

CEE Commercial Unitary AC and HP Specification

UNITARY AIR-CONDITIONING SPECIFICATION

Effective January 16, 2009

CEE periodically revises its specifications. See www.cee1.org for the most recent version.

For Terms and Conditions of these specifications, see www.cee1.org/terms.php3

Equipment Type	Size Category	Sub-Category	CEE Tier 1	CEE Tier 2
Air Conditioners, Air Cooled (Cooling Mode)	<65,000 Btu/h	Split System	14.0 SEER 12.0 EER	15.0 SEER 12.5 EER
		Single Package	14.0 SEER 11.6 EER	15.0 SEER 12.0 EER
	≥65,000 Btu/h and <135,000 Btu/h	Split System and Single Package	11.5 EER 11.9 IPLV ²	12.0 EER 12.4 IPLV ²
	≥135,000 Btu/h and <240,000 Btu/h	Split System and Single Package	11.5 EER 11.9 IPLV ²	12.0 EER 12.4 IPLV ²
	≥240,000 Btu/h and <760,000 Btu/h	Split System and Single Package	10.5 EER 10.9 IPLV ²	10.8 EER 12.0 IPLV ²
	≥760,000 Btu/h	Split System and Single Package	9.7 EER 11.0 IPLV ²	10.2 EER 11.0 IPLV ²
Air Conditioners, Water and Evaporatively Cooled	<65,000 Btu/h	Split System and Single Package	14.0 EER	No specification*
	≥65,000 Btu/h and <135,000 Btu/h	Split System and Single Package	14.0 EER	No specification*
	≥135,000 Btu/h	Split System and Single Package	14.0 EER	No specification*

SEER - Seasonal Energy Efficiency Ratio IPLV - Integrated Part Load Value
EER - Energy Efficiency Ratio

*At this time, CEE is not establishing higher tier levels for this equipment size due to limited availability.

NOTES:

- For electrical resistance heating section types, increase required minimum EER by 0.2.
- Integrated Partial Load Value is no longer an industry accepted parameter as of January 1, 2010. New part load performance criteria will be evaluated for incorporation into the specification by the end of the first quarter of 2010.

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CEE UNITARY HEAT PUMP SPECIFICATION

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Equipment Type	Size Category	Sub-Category	CEE Tier 1	CEE Tier 2
Air Cooled (Cooling Mode)	<65,000 Btu/h	Split System	14.0 SEER 12.0 EER	15.0 SEER 12.5 EER
		Single Package	14.0 SEER 11.6 EER	15.0 SEER 12.0 EER
	≥65,000 and <135,000 Btu/h	Split System and Single Package	11.5 EER 11.9 IPLV ²	No specification*
	≥135,000 and <240,000 Btu/h	Split System and Single Package	11.5 EER 11.9 IPLV ²	No specification*
	≥240,000 and <760,000 Btu/h	Split System and Single Package	10.5 EER 10.9 IPLV ²	No specification*
Air Cooled, (Heating Mode)	<65,000 Btu/h	Split System	8.5 HSPF	9.0 HSPF
		Single Package	8.0 HSPF	8.5 HSPF
	≥65,000 and <135,000 Btu/h	47°F db/43°Fwb Outdoor Air	3.4 COP	No specification*
		17°F db/15°Fwb Outdoor Air	2.4 COP	No specification*
	≥135,000 Btu/h	47°F db/43°Fwb Outdoor Air	3.2 COP	No specification*
		17°F db/15°Fwb Outdoor Air	2.1 COP	No specification*
Water Source (Cooling Mode)	<135,000 Btu/h	85° Entering Water	14.0 EER	No specification*
Water Source (Heating Mode)	<135,000 Btu/h	70° Entering Water	4.6 COP	No specification*

SEER - Seasonal Energy Efficiency Ratio
EER - Energy Efficiency Ratio
HSPF - Heating Seasonal Performance Factor

IPLV - Integrated Part Load Value
COP - Coefficient of Performance

*At this time, CEE is not establishing higher tier levels for this equipment size due to limited availability.

NOTES:

- For electrical resistance heating section types, increase required minimum EER by 0.2.
- Integrated Partial Load Value is no longer an industry accepted parameter as of January 1, 2010. New part load performance criteria will be evaluated for incorporation into the specification by the end of the first quarter of 2010.

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