

CEE HIGH-EFFICIENCY COMMERCIAL AIR CONDITIONING AND HEAT PUMPS INITIATIVE (HECAC)

High-efficiency specifications

(Terms of Usage follow)

Effective July 1, 2002

Equipment Type	Size Category	Sub-Category	Tier 2* Efficiency
Air Conditioners, Air Cooled (Cooling Mode)	<65,000 Btu/h	Split System	13.0 SEER 11.6 EER**
		Single Package	13.0 SEER 11.3 EER**
	≥65,000 Btu/h and <135,000 Btu/h	Split System and Single Package	11.0 EER 11.4 IPLV
		Split System and Single Package	10.8 EER 11.2 IPLV
>240,000 Btu/h	Split System and Single Package	10.0 EER 10.4 IPLV	
Air Conditioners, Water and Evaporatively Cooled	<65,000 Btu/h	Split System and Single Package	14.0 EER
	≥65,000 Btu/h and <135,000 Btu/h	Split System and Single Package	14.0 EER
	≥135,000 Btu/h	Split System and Single Package	14.0 EER

SEER – Seasonal Energy Efficiency Ratio

EER – Energy Efficiency Ratio

IPLV – Integrated Part Load Value

*CEE Tier 1 was eliminated as of December 31, 2002 in response to increasing federal minimum standards.

**CEE recognizes that SEER alone does not address demand savings, and encourages members to include measures that do. Use of this specification, while encouraged to promote continued improvement in demand performance, is at the discretion of participating utilities until such time as meaningful EER information is available for most potentially qualifying models.

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		Single Package	13.0 SEER 11.3 EER**
	≥65,000 Btu/h and <135,000 Btu/h	Split System and Single Package	11.0 EER 11.4 IPLV
		Split System and Single Package	10.8 EER 11.2 IPLV
	>240,000 Btu/h	Split System and Single Package	10.0 EER 10.4 IPLV
Air Cooled, (Heating Mode)	<65,000 Btu/h	Split System	8.0 HSPF
		Single Package	7.5 HSPF
	≥65,000 Btu/h and <135,000 Btu/h	47°F db/43°wb Outdoor Air	3.4 COP
		17°F db/15°Fwb Outdoor Air	2.4 COP
	≥135,000 Btu/h	47°F db/43°wb Outdoor Air	3.3 COP
		17°F db/15°Fwb Outdoor Air	2.2 COP
Water Source (Cooling Mode)	<135,000 Btu/h	85° Entering Water	14.0 EER
Water Source (Heating Mode)	<135,000 Btu/h	70° Entering Water	4.6 COP

SEER – Seasonal Energy Efficiency Ratio
HSPF – Heating Seasonal Performance Factor
COP – Coefficient of Performance

EER – Energy Efficiency Ratio
IPLV – Integrated Part Load Value

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