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**Document Languages:** English, French

**Date:** November 2<sup>nd</sup>, 2023

**Supersedes:** N/A

**Valid Until:** N/A

**Product(s):** All Moovair Systems

**Reason for Issuance:** Clarification of SEER vs. SEER2 relevancy and EnergyGuide label ratings vs. AHRI Certificate for paired systems.

## Summary

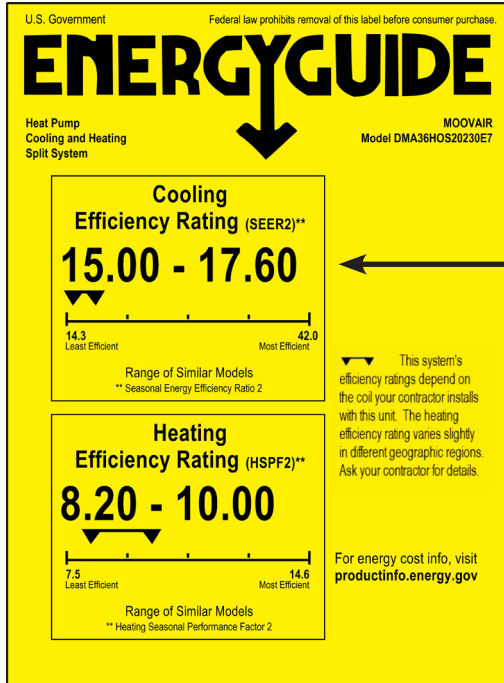
As of January 1, 2023, the SEER2 (Seasonal Energy Efficiency Ratio 2) rating of a system is what should be considered rather than the formerly used SEER.

The SEER2 value used for a system is based on the pairing of outdoor + indoor units. The SEER2 value indicated on the EnergyGuide label found on an outdoor unit is for that unit only and is not indicative of the rating for a paired system. Instead, the SEER2 value for a paired system is taken from the AHRI certificate. This value is reflected on the system's submittal.

## Notes

Definition: Paired System – An outdoor unit (ODU) and matching indoor unit (IDU), unit(s), or coil as specified by the manufacturer of the unit(s) and/or coil and listed with AHRI.

**See next page for examples**



**Note 1:** SEER2 rating taken from EnergyGuide label on the outdoor unit is not representative of the paired system's rating.

**Note 2:** SEER2 rating taken from AHRI Certificate for the paired system (outdoor + indoor) is the relevant value as it is representative of the system. This SEER2 value is used on the system's submittal document.

Potential Eligibility for IRA Tax Credit\*

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# Certificate of Product Ratings

AHRI Certified Reference Number : 212361761 Date : 10-20-2023 Model Status : Active

AHRI Type : HRCU-A-C (Split System: Heat Pump with Remote Outdoor Unit with No Indoor Fan --Air Source)

Series : DM series

Outdoor Unit Brand Name : MOOVAIR

Outdoor Unit Model Number (Condenser or Single Package) : DMA36HOS20230E7

Indoor Unit Model Number (Evaporator and/or Air Handler) : CUB36HAC20CWT7A

The manufacturer of this MOOVAIR product is responsible for the rating of this system combination.

Rated as follows in accordance with the latest edition of AHRI 210/240 - 2017 with Addendum 1, Performance Rating of Unitary Air-Conditioning & Air-Source Heat Pump Equipment and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

Cooling Capacity (A2) - Single or High Stage (95F), btuh : 36000

SEER : 14.80

EER (A2) - Single or High Stage (95F) : 10.20

Heating Capacity (H12) - Single or High Stage (47F) : 37000

HSPF (Region IV) : 9.60

Rated as follows in accordance with the latest edition of AHRI 210/240 - 2023, Performance Rating of Unitary Air-Conditioning & Air-Source Heat Pump Equipment and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

Cooling Capacity (A<sub>Full</sub>) - Single or High Stage (95F), btuh : 35000

SEER2 : 15.20

EER2 (A<sub>Full</sub>) - Single or High Stage (95F) : 10.00

Heating Capacity (H1<sub>Full</sub>) - Single or High Stage (47F), btuh : 39000

HSPF2 (Region IV) : 10.00

\*"Active" Model Status are those that an AHRI Certification Program Participant is currently producing AND selling or offering for sale; OR new models that are being marketed but are not yet being produced."Production Stopped" Model Status are those that an AHRI Certification Program Participant is no longer producing BUT is still selling or offering for sale.

