.

The 2023 regulatory transition has had a lot of moving parts. We appreciate your patience as we all navigate the impact of the regulatory changes on our industry. Stay tuned for more information as it becomes available.

CEE Highest Tier Compliant Products

CEE Tier 2 AC Lineup

16 SEER2 / 12 EER2

		Furnace	Fan Coil / AHU
INFINITY SYSTEM	24VNA6	All Sizes	All Sizes
	24VNA9	37, 49	37, 49
Performance SERIES	24TPA7	All Sizes	All Sizes
	24SPA6	1.5 – 3T, 43, 49	1.5T, 2T, 2.5T, 3T, 43, 49, 61
Comfort SERIES	34SCA5	1.5T, 2T, 2.5T, 3T, 4T	1.5T, 2T, 2.5T, 3T, 4T
	24SCA5	1.5T, 2T, 2.5T, 3T	1.5T, 2T, 2.5T, 3T
	24SCA4	2T*	4T

*With new Entry Tier Furnace; Ratings coming soon

CEE Tier 1 North Heat Pump Lineup (Ducted)

15.2 SEER2 / 10 EER2 / 8.1 HSPF; COP \geq 1.75 / Cap Ratio 17F/47F \geq 58%

		Furnace	Fan Coil / AHU
INFINITY SYSTEM	25VNA4	All Sizes	All Sizes
	25VNA8	1T ⁰ , 2T ⁰ , 3T ⁰ , 4T ⁰ <small>*Pending Test Results More information forthcoming</small>	2T ⁰ , 3T ⁰ , 4T ⁰ <small>*Pending Test Results More information forthcoming</small>
Performance SERIES	38MURA	1.5T*, 2T*, 3T* <small>*Ratings coming soon</small>	1.5T, 2T, 2.5T, 3T
	25TPA7	All Sizes (4T*) <small>*Ratings coming soon</small>	All Sizes
	25SPA5		2.5T
	38MARB/ 38MBRC		1.5T, 2T, 2.5T
Comfort SERIES	25SCA5		2.5T

CEE Highest Tier Compliant Products (continued)

CEE Tier 1 South Heat Pump Lineup (Ducted)

15.2 SEER2 / 11.7 EER2 / 7.8 HSPF

		Furnace	Fan Coil / AHU
INFINITY SYSTEM	25VNA4	All Sizes	All Sizes
	25VNA8	1T, 3T	1T, 3T
Performance SERIES	38MURA		1.5T, 2T
	25TPA7	All Sizes	All Sizes
	25SPA5	1.5T*, 2T*, 2.5T, 3T, 3.5T*	1.5T, 2T, 2.5T, 3T, 3.5T, 4T
	38MARB/ 38MBRC		1.5T, 2T
Comfort SERIES	25SCA5	1.5T*, 2T*, 2.5T, 3T, 3.5T*	1.5T, 2T, 2.5T, 3T, 3.5T, 4T

*With new Entry Tier Furnace;
Ratings coming soon

CEE Tier 2 North Non-Ducted Heat Pump

16 SEER2 / 9 EER2 / 9.5 HSPF; COP \geq 1.75 / Cap Ratio 17F/47F \geq 58%

		High Wall	Cassette	Console
INFINITY SYSTEM	38MPRB	9k, 12k, 18k		
	38MARB	6k, 9k, 12k, 18k, 24k	6k, 9k, 12k, 18k, 24k	12k, 18k, 24k
Performance SERIES	38MBRC		36k	48k
	38MG*B	18k, 24k, 36k, 48k,		
Comfort SERIES	38MHRC	N/A		

CEE Highest Tier Compliant Products (continued)

CEE Tier 2 South Non-Ducted Heat Pump

16 SEER2 / 12 EER2 / 9 HSPF

		High Wall	Cassette	Console
INFINITY SYSTEM	38MPRB	9k, 12k, 18k		
	38MARB	6k, 9k, 12k, 18k, 24k	6k, 9k, 12k, 18k	12k, 18k
Performance SERIES	38MBRC		N/A	N/A
	38MG*B	18k, 24, 30k, 36k		
Comfort SERIES	38MHRC	9k		

CEE Tier 3 Gas Furnace

≥ 97% AFUE


		97%
INFINITY SYSTEM	59MN7	All Sizes
	59SP6B*	060V17 --16 080V17 --20 080V21 --20
Comfort SERIES	59SC6A*	060M17-- 16 080M17-- 20 080M21-- 20

*New model families launching mid-2023, refer to product bulletins for timing of new product availability

CEE Highest Tier Compliant Products (continued)


CEE Tier 1 South Packaged Heat Pump

15.2 SEER2 / 10.6 EER2 / 7.2 HSPF

	Family	Type
	48VR	Packaged Hybrid Heat System
	50VR	Packaged Heat Pump

CEE Tier 1 Packaged Air Conditioners

15.2 SEER2 / 11.5 EER2

	Family	Type
	48VG	Packaged AC with Gas Heat System
	50VG	Packaged Air Conditioner