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Product Bulletin

Date	Subject	Department
10/17/23	Single Phase VRF Heat Pump Systems and AHRI Ratings	Ductless & VRF
Bulletin Number	Product Model Number(s)	Author Name/Email
VRF-23-006	38VMB***HDS3-1	Steven Hunt steven.hunt2@carrier.com

Single Phase VRF Heat Pump System AHRI Ratings

We would like to inform you of changes to the AHRI ratings that are listed for the Carrier single phase VRF offering. There was a change in the equipment testing standards, requiring Carrier to retest and update the ratings as necessary. All 3 models have new AHRI reference numbers, and these can be identified with an asterisk at the end of the outdoor unit model number (e.g. 38VMB036HDS3-1*), with minor impact to the ratings for the 4-ton and 5-ton.

In Table 1, there is a comparison of the existing and newly updated ratings of the Carrier single phase VRF heat pump models. The 4-ton ducted SEER2 rating and 5-ton cooling capacity has slightly decreased from the existing ratings.

Table 1 – AHRI Rating Comparison

AHRI Ref Number	Ref Number Status	Outdoor Unit Model Number	Indoor Type	Capacity 95F	EER2	SEER2	HSPF2	Capacity 47F	Capacity 17F
205282595	Phasing Out	38VMB036HDS3-1	Non-Ducted Indoor Units	36000	12.1	19.2	9.2	40000	28000
213160418	New	38VMB036HDS3-1*	Non-Ducted Indoor Units	36000	12.1	19.2	9.2	40000	28000
205282596	Phasing Out	38VMB036HDS3-1	Ducted Indoor Units	36000	11.7	17.3	9.1	40000	28000
213160419	New	38VMB036HDS3-1*	Ducted Indoor Units	36000	11.7	17.3	9.1	40000	28000
205282597	Phasing Out	38VMB036HDS3-1	Mixed Ducted and Non-Ducted Indoor Units	36000	11.9	18.25	9.15	40000	28000
205282598	Phasing Out	38VMB048HDS3-1	Non-Ducted Indoor Units	48000	10.8	19	8.9	50000	34000
213160428	New	38VMB048HDS3-1*	Non-Ducted Indoor Units	48000	10.8	19	8.9	50000	34000
205282599	Phasing Out	38VMB048HDS3-1	Ducted Indoor Units	48000	9	17	8.5	50000	34000
213160427	New	38VMB048HDS3-1*	Ducted Indoor Units	48000	9	16	8.5	50000	34000
205282600	Phasing Out	38VMB048HDS3-1	Mixed Ducted and Non-Ducted Indoor Units	48000	9.9	18	8.7	50000	34000
205282601	Phasing Out	38VMB060HDS3-1	Non-Ducted Indoor Units	60000	9.5	18.6	8.7	60000	40000
213160430	New	38VMB060HDS3-1*	Non-Ducted Indoor Units	57500	9.5	18.6	8.7	60000	40000
205282602	Phasing Out	38VMB060HDS3-1	Ducted Indoor Units	60000	8.3	15.9	8	60000	40000
213160431	New	38VMB060HDS3-1*	Ducted Indoor Units	57500	8.3	15.9	8	60000	40000
205282603	Phasing Out	38VMB060HDS3-1	Mixed Ducted and Non-Ducted Indoor Units						40000

On the AHRI website, for next couple months, Carrier single phase VRF heat pumps will have two (2) different ratings affiliated with each model. The most current AHRI ratings will be indicated by an asterisk at the end of the model number for the heat pump.



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Product documentation will be updated to reflect the new model number and AHRI ratings. We expect for the documentation to be updated prior to Q4 2023. The addition of the asterisk to the model number in AHRI will have no impact on ordering equipment.

We anticipate the previous ratings published for the Carrier single phase heat pumps to be set to *'Production Stopped'* status on the AHRI website within the next couple of months.

For questions regarding this change, please reach out to your sales manager for more information.