



ENERGY STAR[®] HVAC Specification Version 3.0

Effective October 1, 2002

Version 3.0 of the ENERGY STAR residential air-source heat pumps (ASHP) and central air conditioners specification becomes effective on October 1, 2002. The new specification was developed with significant feedback and input from industry partners. Highlights of changes to the specification include:

- **Split systems and single package units** have been differentiated to account for current differences in energy efficiency performance among these two types of central air conditioning and ASHP products.
- **Seasonal energy efficiency ratio (SEER)** requirement for split systems has been raised to ≥ 13 .
- **Energy efficiency rating (EER)** has been added as a component of the specification. EER is included so that ENERGY STAR goes beyond seasonal energy performance to also address peak load energy performance.
- **HSPF** (for split system heat pumps only) has been raised to ≥ 8.0 .
- **Gas/electric package units** (single package units with gas heating and electric air conditioning) are eligible for the ENERGY STAR label provided that they meet the cooling portion of the single package specification (see below).

<i>Energy-Efficiency Criteria for ENERGY STAR Qualified Residential ASHPs and Central Air Conditioners</i>			
Product Type	SEER	EER	HSPF (for heat pumps only)
Split Systems	≥ 13	≥ 11	≥ 8.0
Single Package Equipment (including gas/electric package units)	≥ 12	≥ 10.5	≥ 7.6

If you have questions on Version 3.0 of the ASHPs and Central Air Conditioners specification, contact Rachel Schmeltz, EPA, at (202) 564-9124 or schmeltz.rachel@epa.gov.