

5.7.7 Room Air Conditioner Capacities and Energy Efficiencies (Shipment-Weighted Averages)

| | <u>Average Capacity (Btu/hr)</u> | <u>EER</u> | <u>Best-Available (EER)</u> |
|------|----------------------------------|------------|-----------------------------|
| 1972 | 10227 | 5.98 | N.A. |
| 1980 | 10,607 | 7.02 | N.A. |
| 1985 | 10,287 | 7.70 | N.A. |
| 1990 | 10,034 | 8.73 | N.A. |
| 1995 | 10,099 | 9.03 | 12.0 |
| 2000 | 9,739 | 9.30 | 11.7 |
| 2001 | 9,874 | 9.63 | 11.7 |
| 2002 | 9,800 | 9.75 | 11.7 |
| 2003 | 9,203 | 9.75 | 11.7 |
| 2004 | 9,735 | 9.71 | 11.7 |
| 2005 | 7,916 | 9.95 | 12.0 |
| 2006 | 9,197 | 10.02 | 12.0 |
| 2007 | 8,518 | 9.81 | 12.0 |
| 2008 | 8,760 | 9.93 | 12.0 |
| 2009 | 9,287 | 10.05 | 12.0 |
| 2010 | 8,737 | 10.18 | 12.0 |

Source(s): AHAM, Energy Efficiency and Consumption Trends 2010; AHAM, Efficiency and Consumption Trends 2009; AHAM, 1997 Major Appliance Industry Fact Book, Oct. 1997, Table 27, p. 32 for 1972; AHAM, AHAM 2003 Fact Book, 2003, Table 25, p. 45 for 1980-1985 average capacity and EER; AHAM, AHAM 2005 Fact Book, 2006, Table 19, p. 42 for 1990-2004 average capacity and EER; AHAM, 1994-1999 Directory of Certified Room Air Conditioners, Mar. 2000 for 1994-2000 best available; and ENERGY STAR certified products lists for 2001-2010 best available, http://www.energystar.gov/index.cfm?fuseaction=roomac.display_products_excel.