

Regional Standards Product Reference Guide

Effective January 1, 2023, there will be new minimum efficiency standards for split-system air conditioners and split-system heat pumps. There has also been a change to the efficiency rating test procedure, known as the "M1 Standard", which will affect split-system air conditioners, split-system heat pumps and packaged units. As in the past, these standards vary by both product type and geographic region.

Below is a reference guide that outlines the changes to the air conditioner and heat pump product lines as a result of the M1 Standard. Mini-splits, package units, and indoor equipment is not included in this guide because no changes to those product lines were made due to the 2023 regional standards.

Air Conditioners - North & Canada

	2022 Product Line Up	2023 Regional Standard Compliant Products ¹
	XC21 (up to 21.0 SEER) SL28XCV (up to 28.0 SEER)	EL23XCV (up to 22.0 SEER) ² SL28XCV (up to 26.6 SEER) ²
	XC13N (up to 16.0 SEER) EL16XC1 (up to 17.0 SEER) EL18XCV (up to 18.0 SEER) XC20 (up to 22.0 SEER)	EL16XC1 (up to 16.2 SEER) EL17XC1 (up to 16.2 SEER) EL18XCV (up to 17.1 SEER) ² EL23XCV (up to 22.0 SEER) ²
	13ACXN (meets or exceeds 13.0 SEER) ML14XC1 (up to 17.0 SEER) 16ACX (up to 18.0 SEER)	ML14XC1 (meets or exceeds 13.4 SEER) ML17XC1 (meets or exceeds 13.4 SEER) ML18XC2 (up to 17.1 SEER)

Air Conditioners manufactured in 2022 that are not compliant with 2023 Regional Standards may be installed in the North and Canadian regions in 2023.

Heat Pumps - All Regions

	2022 Product Line Up	2023 Regional Standard Compliant Products ¹
	XP21 (up to 19.2 SEER) SL25XPV (up to 24.0 SEER)	EL22XPV (up to 21.0 SEER) ² SL25XPV (up to 22.8 SEER) ²
	EL16XP1 (up to 17.0 SEER) EL18XPV (up to 20.0 SEER) XP20 (up to 20.0 SEER)	EL17XP1 (up to 16.2 SEER) EL18XPV (up to 17.1 SEER) ² EL22XPV (up to 21.0 SEER) ²
	ML14XP1 (meets or exceeds 14.0 SEER) ML16XP1 (up to 17.0 SEER) 16HPX (up to 16.5 SEER)	ML17XP1 (meets or exceeds 16.2 SEER) ML17XP1 (meets or exceeds 16.2 SEER) EL18XPV (up to 17.1 SEER) ²

Heat Pumps manufactured in 2022 that are not compliant with 2023 Regional Standards may be installed in all regions in 2023.

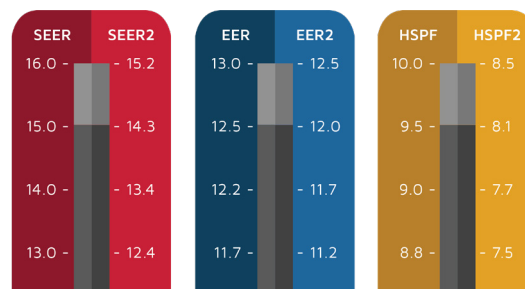
Testing to a Higher Standard

To comply with a new, more stringent testing protocol for reporting efficiency ratings, Manufacturers are required to:

- Re-test equipment to the new efficiency rating test requirements known as the "M1 Standard".
- Publish equipment efficiency ratings using the new efficiency metrics of SEER2, EER2 and HSPF2.

Compared to the current test procedure, the new test procedure increases the external static pressure from 0.1-0.3 ESP to 0.5 ESP to better reflect field conditions. For heat pumps, a more representative heating load line will also be implemented. Since the new testing requirements are more stringent, in 2023, there will be new metrics and nomenclature — SEER2, EER2, and HSPF2.

Efficiency Comparison



¹Products listed are currently available with the exclusion of the EL23XCV and EL22XPV which are tentatively set to be available February 2023.

²SEER2 is based on preliminary ratings and are subject to change.

Product Line Up

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Below is the product line up of 2023 compliant air conditioners and heat pumps as a result of the M1 Standard. Mini-splits, package units and indoor equipment is not included in the product line up because no changes to those product lines were made due to the 2023 regional standards.

	Single Stage	Two Stage	Variable Capacity
DAVE LENNOX <i>signature</i> COLLECTION			 SL28XCV SL25XPV
ELITE [®] SERIES	 EL16XC1 EL17XC1 EL17XP1		 EL18XCV EL18XPV EL23XCV EL22XPV
MERIT [®] SERIES	 ML14XC1 ML17XC1 ML17XP1	 ML18XC2	Key Air Conditioner Heat Pump  Smart Communicating  Cold Climate HP

Minimum Efficiency

North & Canada		
Product Class	SEER2	HSPF2
Air Conditioners (≤ 3.5 ton)	13.4	—
Air Conditioners (≥ 4 ton)	13.4	—
Heat Pumps	14.3	7.5
Implementation Date	Manufacture by 12/31/22	