Ratings that are accompanied by WAS indicate an involuntary re-rate. The new published rating is shown along with the previous (i.e. WAS) rating.

The Department of Energy has published updated energy efficiency metrics for central air conditioners and heat pumps. This publication reflects both the 1987 metric (SEER) and the 2023 metric (SEER2). Efficiency requirements are published at 10 C.F.R. 430.32(c). Please refer to [www.AHRI.net.org](http://www.AHRI.net.org) for more information about updated energy efficiency metrics.

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**CERTIFICATE NO.:** 133422913601632913



**ID de document :** IIB\_M\_100423\_0\_EN\_FR

**Langues des documents:** anglais, français

**Date :** 2 novembre 2023

**Remplace :** S. O.

**En vigueur jusqu'au :** S. O.

**Produit(s) :** Tous les systèmes Moovair

**Raison de la diffusion :** Clarification sur la pertinence de la cote TRÉS (SEER) par rapport à la cote TRÉS2 (SEER2) et des cotes de l'étiquette EnergyGuide par rapport à la certification AHRI pour les systèmes jumelés.

## Résumé

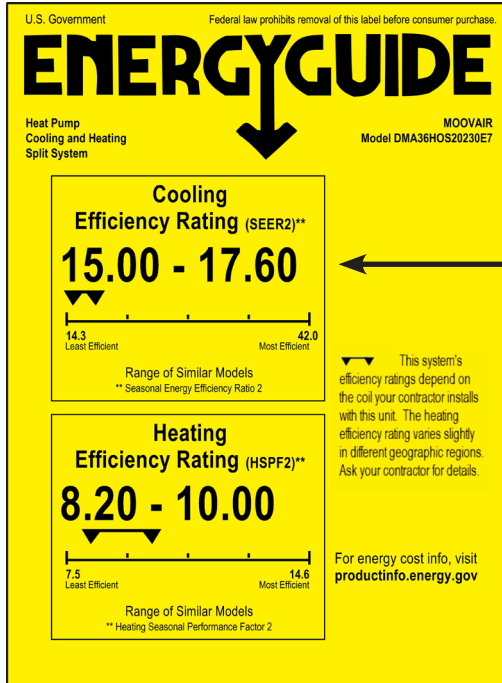
Depuis le 1er janvier 2023, il faut tenir compte de l'indice TRÉS2 (taux de rendement énergétique saisonnier 2) d'un système, et non plus de l'ancien TRÉS.

La valeur TRÉS2 utilisée pour un système est basée sur le jumelage des unités extérieures et intérieures. La valeur TRÉS2 figurant sur l'étiquette EnergyGuide apposée à une unité extérieure ne concerne que cette unité et ne s'applique pas à un système jumelé. En fait, la valeur TRÉS2 pour un système jumelé apparaît sur la certification AHRI. Cette valeur figure dans la soumission du système.

## Notes

Définition : Système jumelé – Unité extérieure (UE) et unité intérieure (UI), unités ou systèmes à serpentins correspondants, selon les indications du fabricant des unités et/ou des systèmes à serpentins et certifiés par l'AHRI.

**Vous trouverez des exemples à la page suivante**



**Note 1 :** La cote TRÉS2 figurant sur l'étiquette EnergyGuide de l'unité extérieure ne s'applique pas au système jumelé.

**Note 2 :** La cote TRÉS2 du certificat de l'AHRI pour le système jumelé (extérieur + intérieur) est la valeur pertinente, car elle s'applique au système. Cette valeur TRÉS2 figure dans la soumission du système.

Potential Eligibility for IRA Tax Credit\*

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