

Annual Savings for ENERGY STAR Qualifying Retail Products

The table below provides unit energy savings and equipment lifetimes for ENERGY STAR products sold through retail channels. Many organizations find these inputs valuable in forecasting and decision making. All unit energy savings estimates are based on comparison of ENERGY STAR to non ENERGY STAR models or to NAECA minimum standards where they exist. Savings estimates are national averages. For climate sensitive products e.g., room air conditioning, unit energy savings for some products may be greater or less based on where you operate.

Table 1. Annual Savings for ENERGY STAR Qualifying Retail Products

Product Information	Lifetime (years)	Annual Electricity Savings per unit compared to standard new (kWh)
Office Products		
Computer and monitor	8 (home use) 4 (office use)	89 (home use) 420 (office use)
Laser printer	5	130
Scanner	4	84
Fax machine	4	130
Copier	6	290
Multifunction device	6	250
Residential Lighting Products		
Compact fluorescent bulb	not available	
Lighting fixture	20	190
Ceiling fan	10	150
Electronics		
TV	11	36
VCR	11	12
TV/VCR combo unit	11	38
Audio equipment	7	46
Set top box	7	22
Telephony		
Cordless phone	9	not available
Answering machine	7	not available
Residential Appliances		

Refrigerator with freezer	19	100
Dishwasher	13	71
Clothes washer	14	210
Dehumidifier	12	110
Residential Heating and Cooling Products		
Room air conditioner	not available	63
Thermostat	15	860
Ceiling fan	10	150
Exhaust fan	10	54
Construction Products		
Residential window	30	not available
Roof product	not available	not available

*Savings estimates provided by Lawrence Berkeley National Laboratory, 2002. Subject to change based on improved data availability.